

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003857.D
 Acq On : 29 Dec 2015 19:57
 Operator : SJ/UM
 Sample : G4848-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N59

Quant Time: Dec 30 03:33:50 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 : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

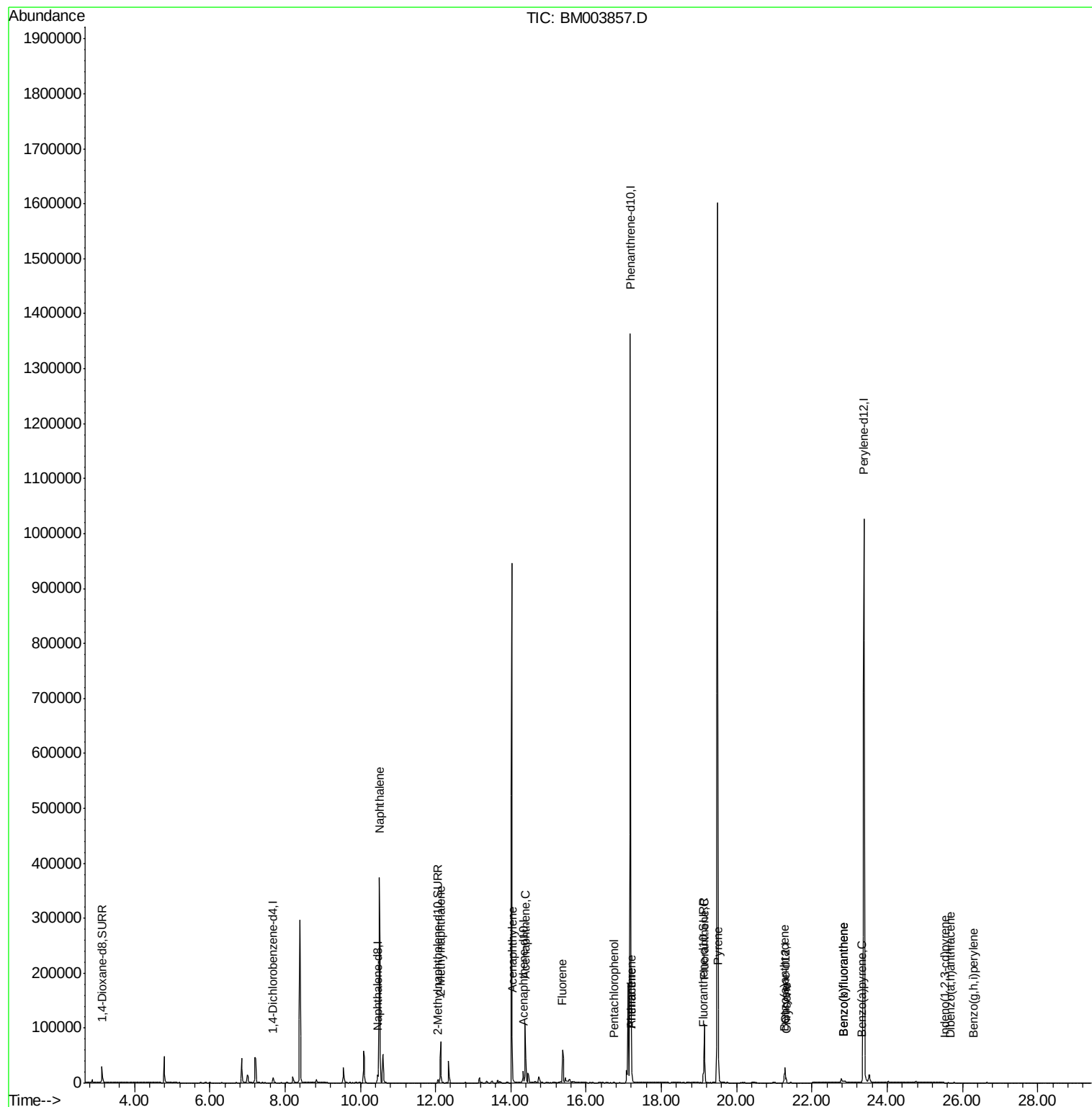
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4419	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	19697	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	12219	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1652720	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	24258	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1362599	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	21363	11.31	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8688	0.37	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	23027	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.51	128	504898	11.38	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	55576	1.87	ng/ul	100
9) Acenaphthylene	14.04	152	2828	0.06	ng/ul#	91
10) Acenaphthene	14.38	153	65951	1.75	ng/ul	83
11) Fluorene	15.38	166	51907	1.24	ng/ul#	77
13) Pentachlorophenol	16.75	266	113	0.00	ng/ul#	61
14) Phenanthrene	17.21	178	13955	0.00	ng/ul	98
15) Anthracene	17.21	178	14075	0.00	ng/ul	98
17) Fluoranthene	19.14	202	93402	0.02	ng/ul	98
19) Pyrene	19.51	202	66177	1.01	ng/ul	99
20) Benzo(a)anthracene	21.26	228	9715	0.16	ng/ul	94
21) Chrysene	21.31	228	8427	0.12	ng/ul	95
23) Benzo(b)fluoranthene	22.85	252	3214	0.00	ng/ul	72
24) Benzo(k)fluoranthene	22.85	252	5329	0.00	ng/ul#	73
25) Benzo(a)pyrene	23.32	252	1311	0.00	ng/ul#	36
26) Indeno(1,2,3-cd)pyrene	25.54	276	915	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.68	278	1031	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.29	276	12	0.00	ng/ul#	1

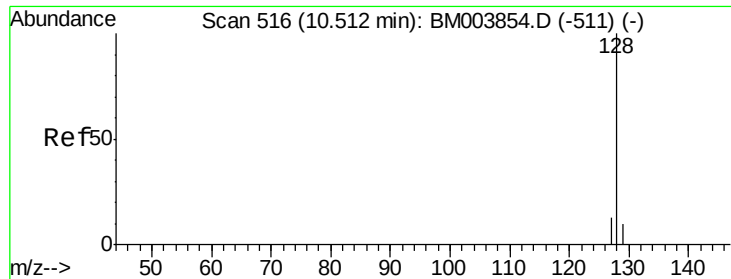
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 11.38 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

BNA_M

ClientSampleId :

D9N59

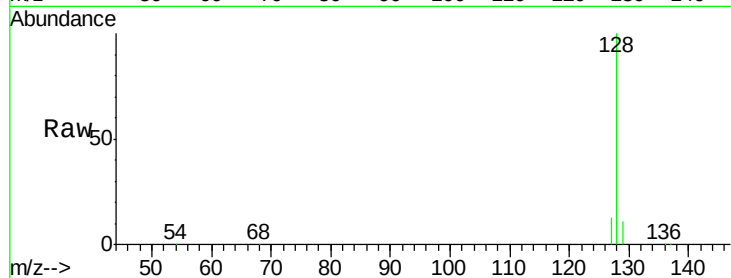
Tot Ion:128 Resp: 504898

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

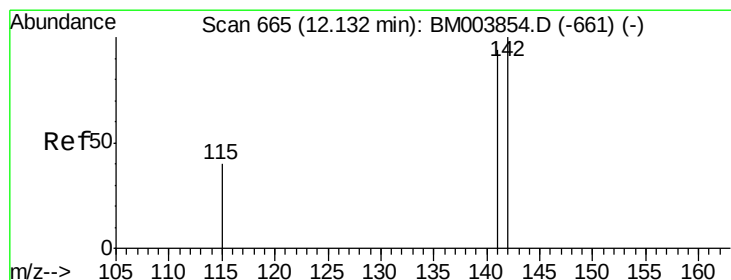
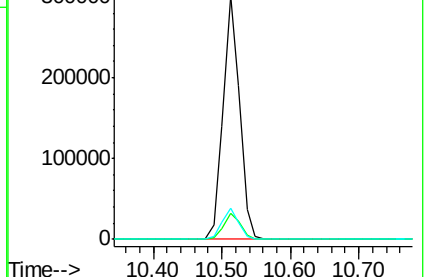
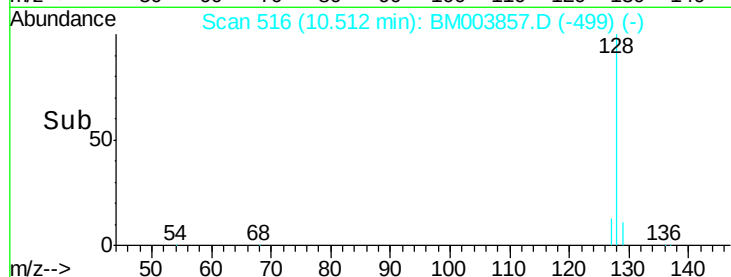
127 13.0 9.6 14.4



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: 1.87 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003857.D

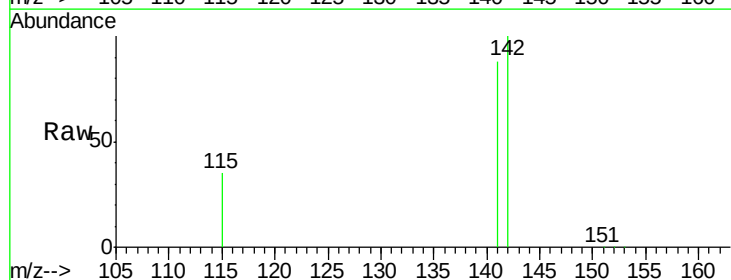
Acq: 29 Dec 2015 19:57

Tgt Ion:142 Resp: 55576

Ion Ratio Lower Upper

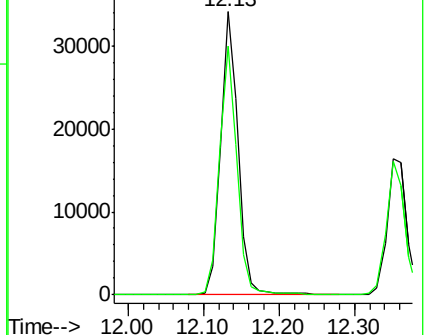
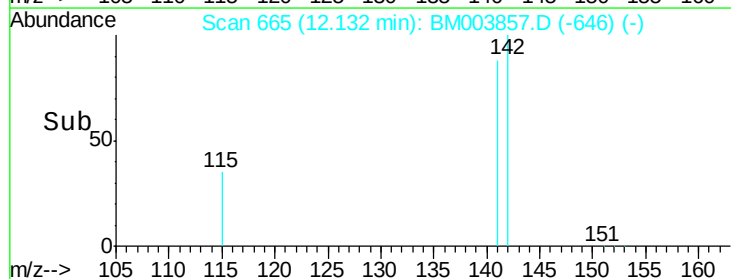
142 100

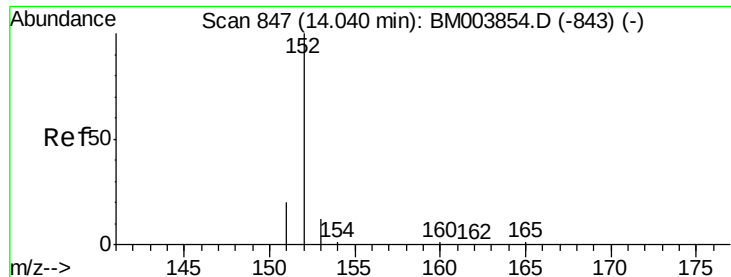
141 87.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

BNA_M

ClientSampleId :

D9N59

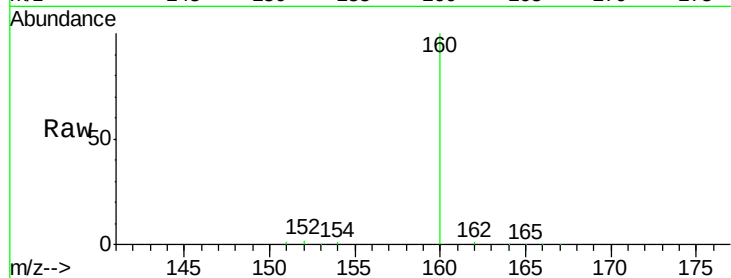
Tot Ion:152 Resp: 2828

Ion Ratio Lower Upper

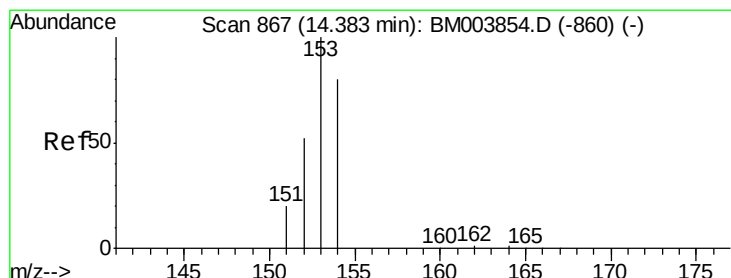
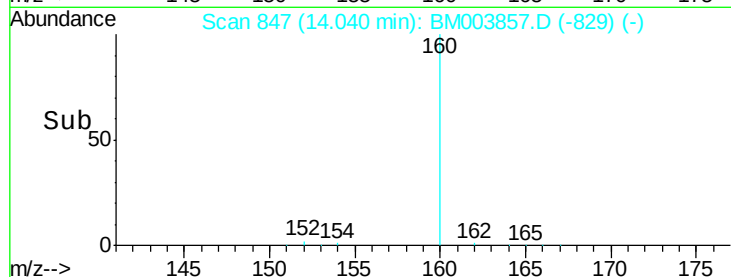
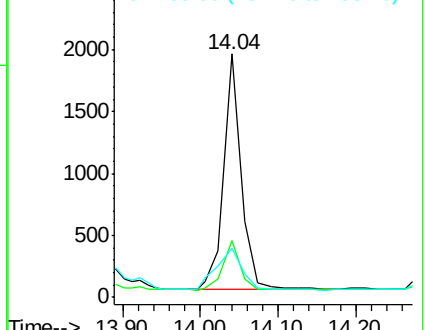
152 100

151 23.2 17.6 26.4

153 19.9 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: 1.75 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

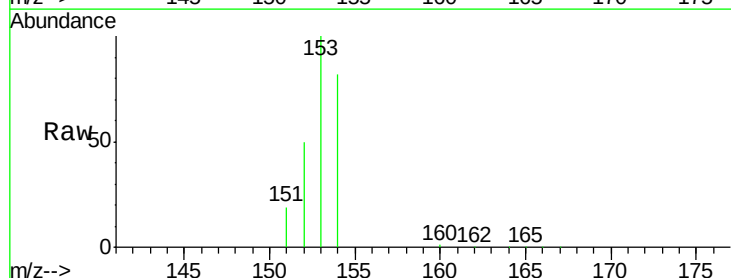
Tgt Ion:153 Resp: 65951

Ion Ratio Lower Upper

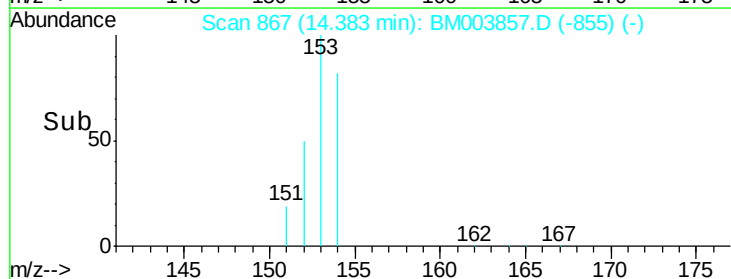
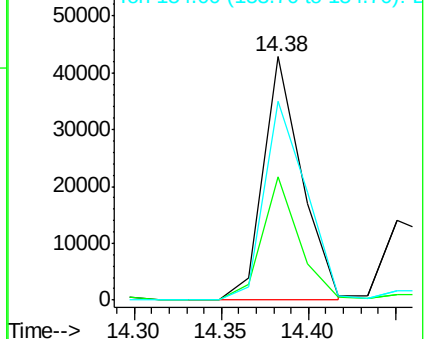
153 100

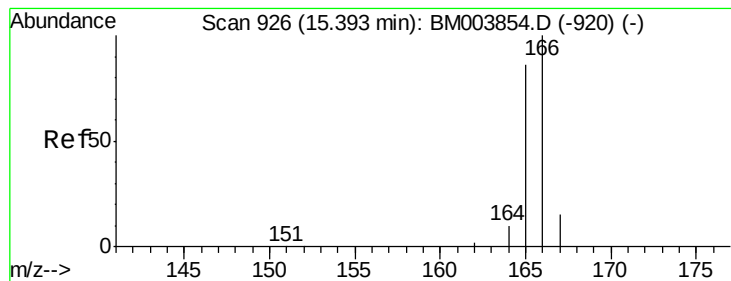
152 50.4 33.9 50.9

154 81.8 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: 1.24 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

BNA_M

ClientSampleId :

D9N59

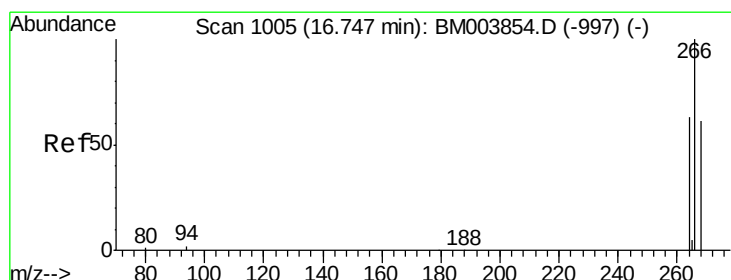
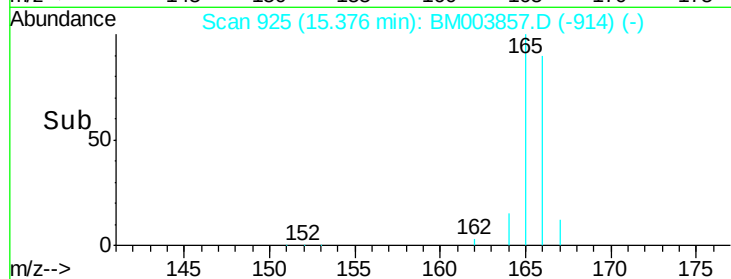
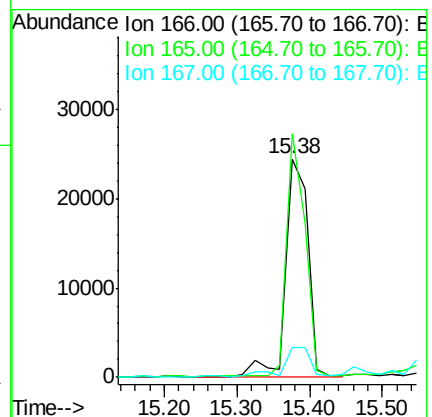
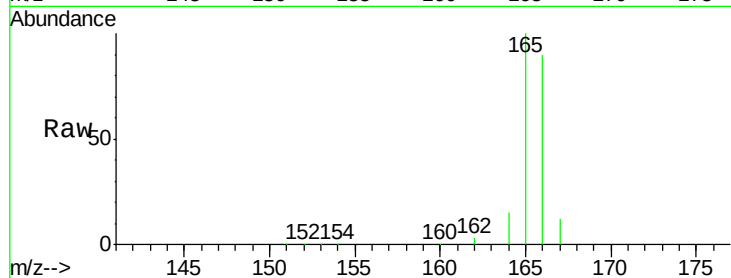
Tot Ion:166 Resp: 51907

Ion Ratio Lower Upper

166 100

165 111.4 69.6 104.4#

167 13.7 11.9 17.9



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

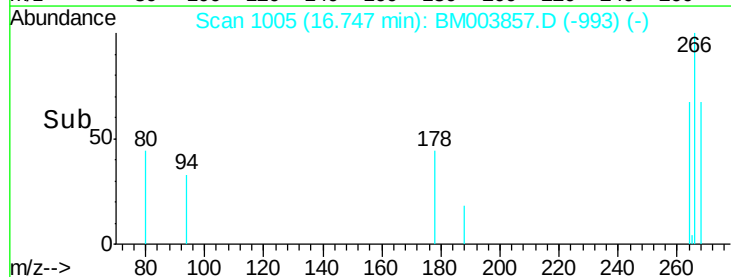
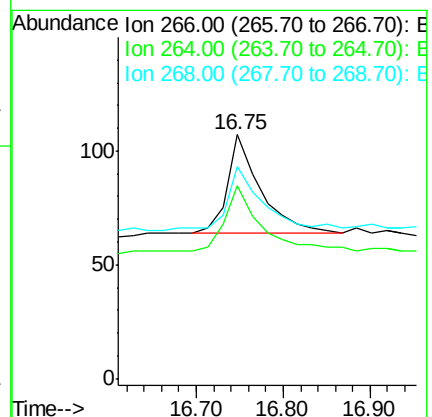
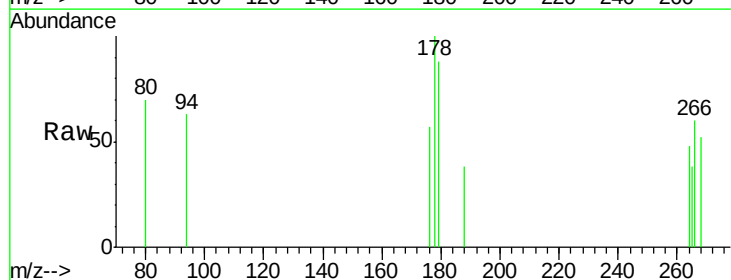
Tgt Ion:266 Resp: 113

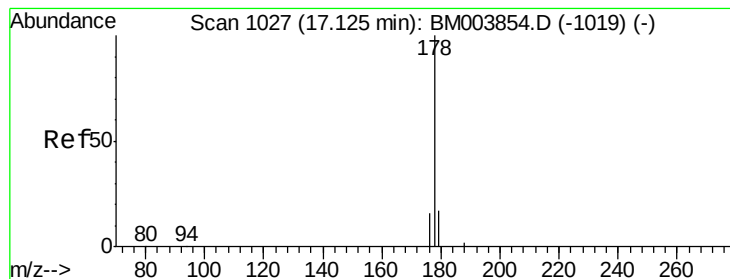
Ion Ratio Lower Upper

266 100

264 89.4 51.8 77.8#

268 94.7 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.09 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

BNA_M

ClientSampleId :

D9N59

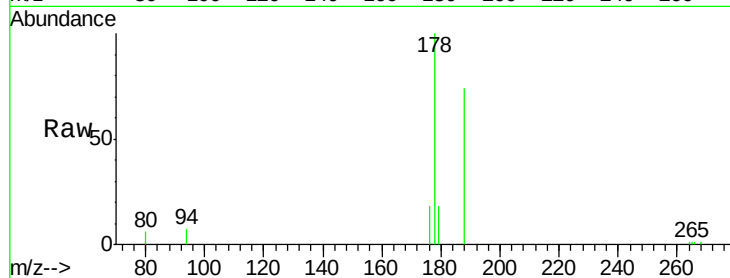
Tot Ion:178 Resp: 13955

Ion Ratio Lower Upper

178 100

176 17.5 13.0 19.4

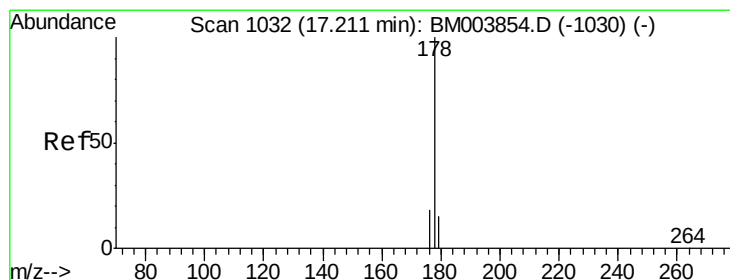
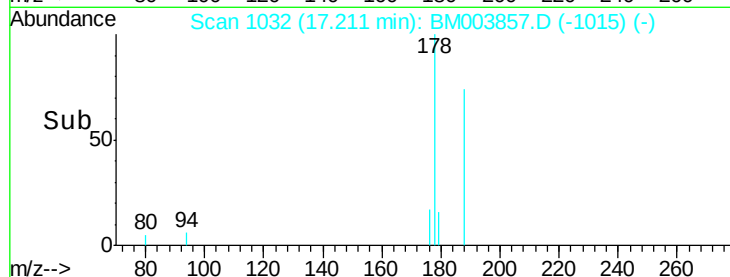
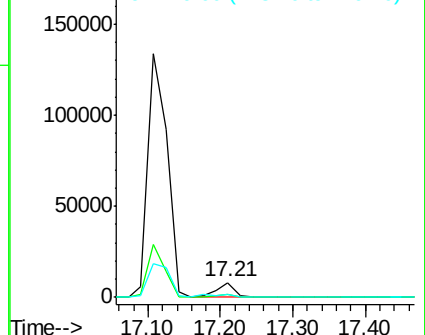
179 17.8 14.2 21.2



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: BM003857.D

Acq: 29 Dec 2015 19:57

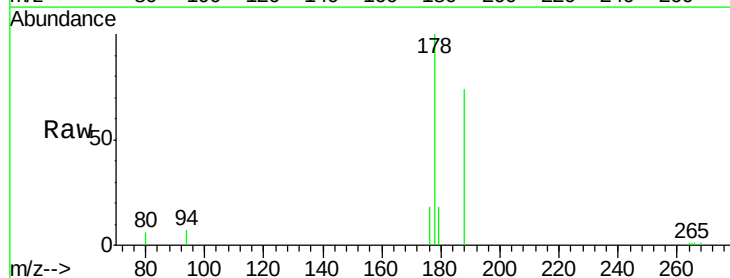
Tgt Ion:178 Resp: 14075

Ion Ratio Lower Upper

178 100

176 17.5 14.0 21.0

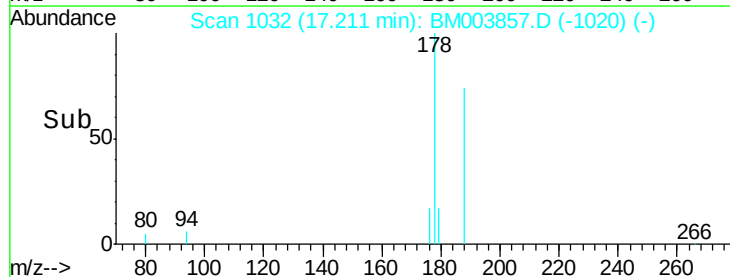
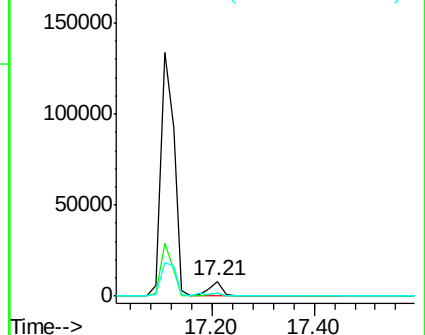
179 17.8 12.9 19.3

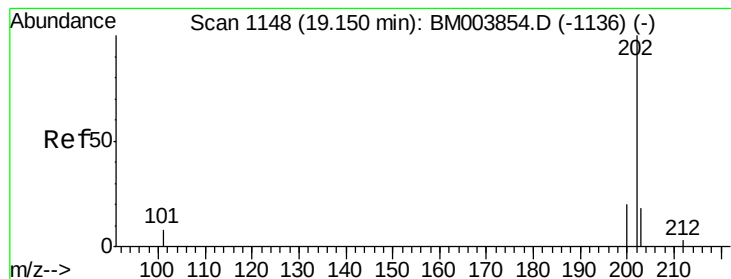


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

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ClientSampleId :

D9N59

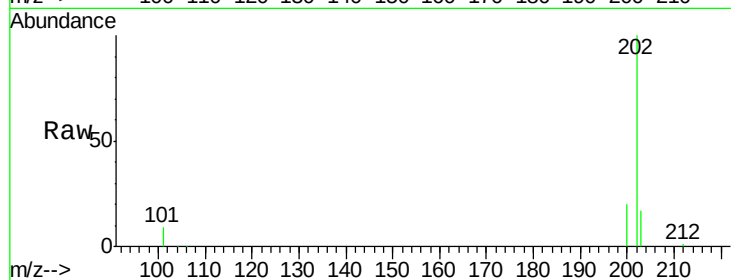
Tot Ion:202 Resp: 93402

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

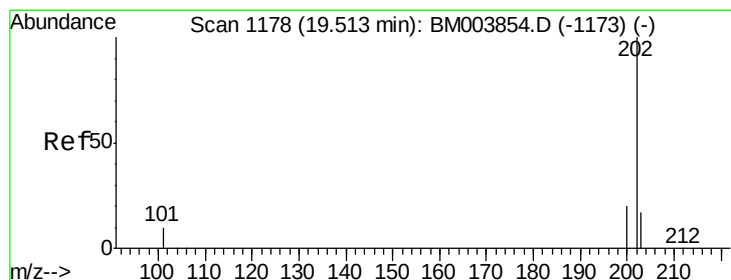
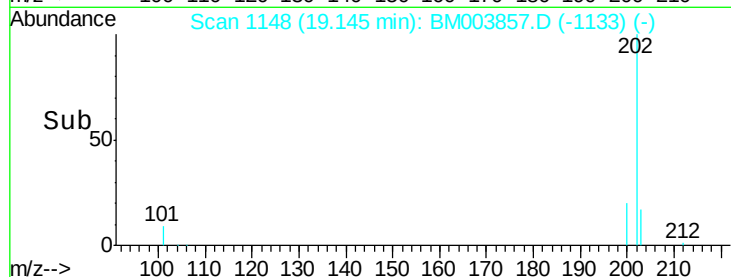
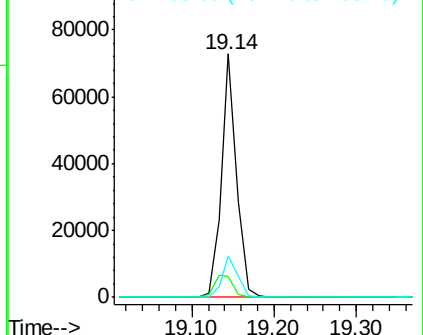
203 16.9 0.0 36.3



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: 1.01 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

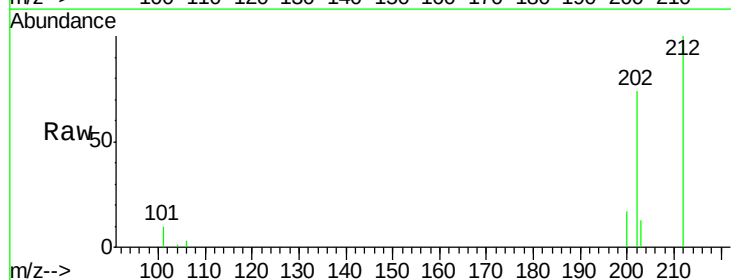
Tgt Ion:202 Resp: 66177

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

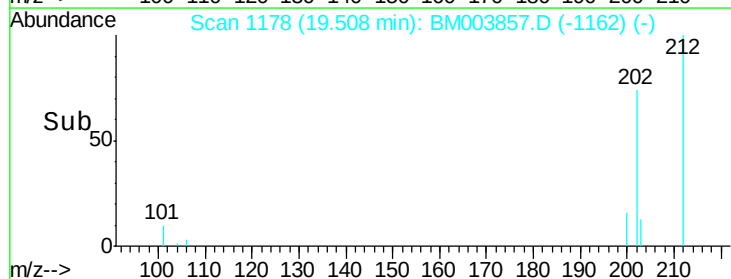
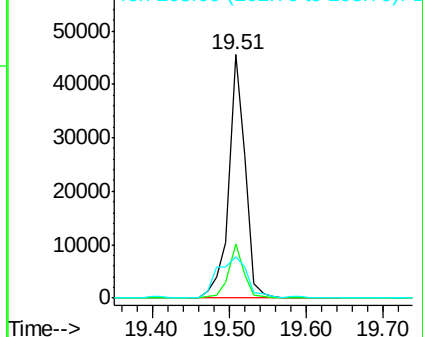
203 17.2 12.8 19.2

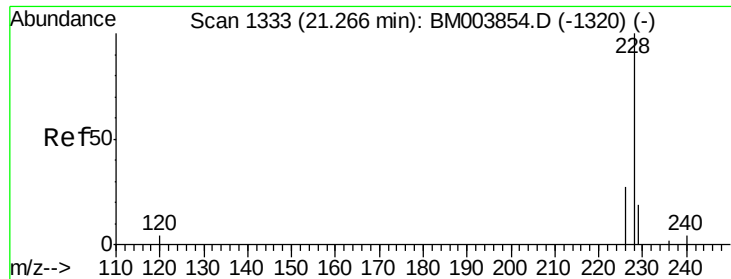


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

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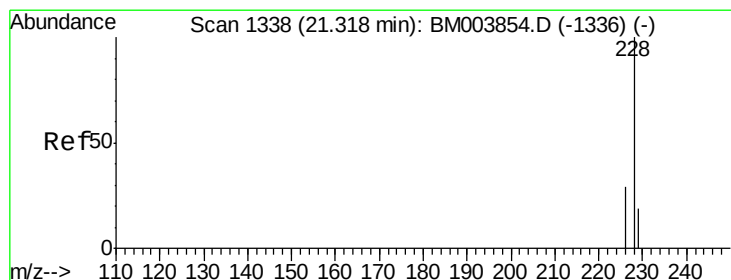
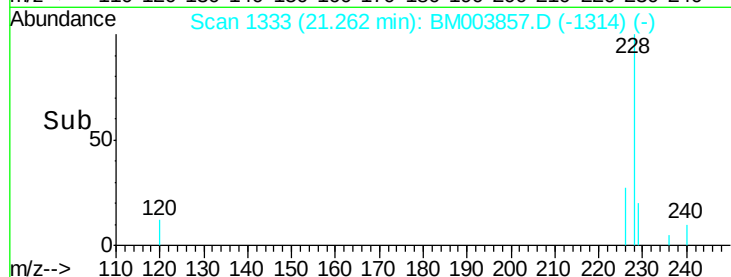
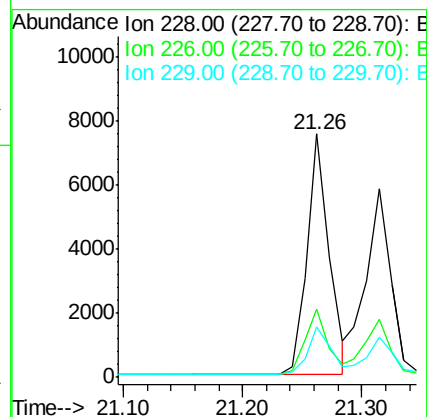
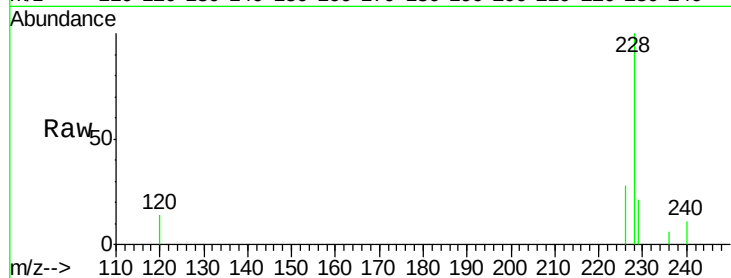
Tot Ion:228 Resp: 9715

Ion Ratio Lower Upper

228 100

226 28.1 18.8 28.2

229 20.5 17.1 25.7



#21

Chrysene

Concen: 0.12 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

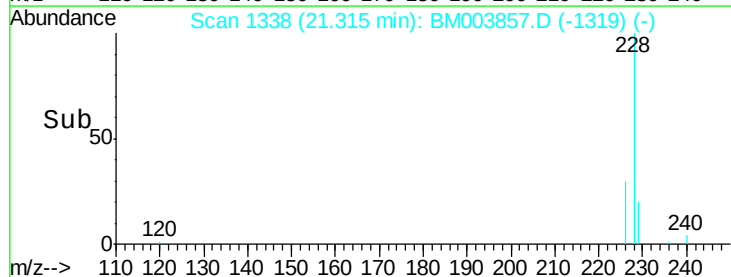
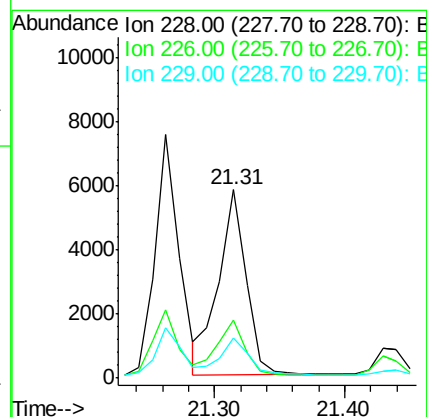
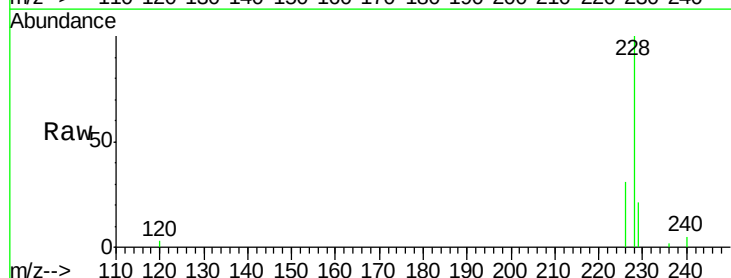
Tgt Ion:228 Resp: 8427

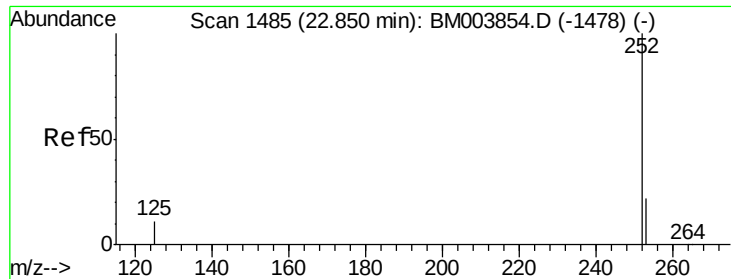
Ion Ratio Lower Upper

228 100

226 31.1 21.2 31.8

229 21.0 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

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D9N59

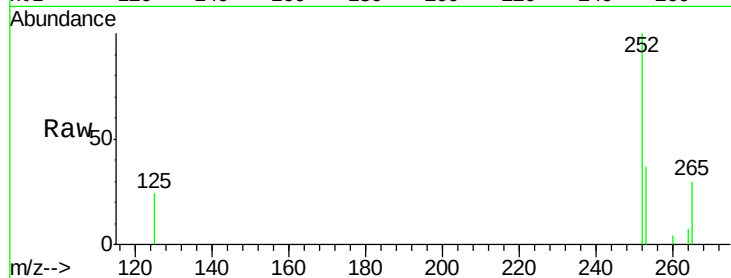
Tot Ion:252 Resp: 3214

Ion Ratio Lower Upper

252 100

253 37.4 0.0 45.4

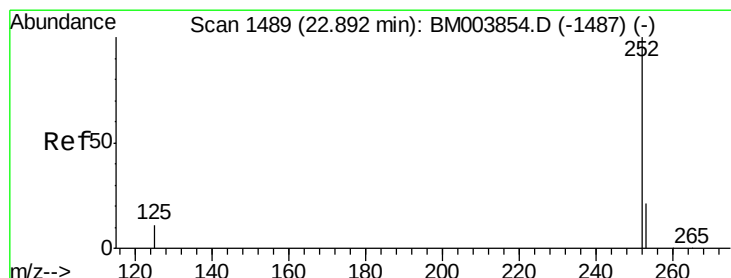
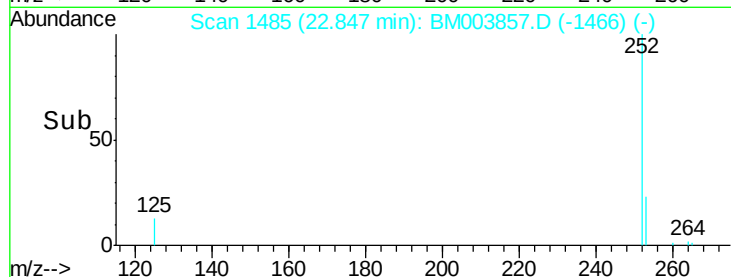
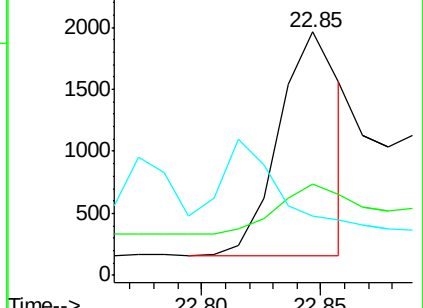
125 24.5 0.0 28.8



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



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

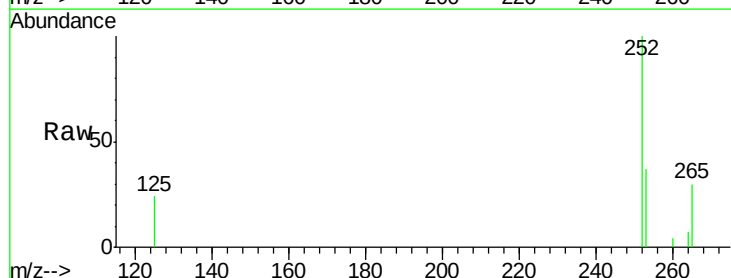
Tgt Ion:252 Resp: 5329

Ion Ratio Lower Upper

252 100

253 37.4 19.8 29.8#

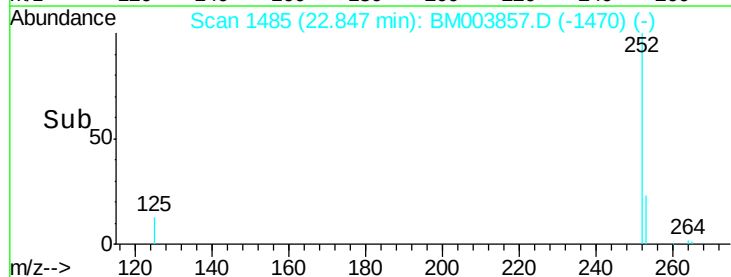
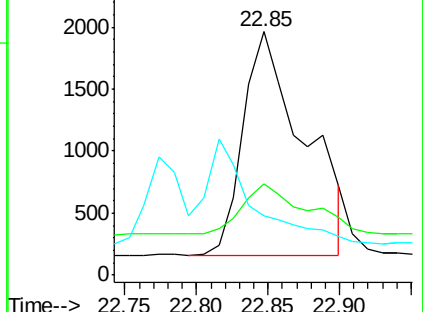
125 24.5 10.4 15.6#

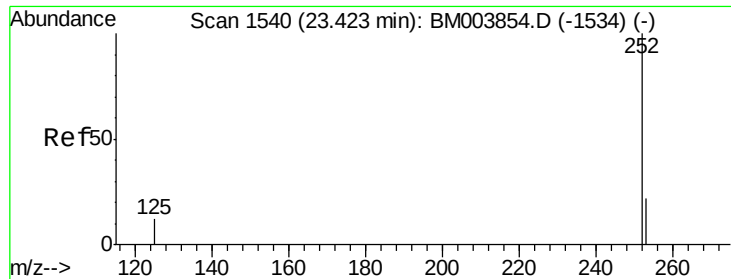


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.32 min Scan# 1530

Delta R.T. -0.11 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

BNA_M

ClientSampleId :

D9N59

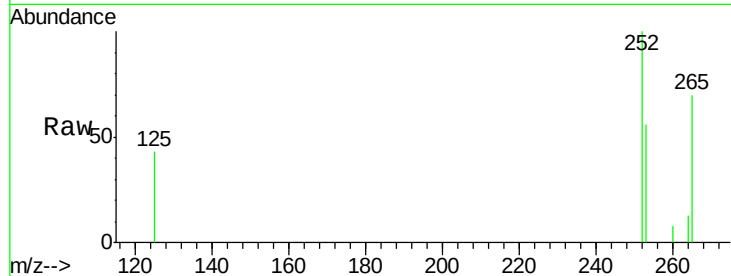
Tot Ion:252 Resp: 1311

Ion Ratio Lower Upper

252 100

253 56.4 19.4 29.2#

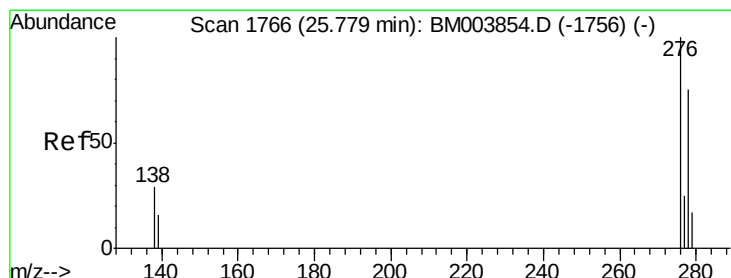
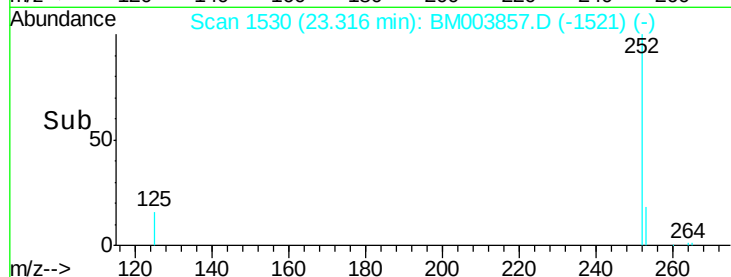
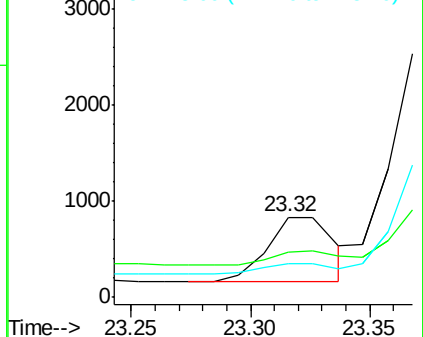
125 42.9 12.7 19.1#



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: 25.54 min Scan# 1743

Delta R.T. -0.24 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

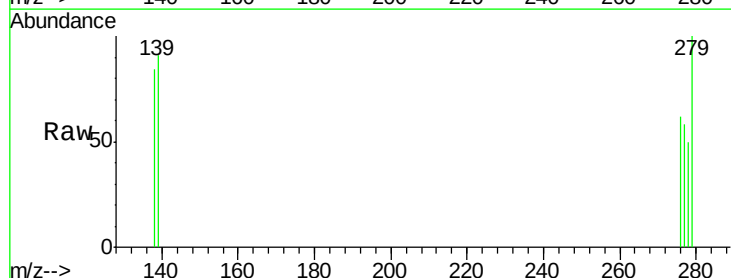
Tgt Ion:276 Resp: 915

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

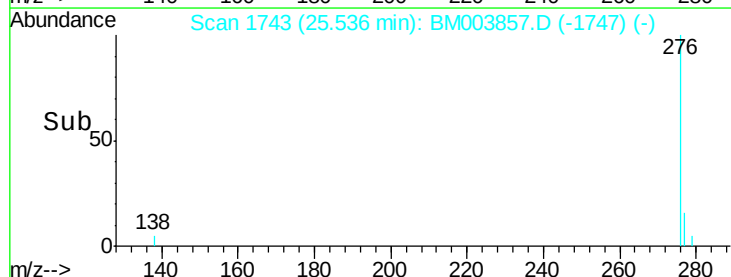
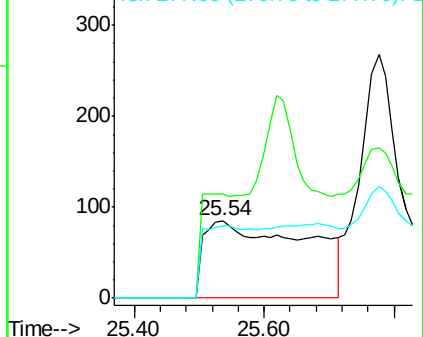
277 0.0 19.8 29.8#

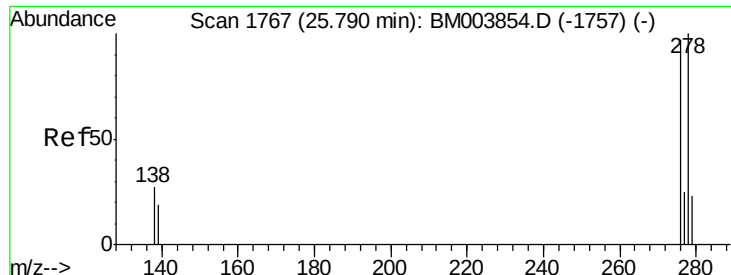


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.68 min Scan# 1757

Delta R.T. -0.11 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Instrument :

BNA_M

ClientSampleId :

D9N59

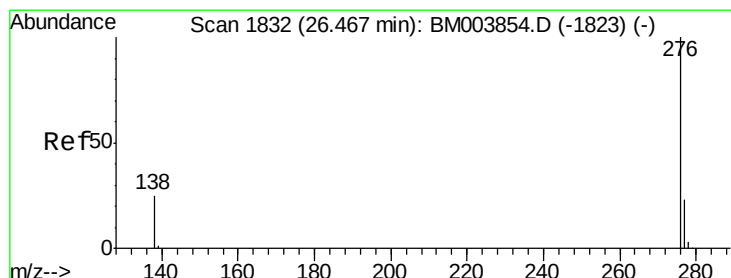
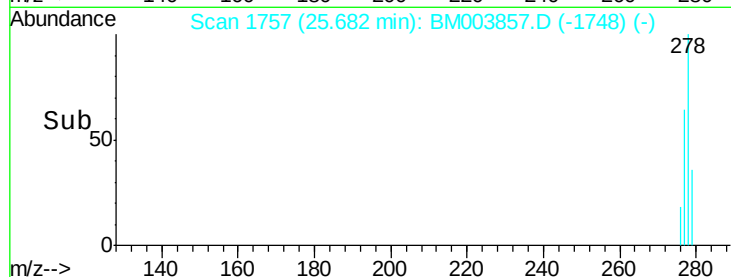
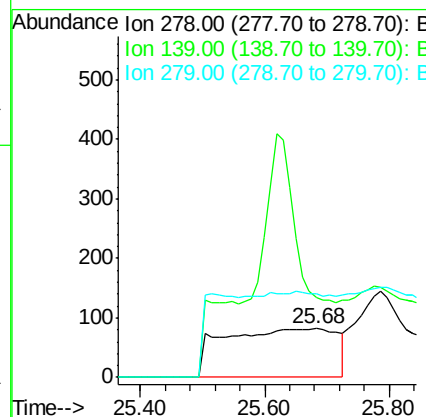
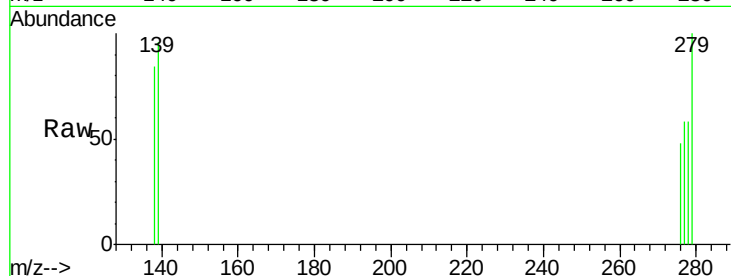
Tot Ion:278 Resp: 1031

Ion Ratio Lower Upper

278 100

139 164.6 16.4 24.6#

279 172.0 20.2 30.2#



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.29 min Scan# 1815

Delta R.T. -0.18 min

Lab File: BM003857.D

Acq: 29 Dec 2015 19:57

Tgt Ion:276 Resp: 12

Ion Ratio Lower Upper

276 100

277 117.5 18.9 28.3#

138 185.7 22.5 33.7#

