

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N62

Quant Time: Dec 29 08:22:32 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 : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4046	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18146	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11170	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1755605	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	18561	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1320964	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	25604	14.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	10279	0.47	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	24125	0.01	ng/ul	0.00

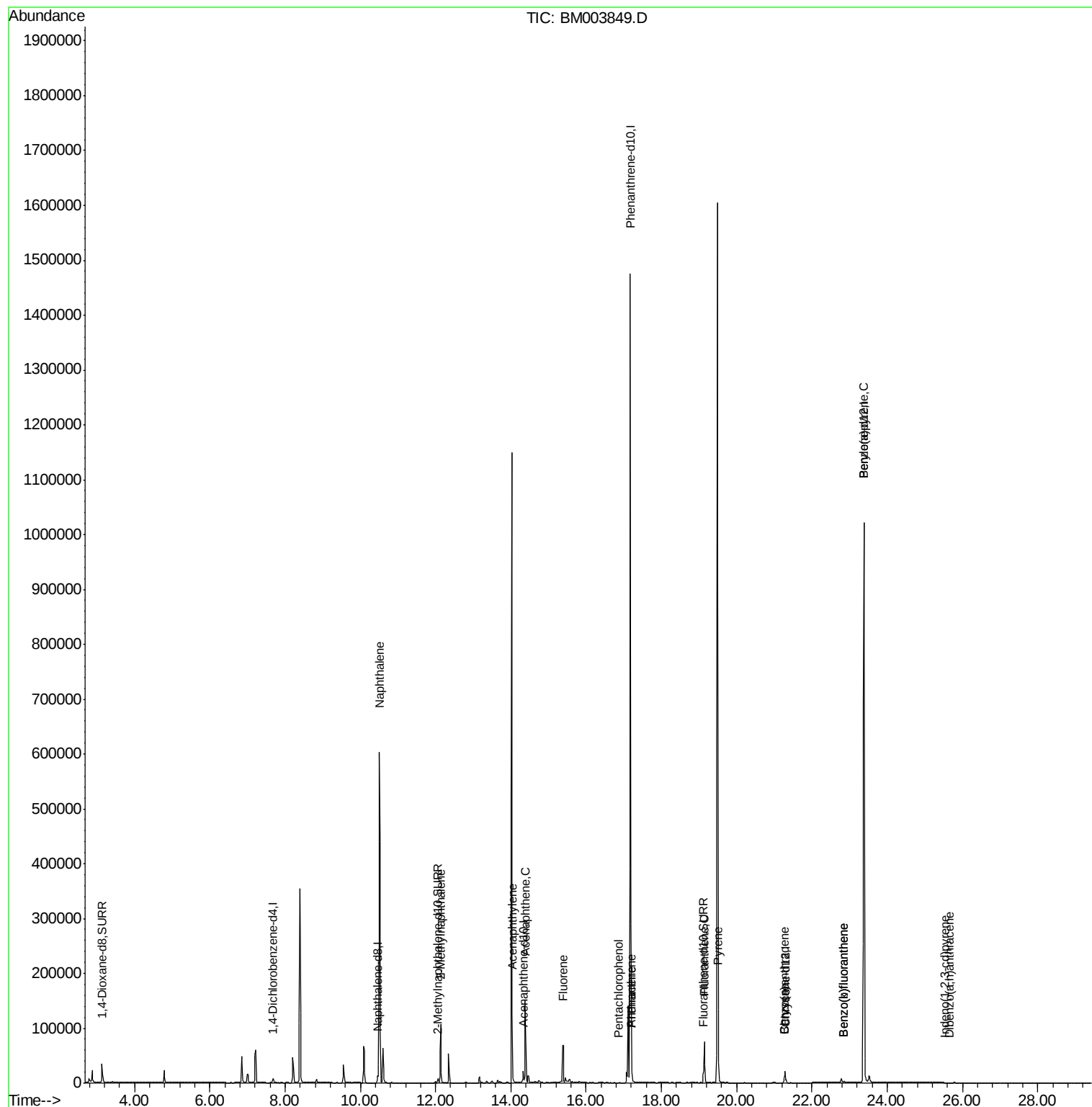
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.51	128	842545	20.61	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	76154	2.77	ng/ul	99
9) Acenaphthylene	14.04	152	8594	0.20	ng/ul#	96
10) Acenaphthene	14.38	153	97626	2.84	ng/ul#	80
11) Fluorene	15.39	166	66952	1.76	ng/ul	97
13) Pentachlorophenol	16.87	266	9	0.00	ng/ul#	34
14) Phenanthrene	17.21	178	14114	0.00	ng/ul	98
15) Anthracene	17.21	178	14039	0.00	ng/ul	98
17) Fluoranthene	19.14	202	68724	0.01	ng/ul	99
19) Pyrene	19.51	202	50052	1.00	ng/ul	98
20) Benzo(a)anthracene	21.26	228	5849	0.13	ng/ul#	94
21) Chrysene	21.26	228	5856	0.11	ng/ul	98
23) Benzo(b)fluoranthene	22.85	252	1900	0.00	ng/ul#	49
24) Benzo(k)fluoranthene	22.85	252	3220	0.00	ng/ul#	51
25) Benzo(a)pyrene	23.38	252	7100	0.00	ng/ul#	55
26) Indeno(1,2,3-cd)pyrene	25.53	276	899	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.66	278	1050	0.00	ng/ul#	1

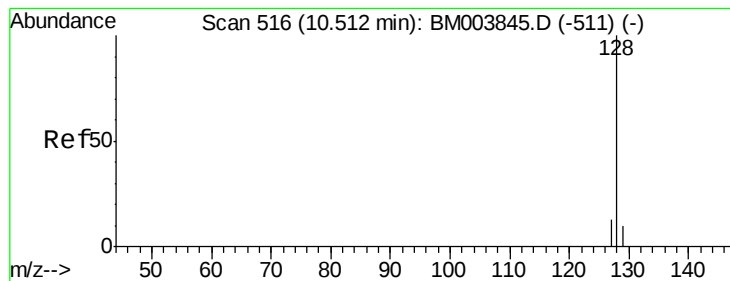
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 20.61 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62

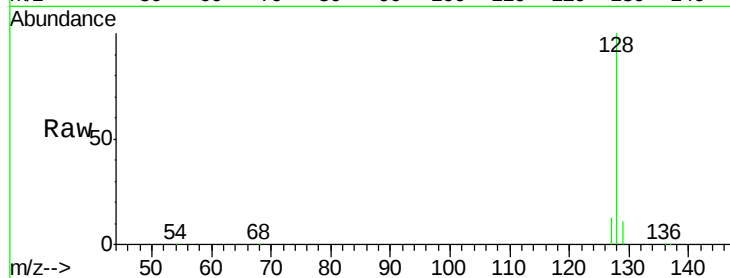
Tgt Ion:128 Resp: 842545

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

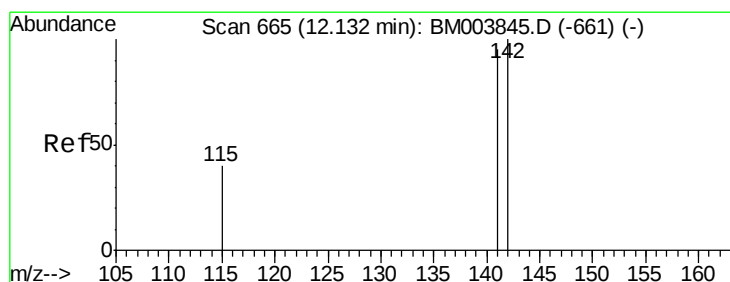
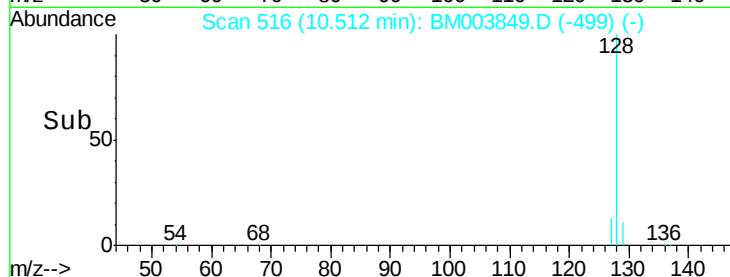
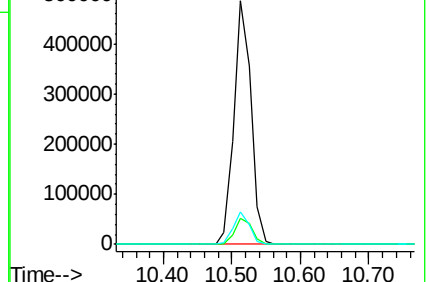
127 13.2 9.6 14.4



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: 2.77 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003849.D

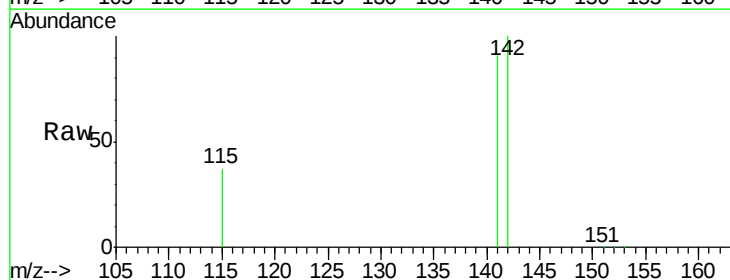
Acq: 29 Dec 2015 04:07

Tgt Ion:142 Resp: 76154

Ion Ratio Lower Upper

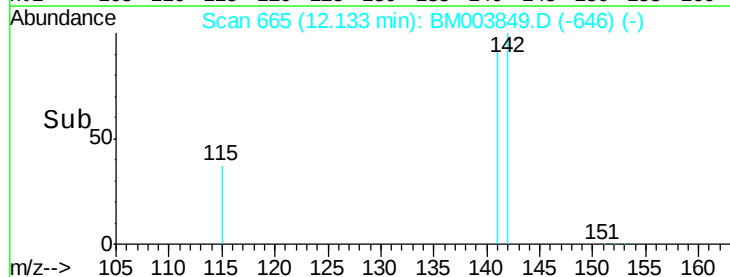
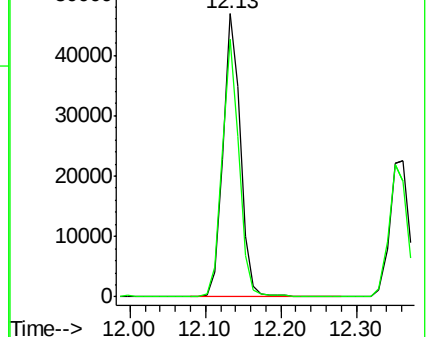
142 100

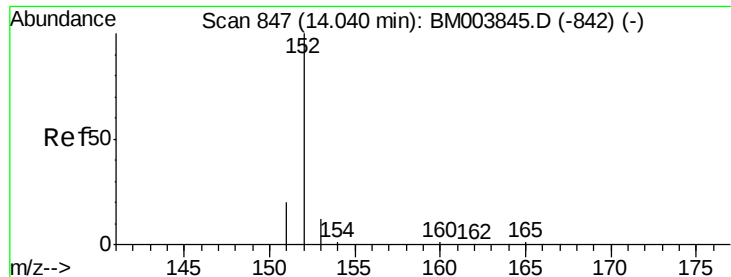
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62

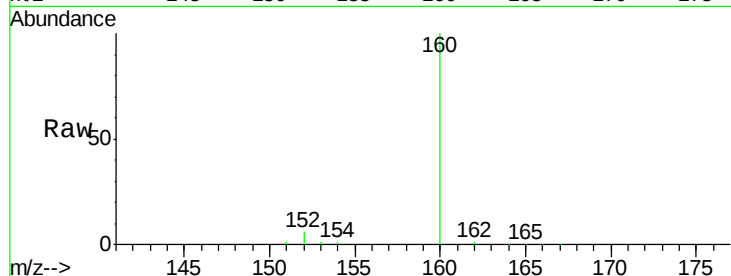
Tgt Ion:152 Resp: 8594

Ion Ratio Lower Upper

152 100

151 21.2 17.6 26.4

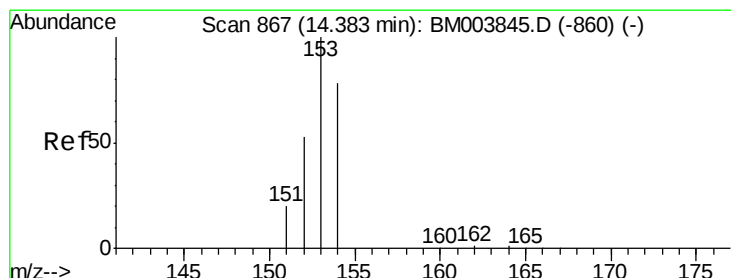
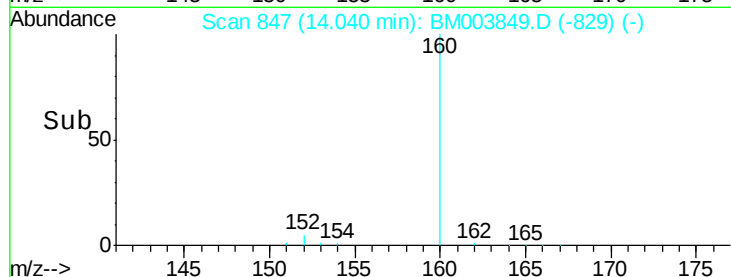
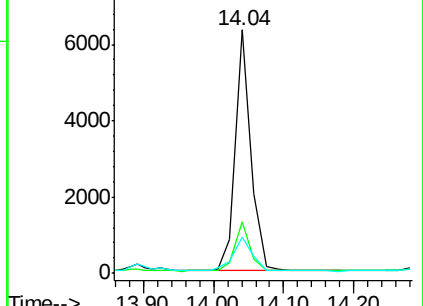
153 14.9 9.7 14.5#



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: 2.84 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

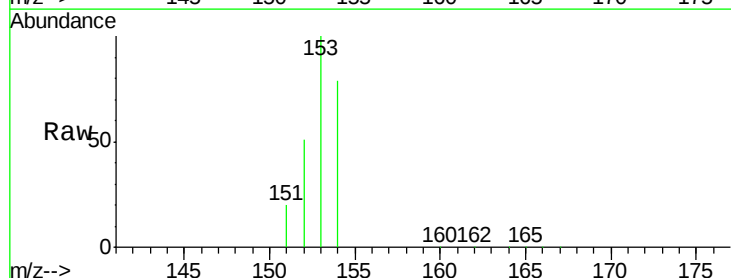
Tgt Ion:153 Resp: 97626

Ion Ratio Lower Upper

153 100

152 51.4 33.9 50.9#

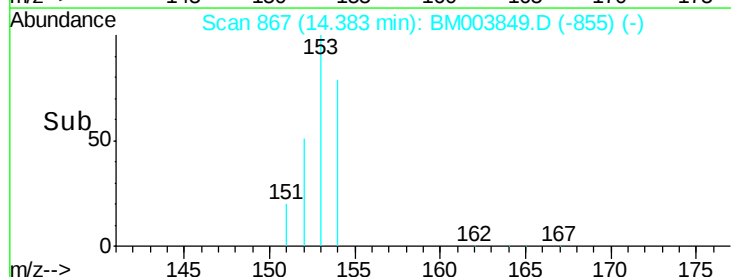
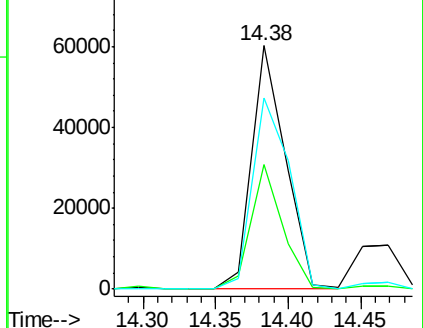
154 78.6 80.6 121.0#

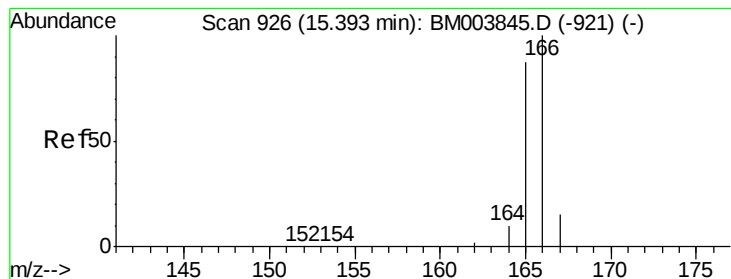


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 1.76 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62

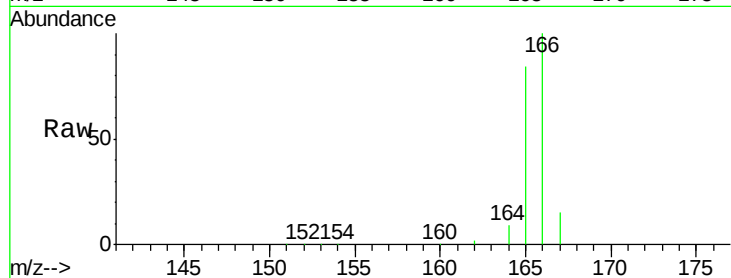
Tgt Ion:166 Resp: 66952

Ion Ratio Lower Upper

166 100

165 83.5 69.6 104.4

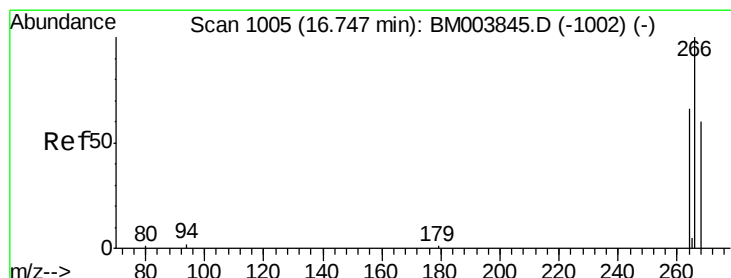
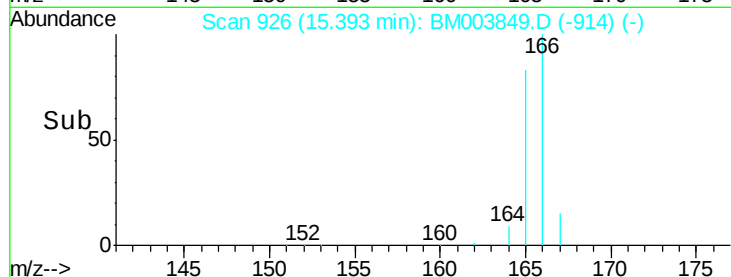
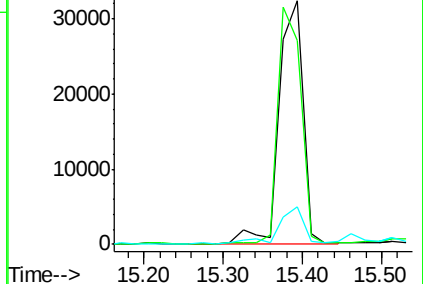
167 15.3 11.9 17.9



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. 0.12 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

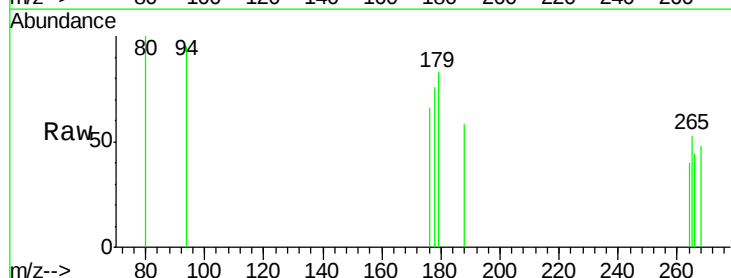
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

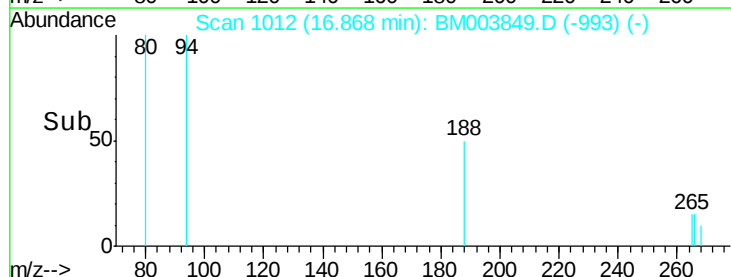
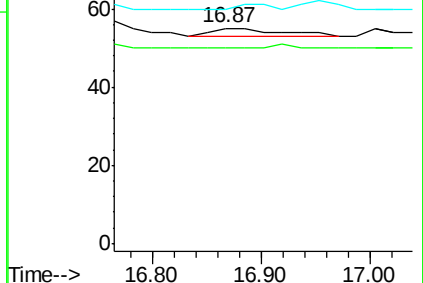
268 22.2 46.8 70.2#

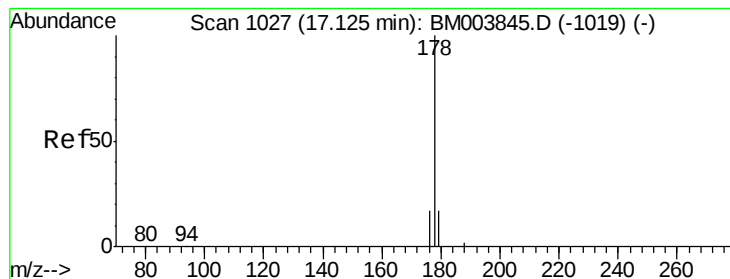


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.21 min Scan# 1032

Delta R.T. 0.09 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62

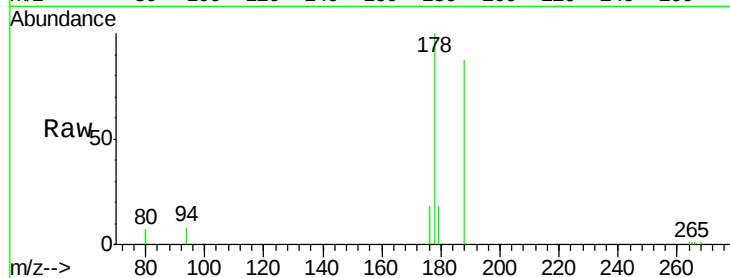
Tgt Ion:178 Resp: 14114

Ion Ratio Lower Upper

178 100

176 18.0 13.0 19.4

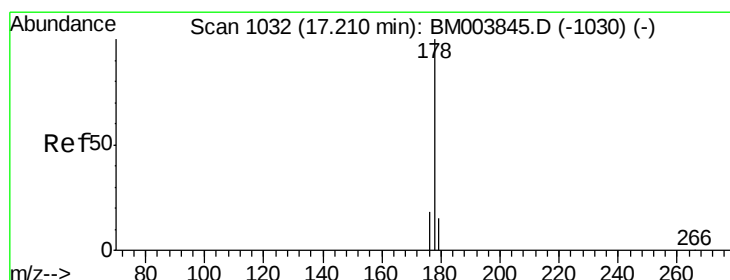
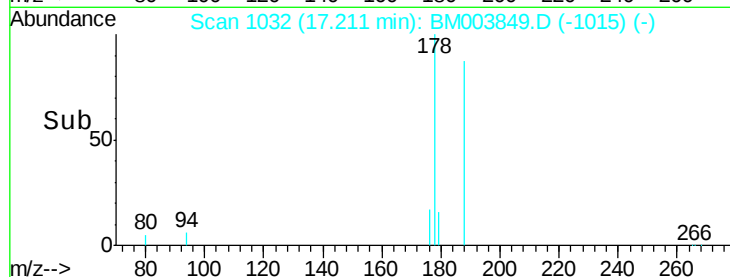
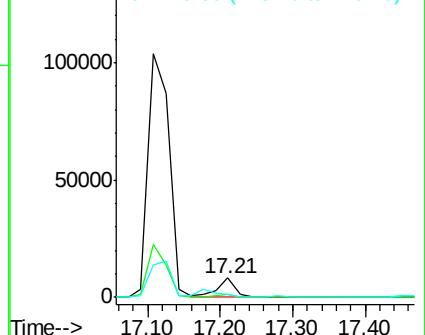
179 17.6 14.2 21.2



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: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

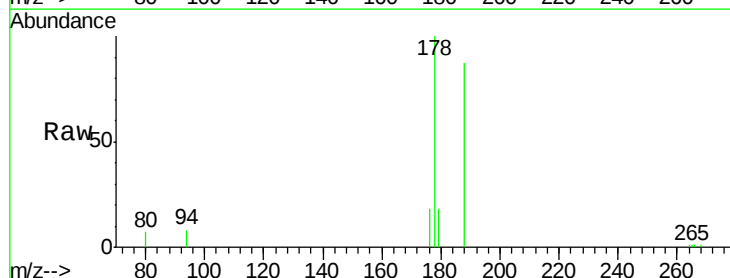
Tgt Ion:178 Resp: 14039

Ion Ratio Lower Upper

178 100

176 18.0 14.0 21.0

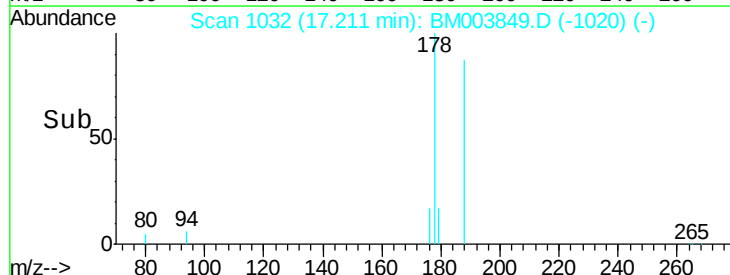
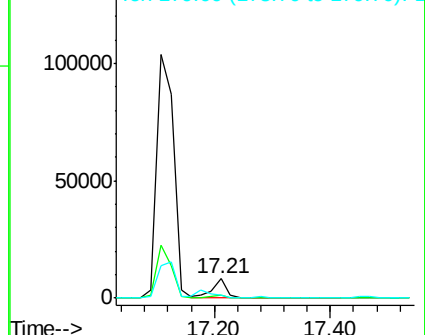
179 17.6 12.9 19.3

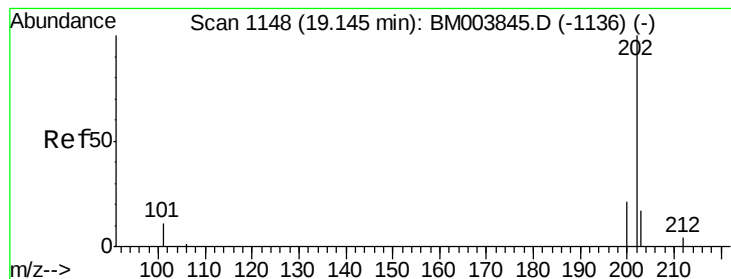


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62

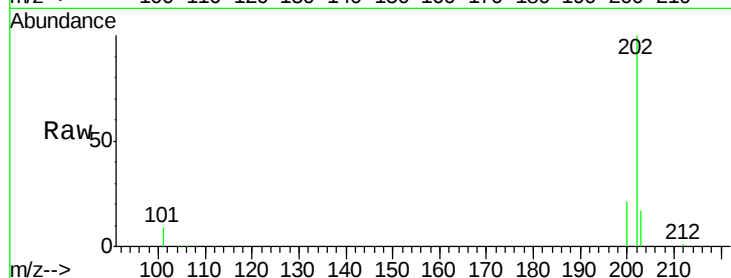
Tgt Ion:202 Resp: 68724

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.6

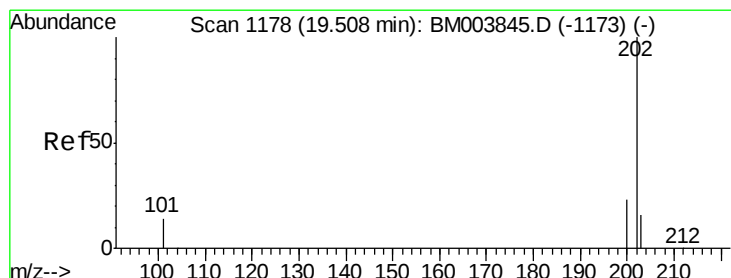
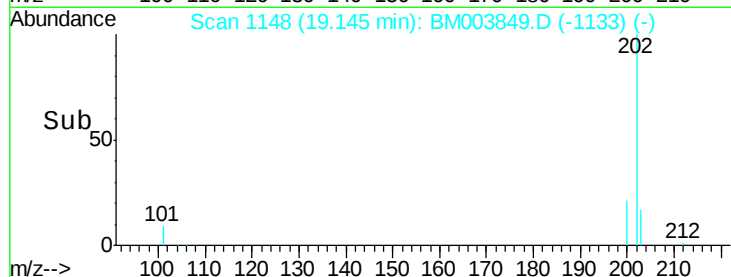
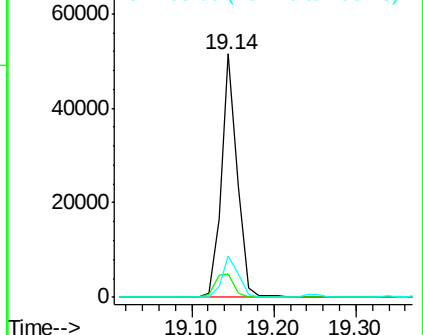
203 16.9 0.0 36.3



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: 1.00 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

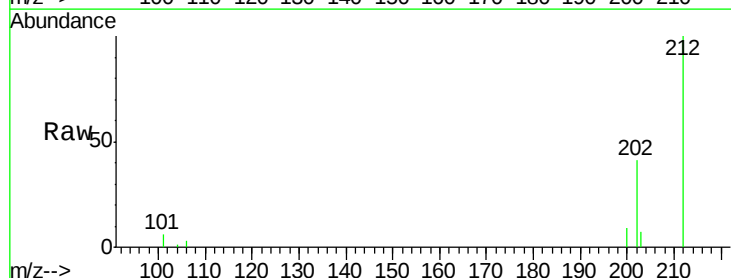
Tgt Ion:202 Resp: 50052

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

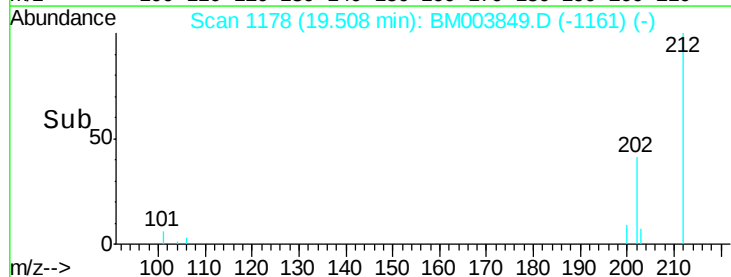
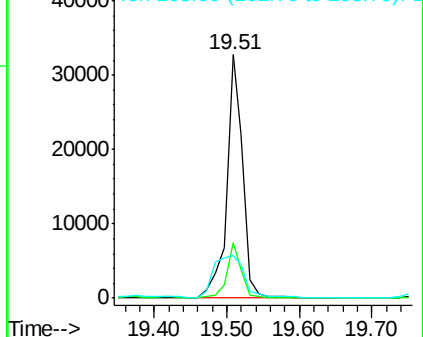
203 17.4 12.8 19.2

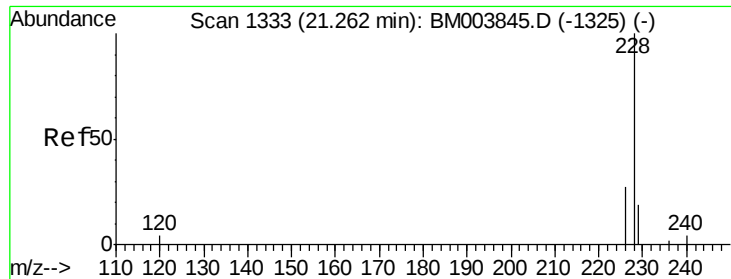


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.13 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

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D9N62

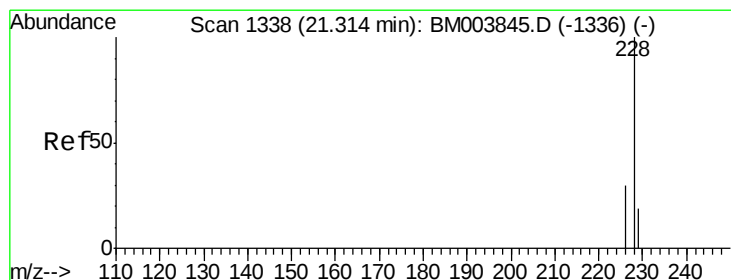
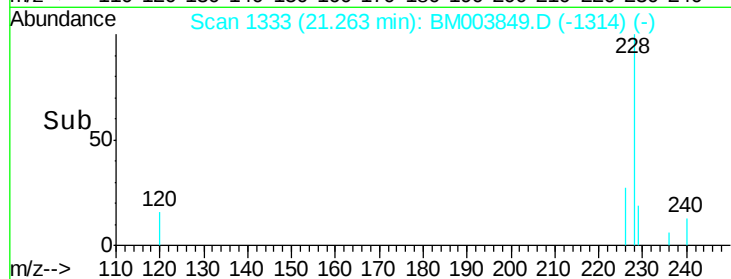
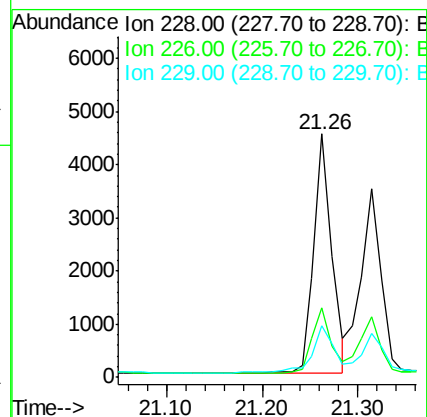
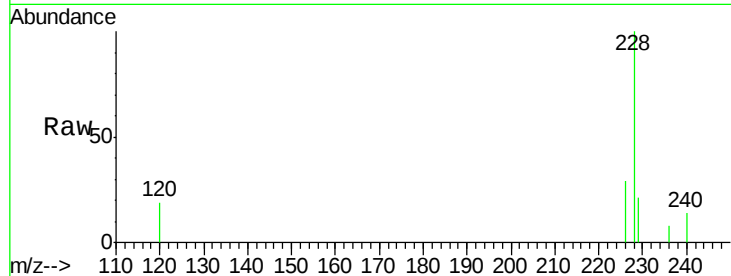
Tgt Ion:228 Resp: 5849

Ion Ratio Lower Upper

228 100

226 28.5 18.8 28.2#

229 21.1 17.1 25.7



#21

Chrysene

Concen: 0.11 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.05 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

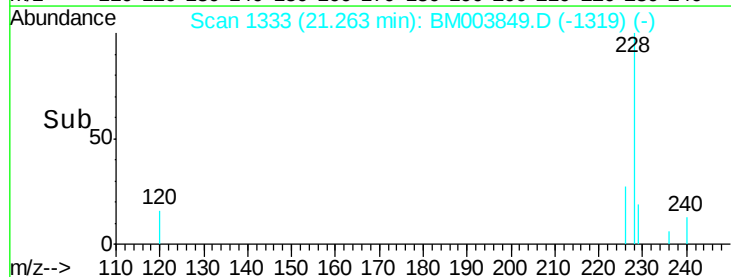
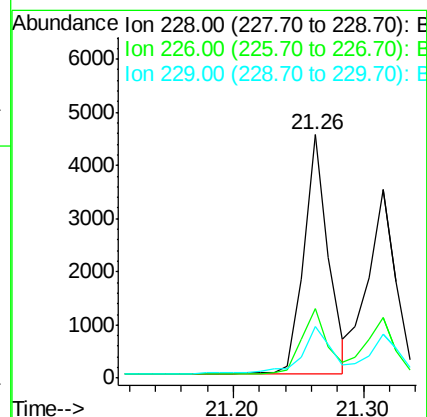
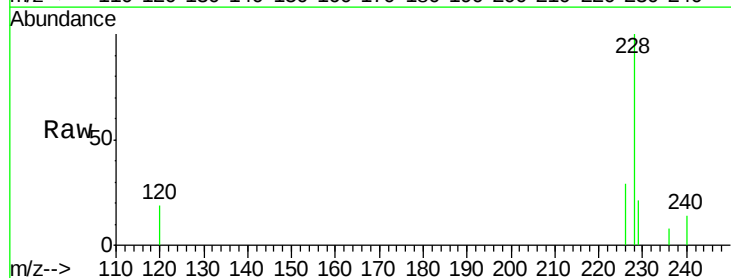
Tgt Ion:228 Resp: 5856

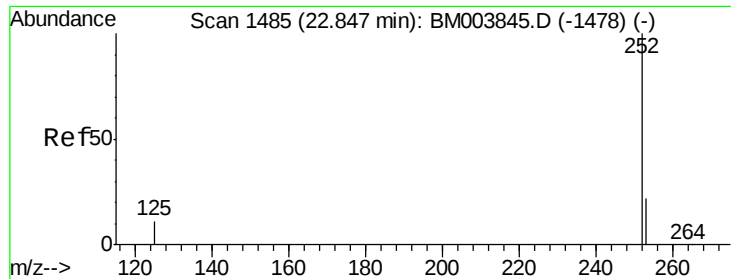
Ion Ratio Lower Upper

228 100

226 28.5 21.2 31.8

229 21.1 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.85 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

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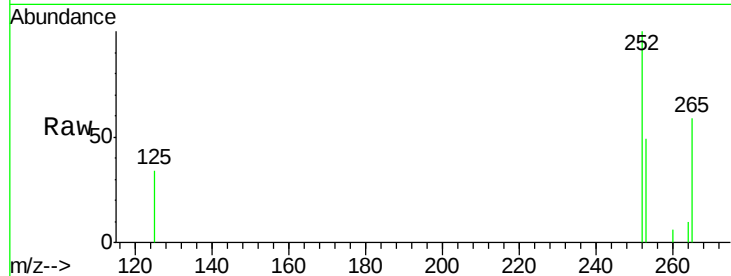
Tgt Ion:252 Resp: 1900

Ion Ratio Lower Upper

252 100

253 48.6 0.0 45.4#

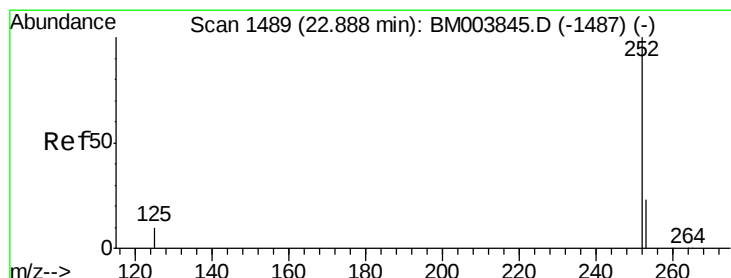
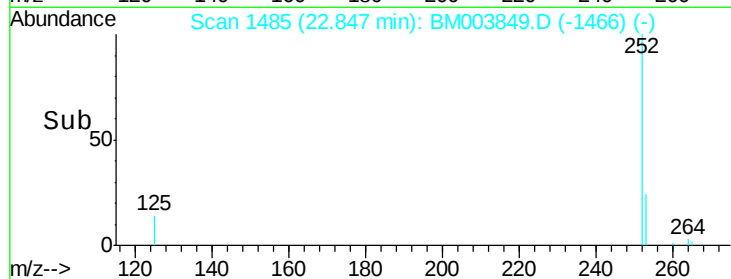
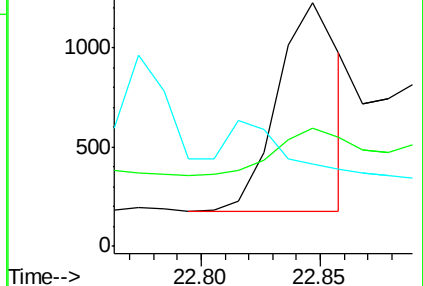
125 33.6 0.0 28.8#



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: 22.85 min Scan# 1485

Delta R.T. -0.04 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

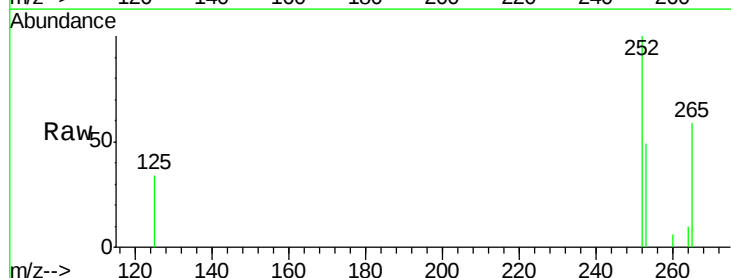
Tgt Ion:252 Resp: 3220

Ion Ratio Lower Upper

252 100

253 48.6 19.8 29.8#

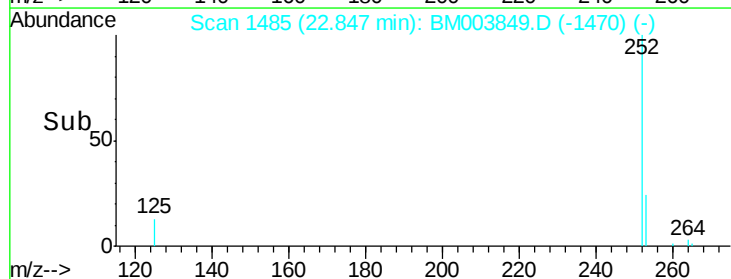
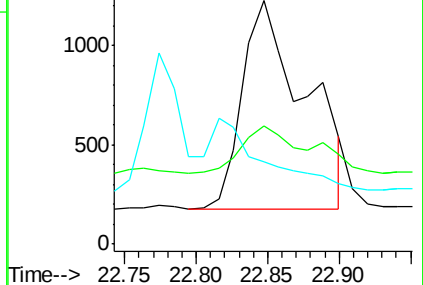
125 33.6 10.4 15.6#

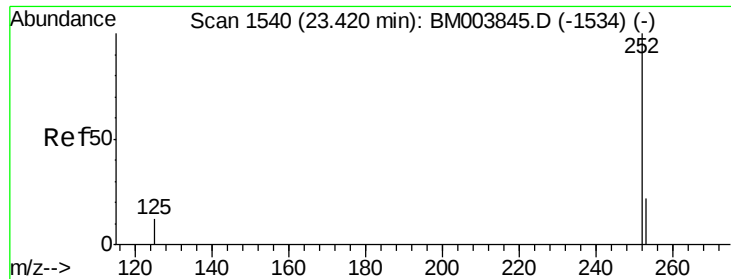


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.38 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62

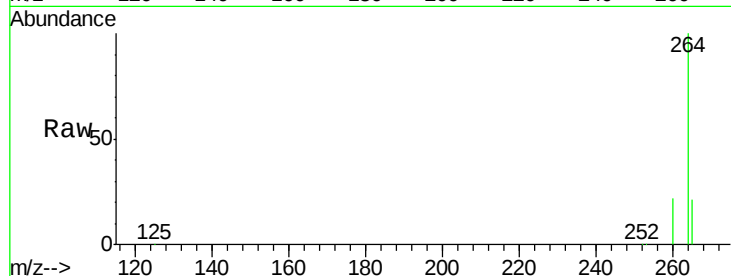
Tgt Ion:252 Resp: 7100

Ion Ratio Lower Upper

252 100

253 38.3 19.4 29.2#

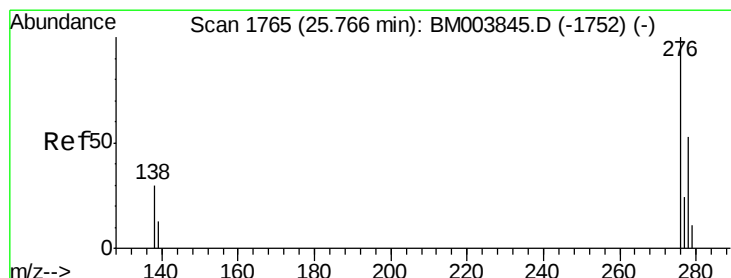
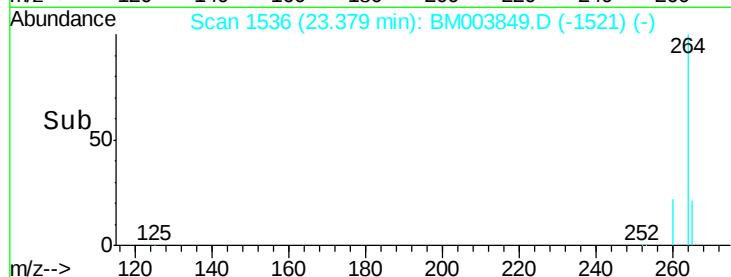
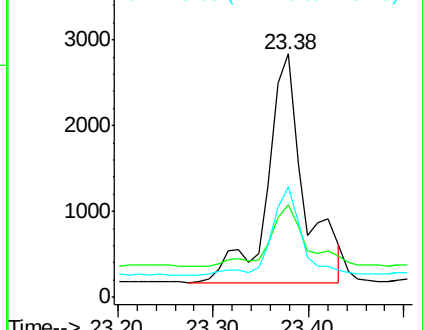
125 45.5 12.7 19.1#



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: 25.53 min Scan# 1742

Delta R.T. -0.24 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

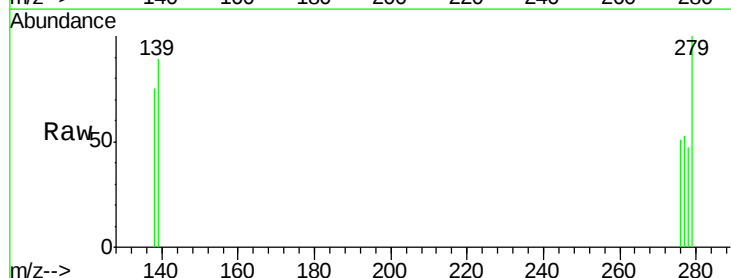
Tgt Ion:276 Resp: 899

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

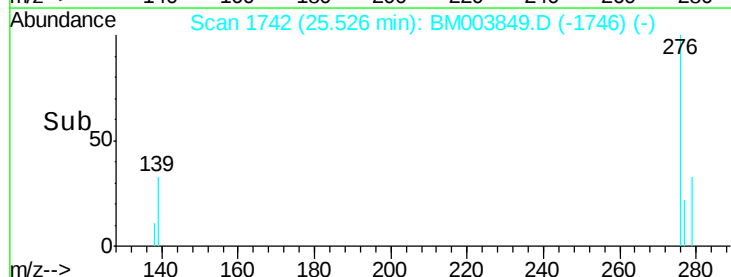
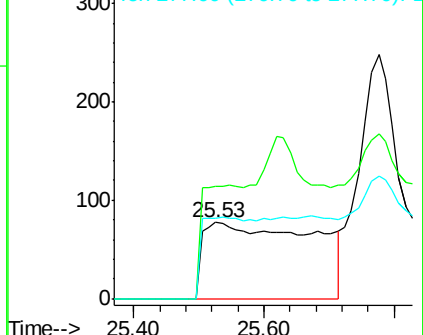
277 0.0 19.8 29.8#

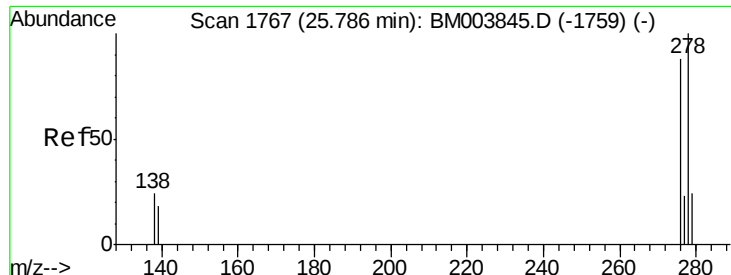


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.66 min Scan# 1755

Delta R.T. -0.12 min

Lab File: BM003849.D

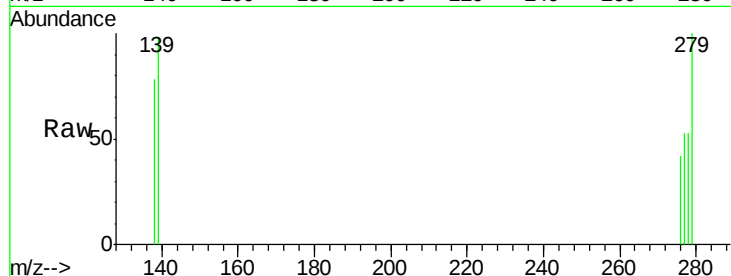
Acq: 29 Dec 2015 04:07

Instrument :

BNA_G

ClientSampleId :

D9N62



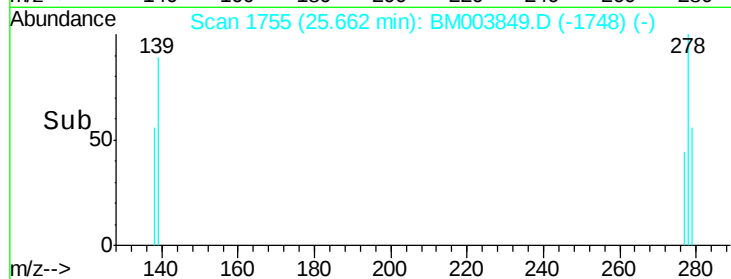
Tgt Ion: 278 Resp: 1050

Ion Ratio Lower Upper

278 100

139 186.6 16.4 24.6#

279 190.2 20.2 30.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

