

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121715\
 Data File : BM003598.D
 Acq On : 17 Dec 2015 14:26
 Operator : UM/IZ
 Sample : G4767-24
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N46

Quant Time: Dec 18 00:31:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:27:21 2015
 Response via : Initial Calibration

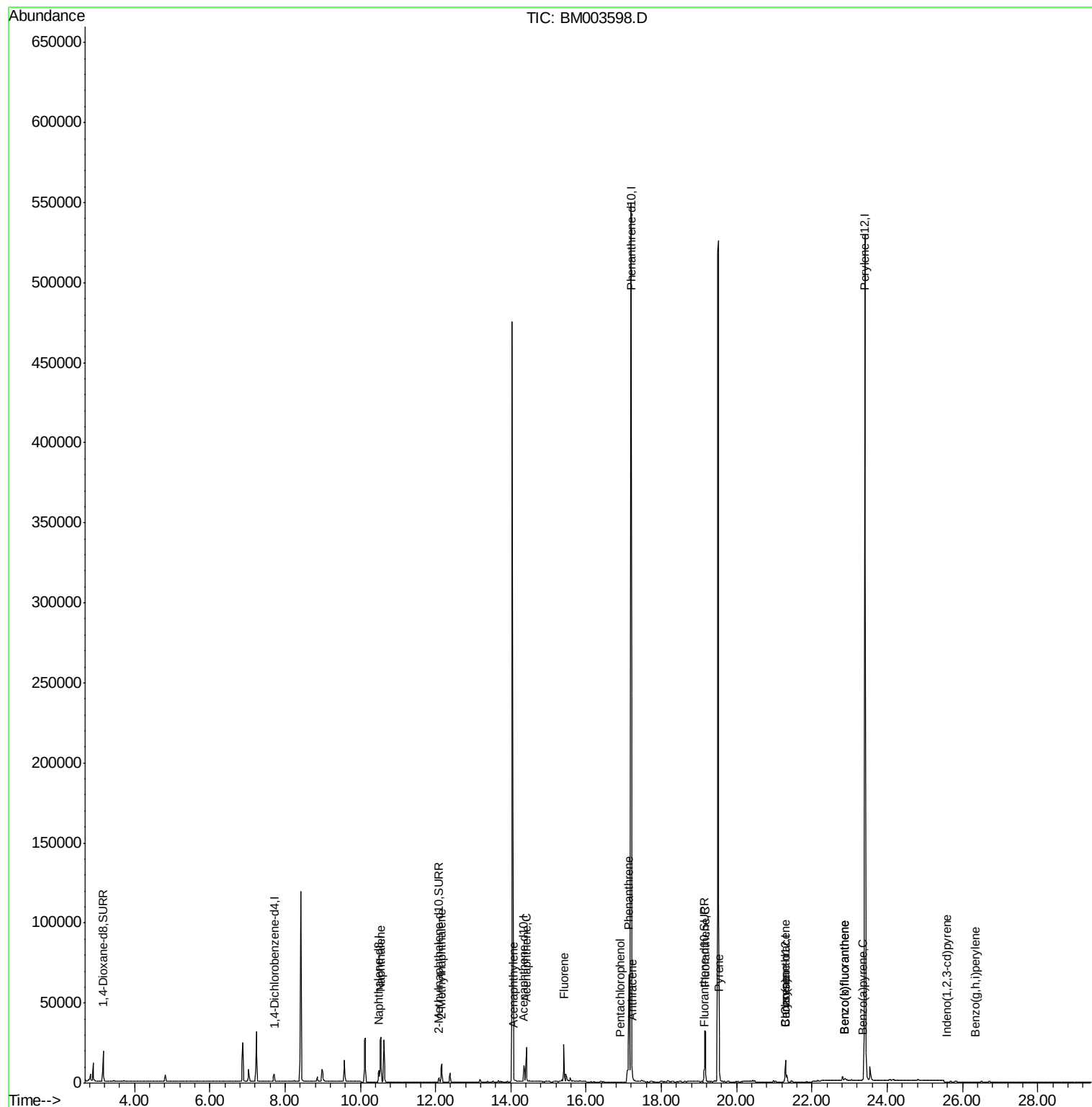
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2737	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10979	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6175	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	707300	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	12531	0.40	ng/ul	0.00
22) Perylene-d12	23.41	264	666403	0.40	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	13646	11.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	3772	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	7709	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	43267	1.75	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	8483	0.51	ng/ul	99
9) Acenaphthylene	14.07	152	2579	0.11	ng/ul#	91
10) Acenaphthene	14.42	153	14422	0.76	ng/ul	95
11) Fluorene	15.41	166	16937	0.80	ng/ul	93
13) Pentachlorophenol	16.92	266	4	0.00	ng/ul#	1
14) Phenanthrene	17.14	178	74910	0.04	ng/ul	96
15) Anthracene	17.23	178	6096	0.00	ng/ul	94
17) Fluoranthene	19.17	202	36454	0.02	ng/ul	93
19) Pyrene	19.54	202	25526	0.75	ng/ul	94
20) Benzo(a)anthracene	21.29	228	4850	0.16	ng/ul#	93
21) Chrysene	21.29	228	4850	0.14	ng/ul	96
23) Benzo(b)fluoranthene	22.87	252	1631	0.00	ng/ul#	35
24) Benzo(k)fluoranthene	22.87	252	2944	0.00	ng/ul#	38
25) Benzo(a)pyrene	23.35	252	778	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.57	276	1360	0.00	ng/ul#	53
28) Benzo(g,h,i)perylene	26.35	276	16	0.00	ng/ul#	1

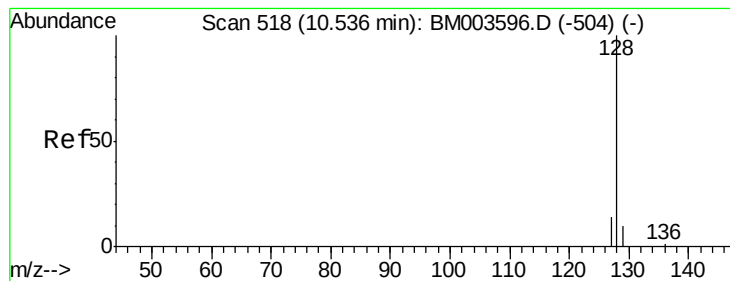
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 00:27:21 2015
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#5

Naphthalene

Concen: 1.75 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.01 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

ClientSampleId :

D9N46

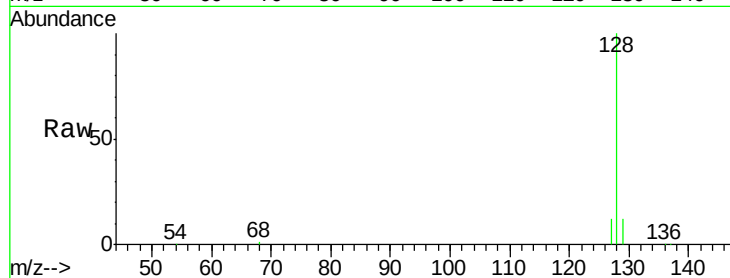
Tgt Ion:128 Resp: 43267

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

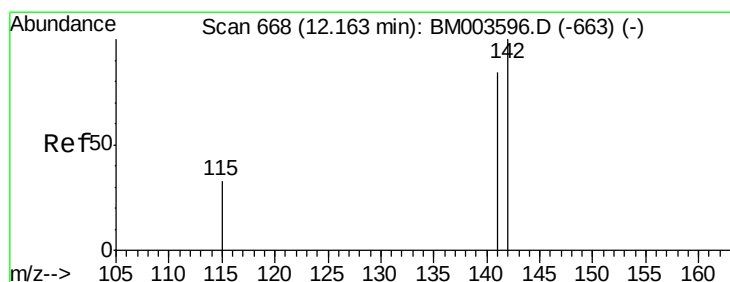
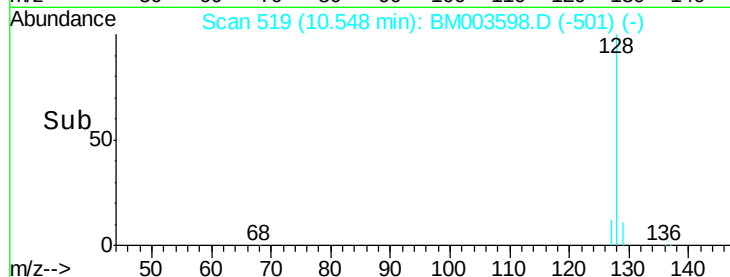
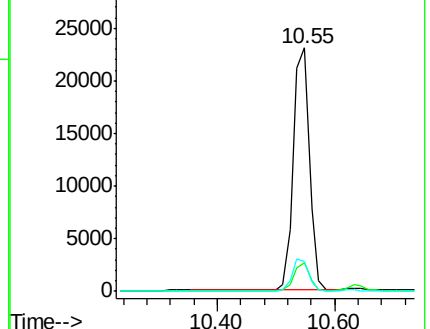
127 12.1 9.6 14.4



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: 0.51 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM003598.D

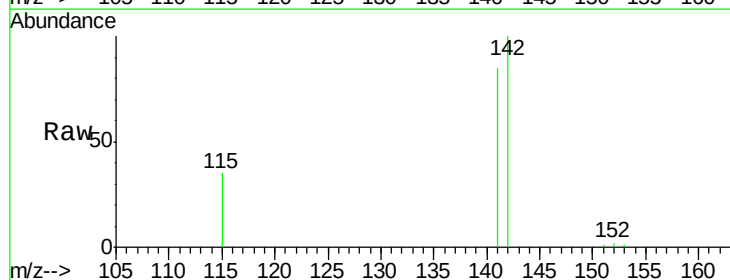
Acq: 17 Dec 2015 14:26

Tgt Ion:142 Resp: 8483

Ion Ratio Lower Upper

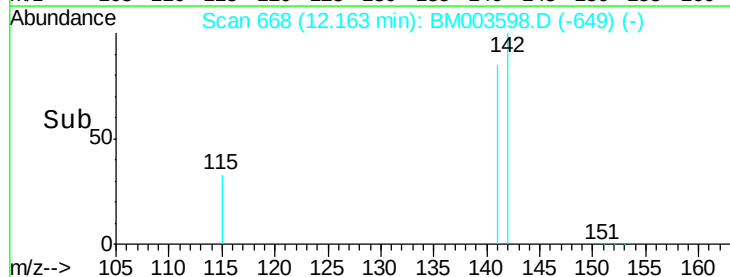
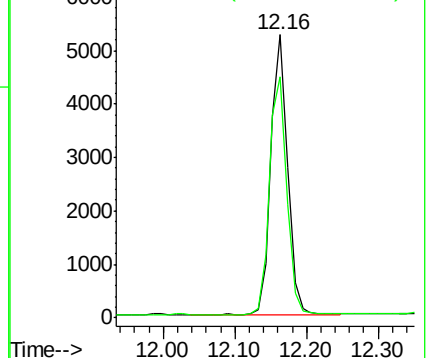
142 100

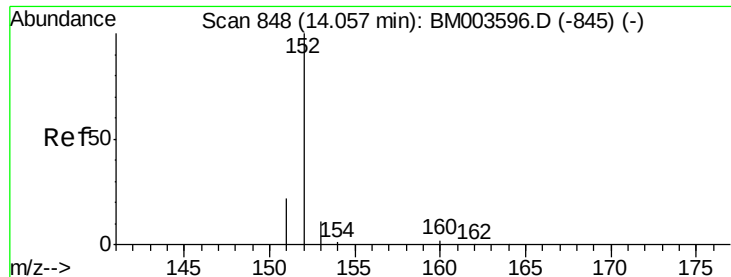
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.02 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

ClientSampleId :

D9N46

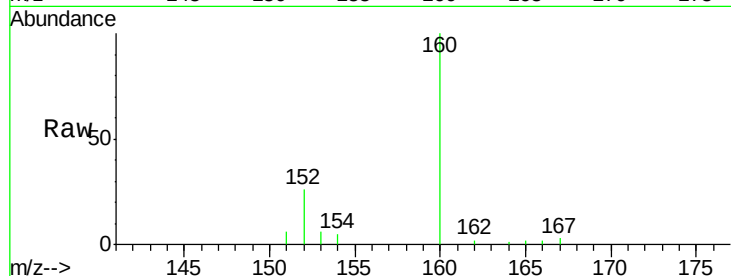
Tgt Ion:152 Resp: 2579

Ion Ratio Lower Upper

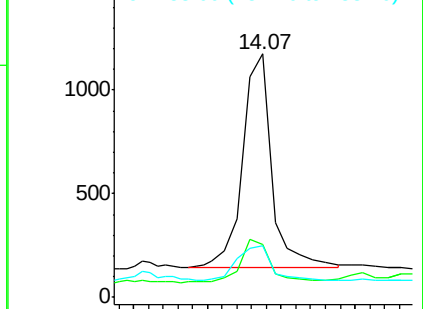
152 100

151 21.7 17.6 26.4

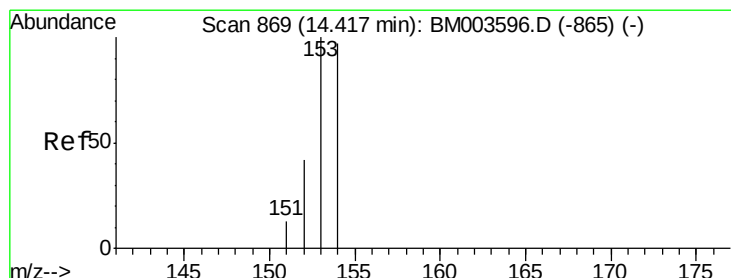
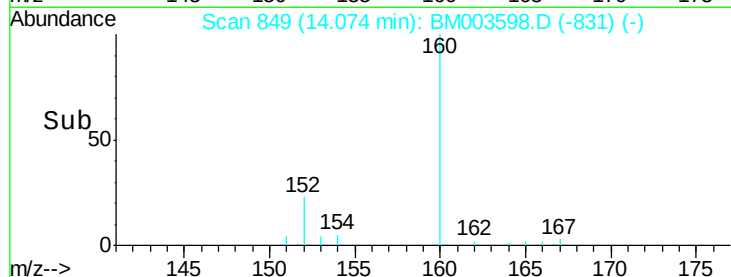
153 21.4 9.7 14.5#



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



Time--> 13.90 14.00 14.10 14.20



#10

Acenaphthene

Concen: 0.76 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

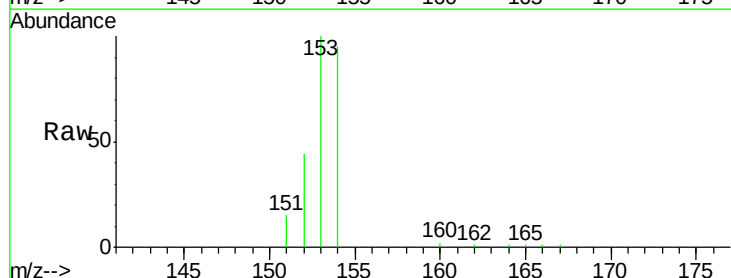
Tgt Ion:153 Resp: 14422

Ion Ratio Lower Upper

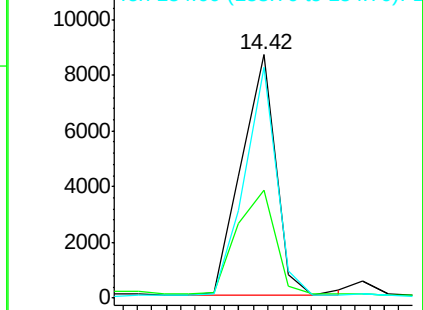
153 100

152 44.3 33.9 50.9

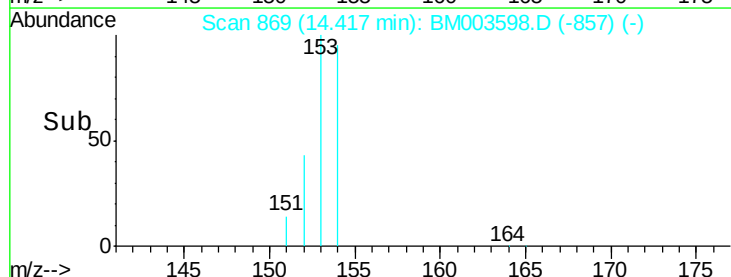
154 94.8 80.6 121.0

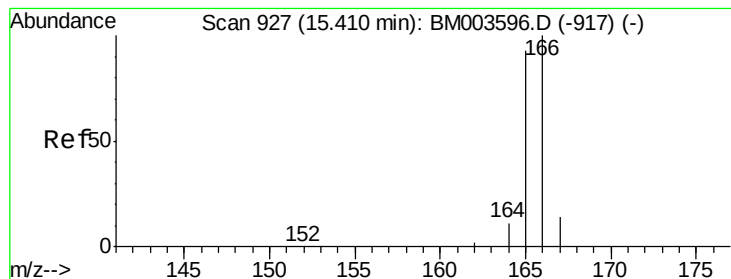


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.35 14.40 14.45 14.50





#11

Fluorene

Concen: 0.80 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

ClientSampleId :

D9N46

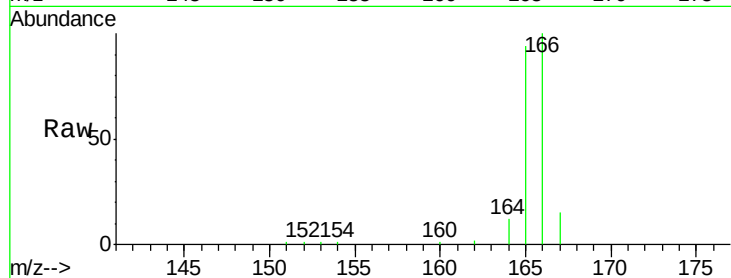
Tgt Ion:166 Resp: 16937

Ion Ratio Lower Upper

166 100

165 94.0 69.6 104.4

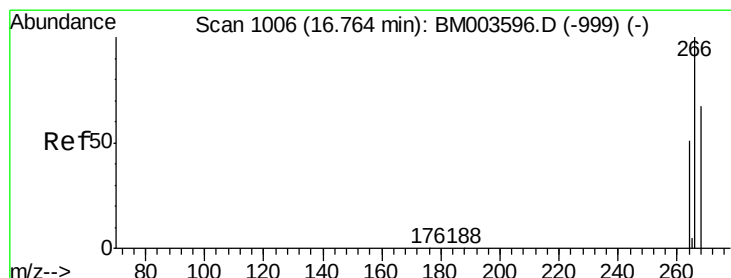
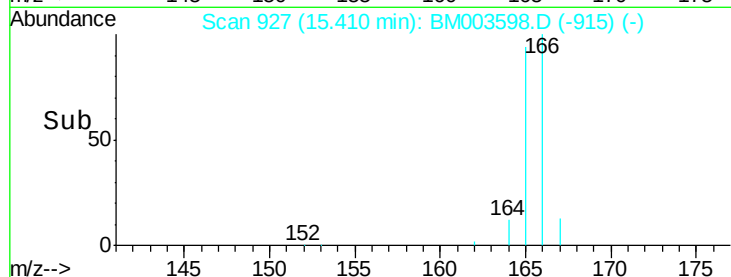
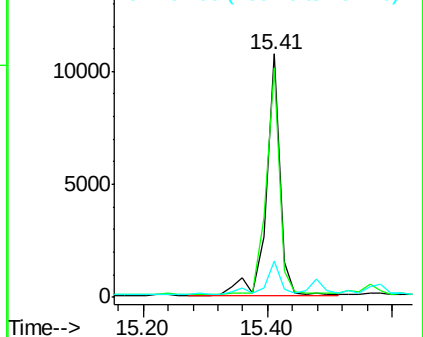
167 14.7 11.9 17.9



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: 16.92 min Scan# 1015

Delta R.T. 0.15 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

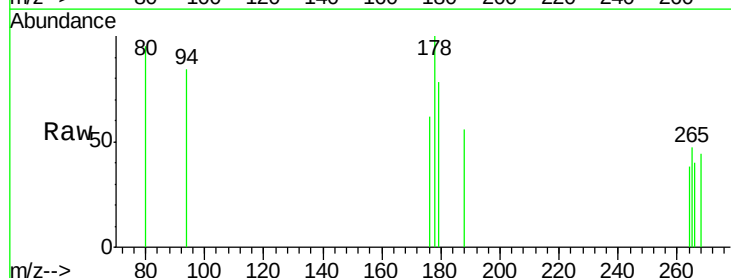
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

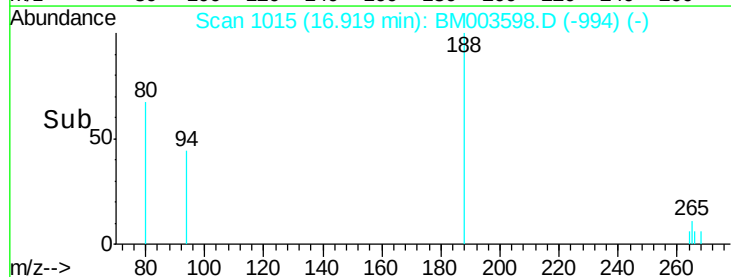
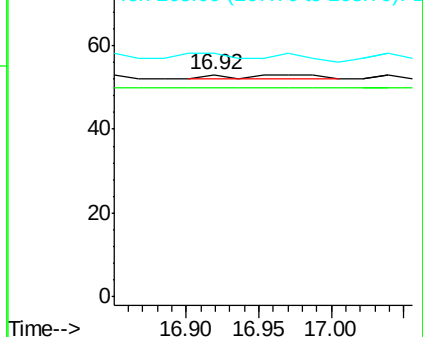
268 225.0 46.8 70.2#

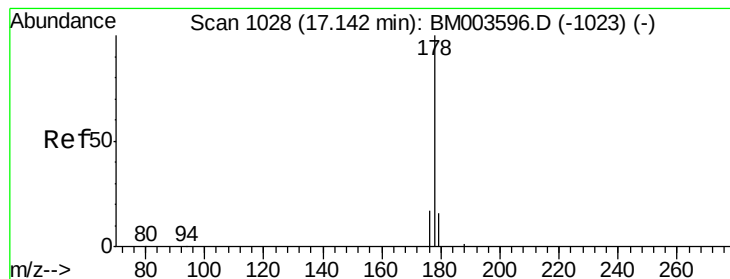


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

ClientSampleId :

D9N46

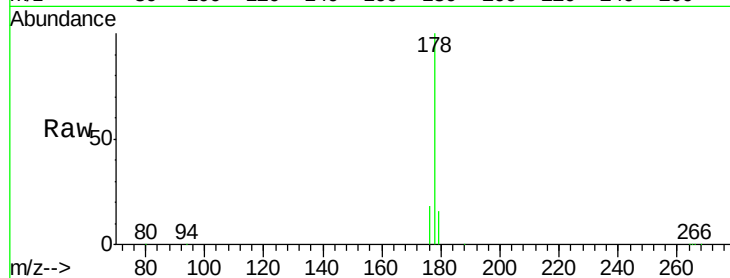
Tgt Ion:178 Resp: 74910

Ion Ratio Lower Upper

178 100

176 18.1 13.0 19.4

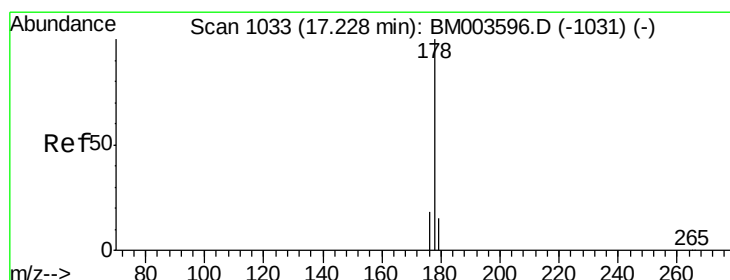
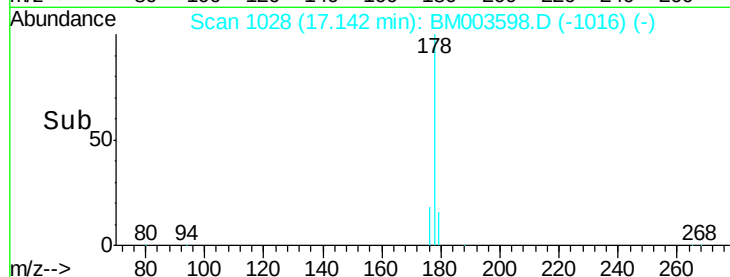
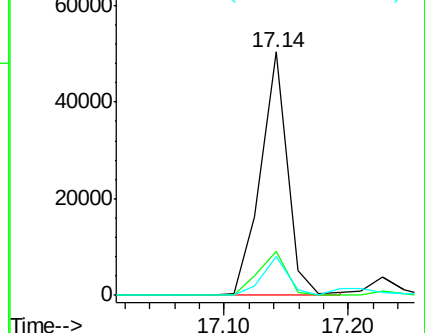
179 16.0 14.2 21.2



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: 17.23 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

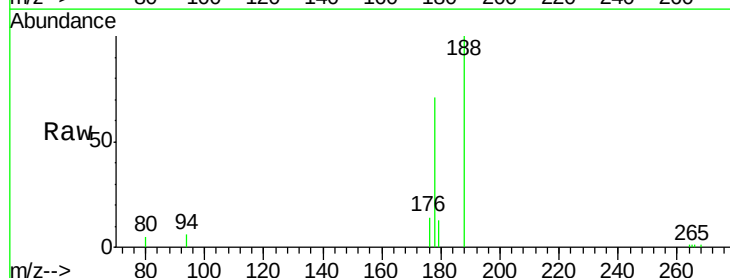
Tgt Ion:178 Resp: 6096

Ion Ratio Lower Upper

178 100

176 20.3 14.0 21.0

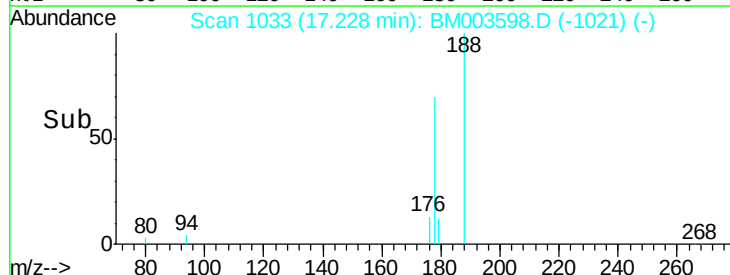
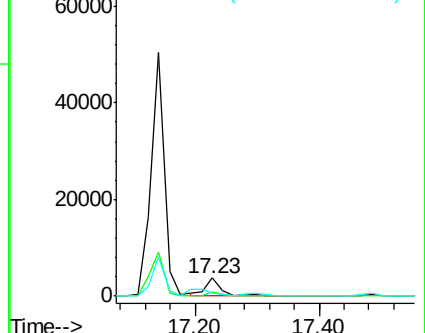
179 18.8 12.9 19.3

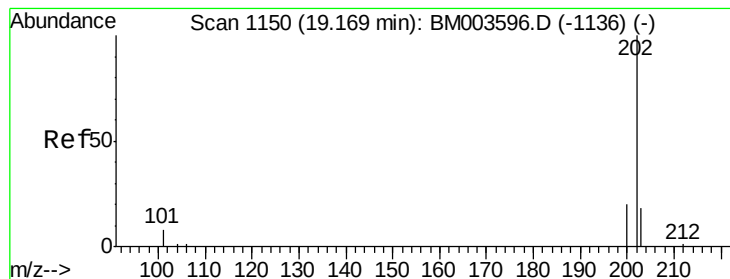


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

ClientSampleId :

D9N46

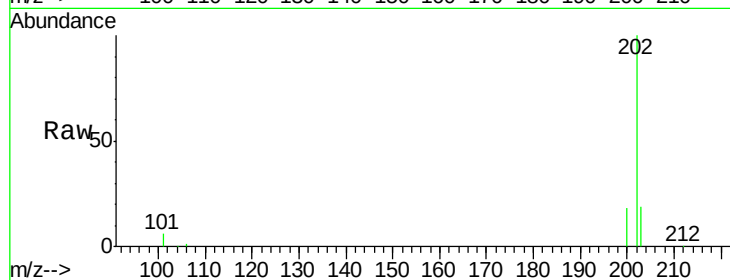
Tgt Ion:202 Resp: 36454

Ion Ratio Lower Upper

202 100

101 6.1 0.0 29.6

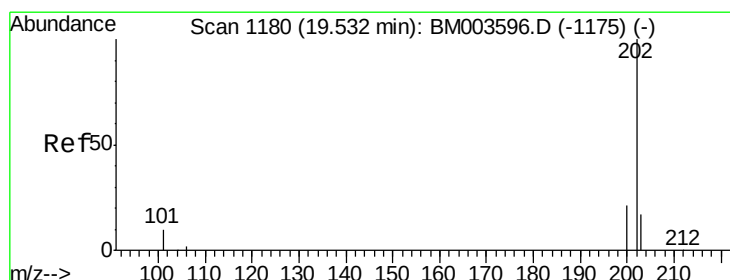
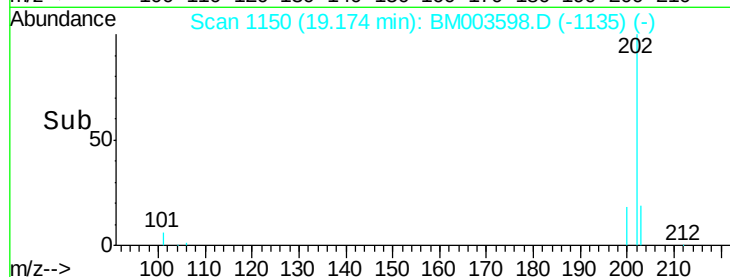
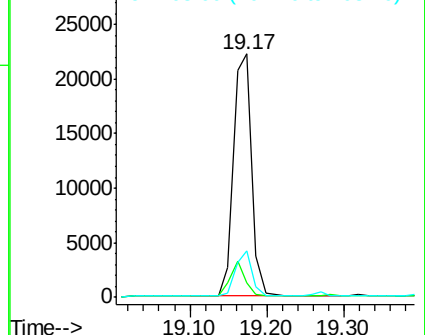
203 19.0 0.0 36.3



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: 0.75 ng/ul

RT: 19.54 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

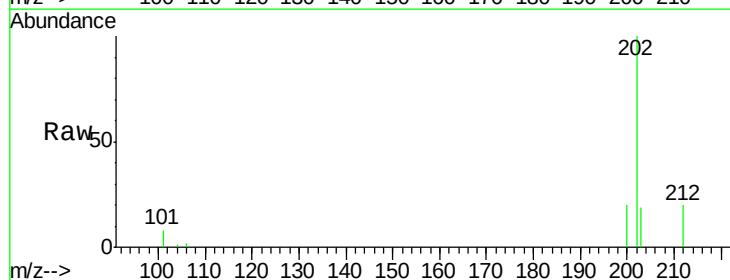
Tgt Ion:202 Resp: 25526

Ion Ratio Lower Upper

202 100

200 19.7 17.8 26.8

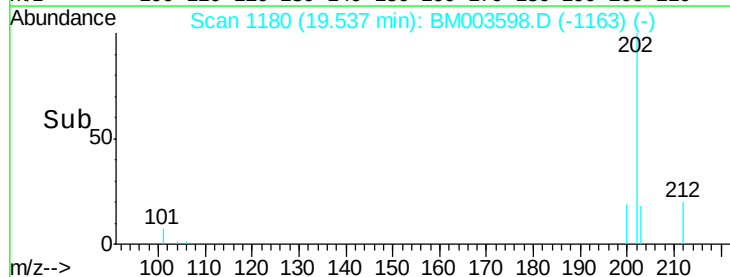
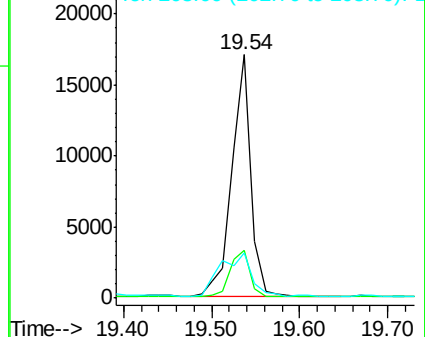
203 18.7 12.8 19.2

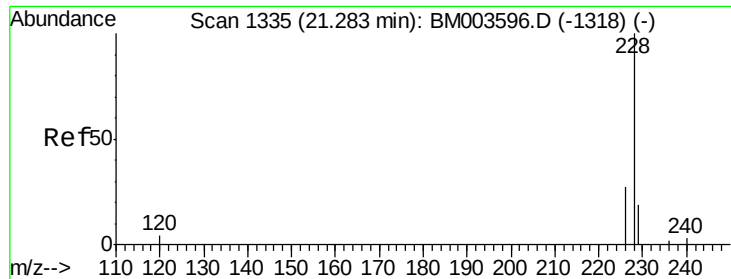


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.16 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

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D9N46

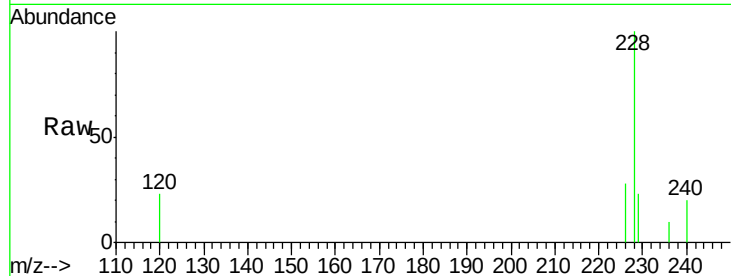
Tgt Ion:228 Resp: 4850

Ion Ratio Lower Upper

228 100

226 28.4 18.8 28.2#

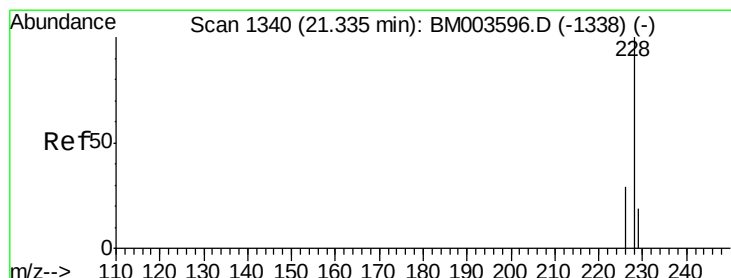
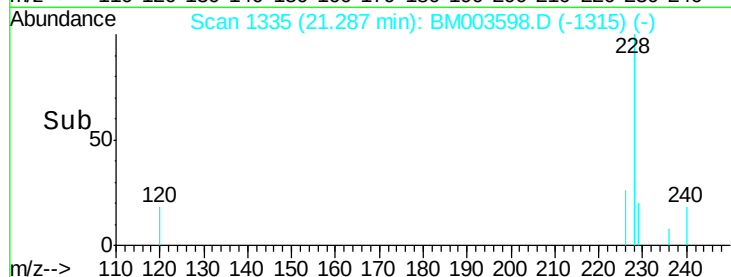
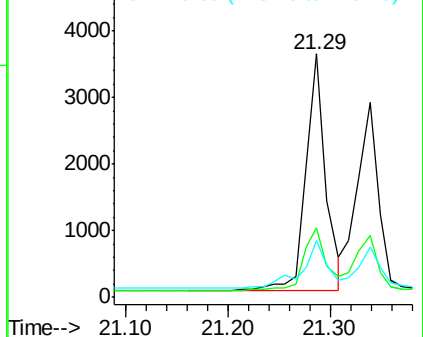
229 23.1 17.1 25.7



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: 0.14 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.05 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

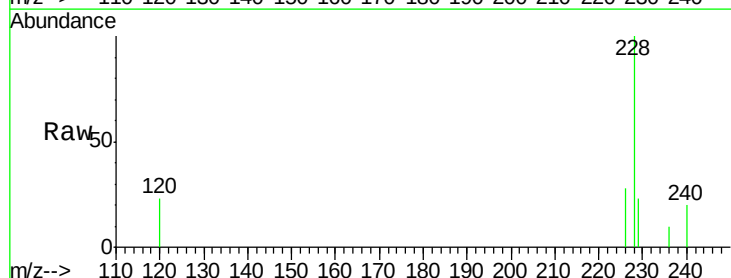
Tgt Ion:228 Resp: 4850

Ion Ratio Lower Upper

228 100

226 28.4 21.2 31.8

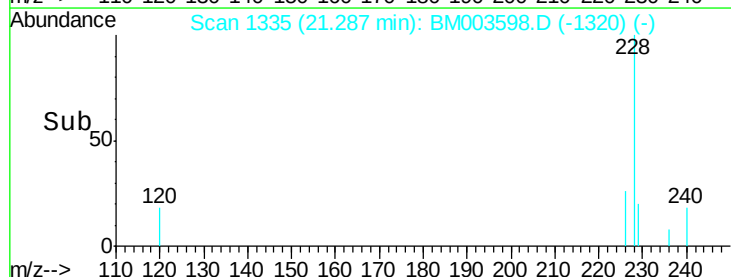
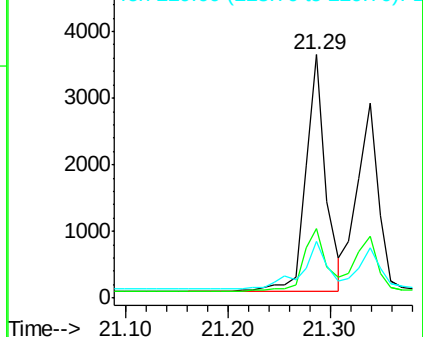
229 23.1 17.0 25.6

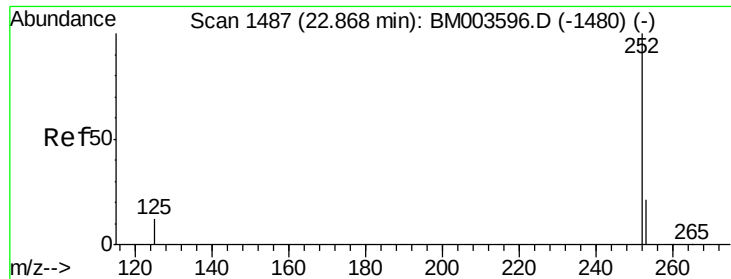


Abundance Ion 228.00 (227.70 to 228.70): E

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/ul

RT: 22.87 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

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D9N46

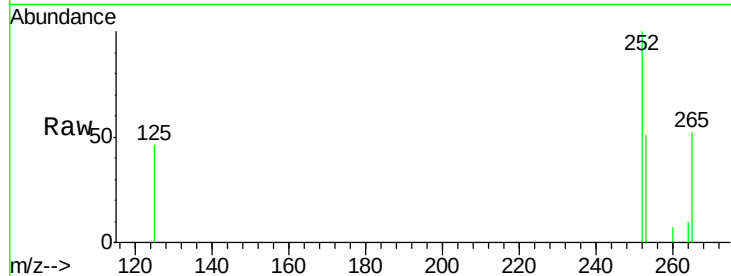
Tgt Ion:252 Resp: 1631

Ion Ratio Lower Upper

252 100

253 50.5 0.0 45.4#

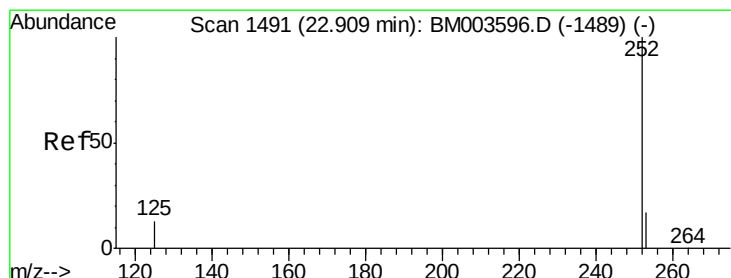
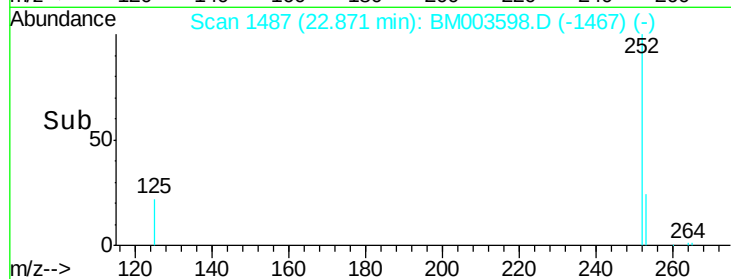
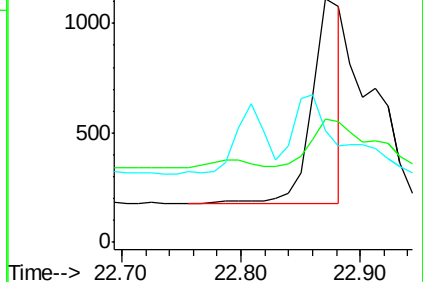
125 46.1 0.0 28.8#



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: 22.87 min Scan# 1487

Delta R.T. -0.04 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

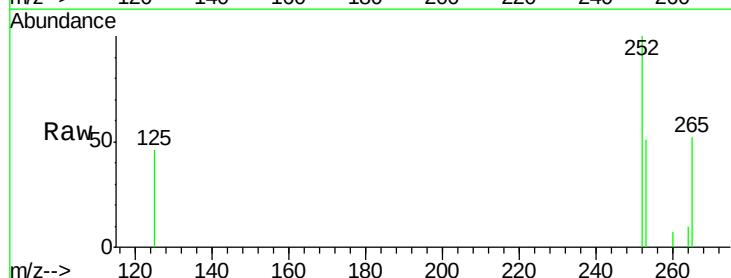
Tgt Ion:252 Resp: 2944

Ion Ratio Lower Upper

252 100

253 50.5 19.8 29.8#

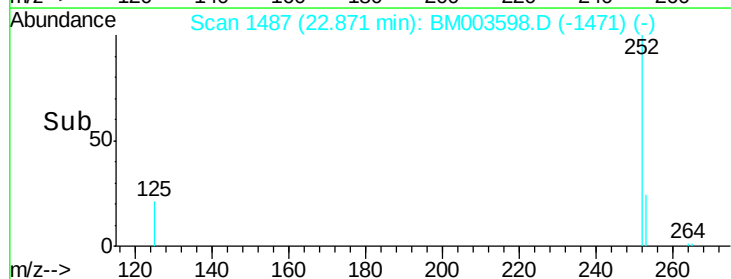
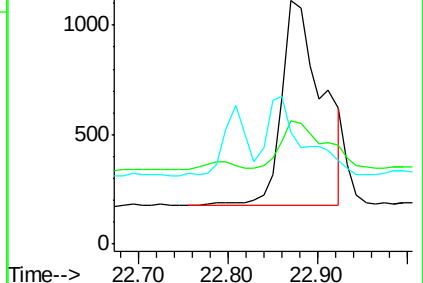
125 46.1 10.4 15.6#

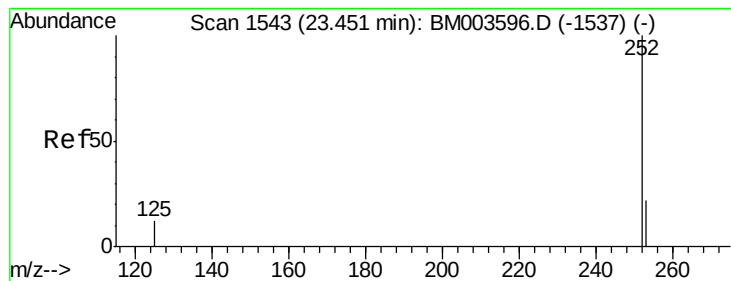


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.35 min Scan# 1533

Delta R.T. -0.10 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

ClientSampleId :

D9N46

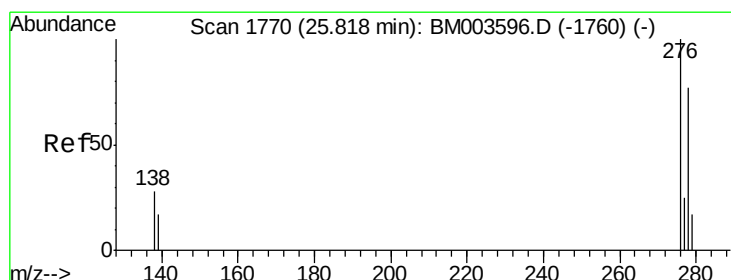
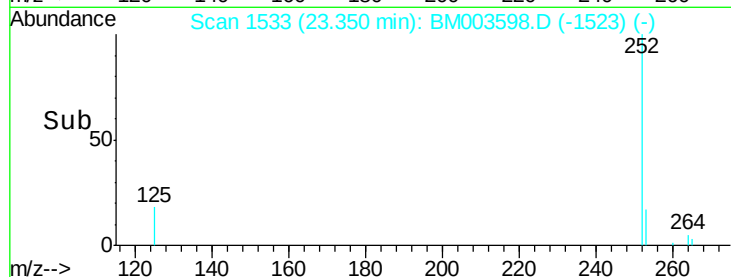
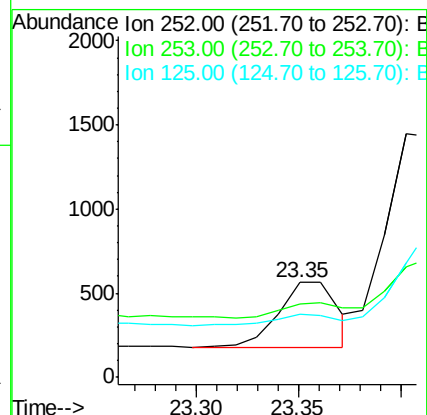
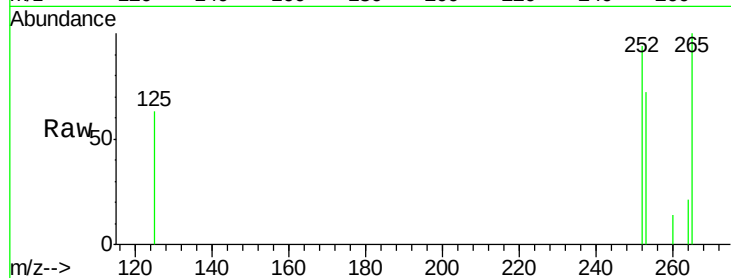
Tgt Ion:252 Resp: 778

Ion Ratio Lower Upper

252 100

253 76.6 19.4 29.2#

125 66.5 12.7 19.1#



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.57 min Scan# 1746

Delta R.T. -0.25 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

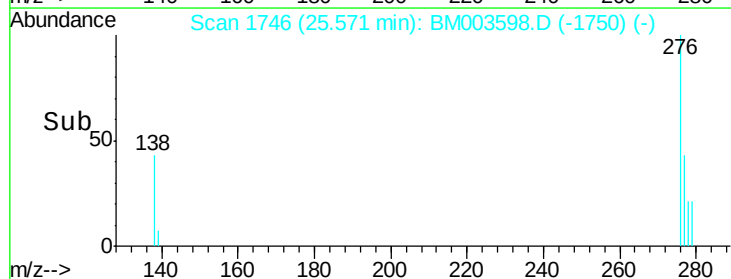
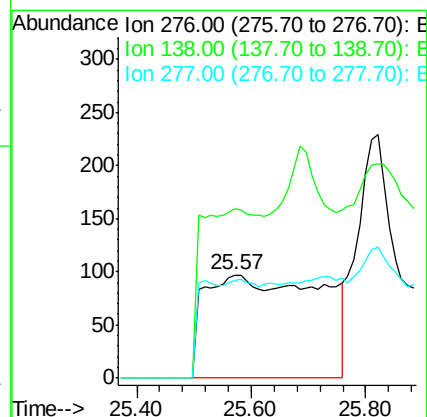
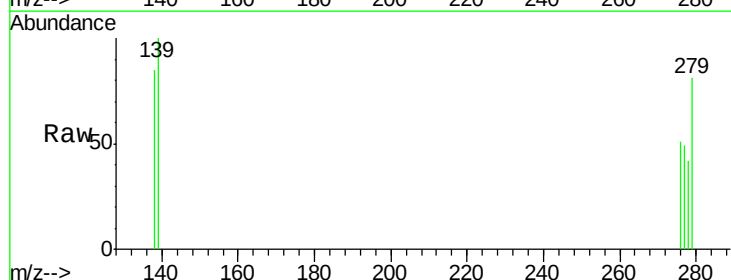
Tgt Ion:276 Resp: 1360

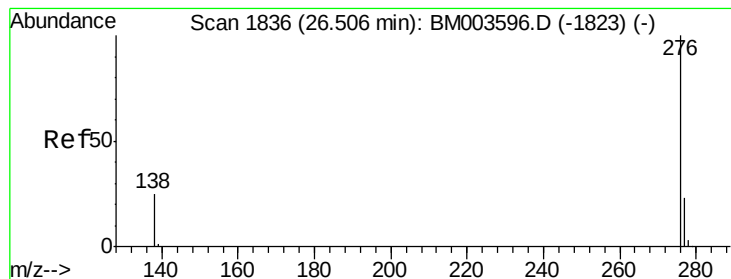
Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

277 0.0 19.8 29.8#





#28
 Benzo(g,h,i)perylene
 Concen: 0.00 ng/ul
 RT: 26.35 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: BM003598.D
 Acq: 17 Dec 2015 14:26

Instrument :
 BNA_M
 ClientSampleId :
 D9N46

Tgt Ion: 276 Resp: 16
 Ion Ratio Lower Upper
 276 100
 277 107.6 18.9 28.3#
 138 194.9 22.5 33.7#

