

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003859.D
 Acq On : 29 Dec 2015 21:09
 Operator : SJ/UM
 Sample : G4848-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N65

Quant Time: Dec 30 03:34:10 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

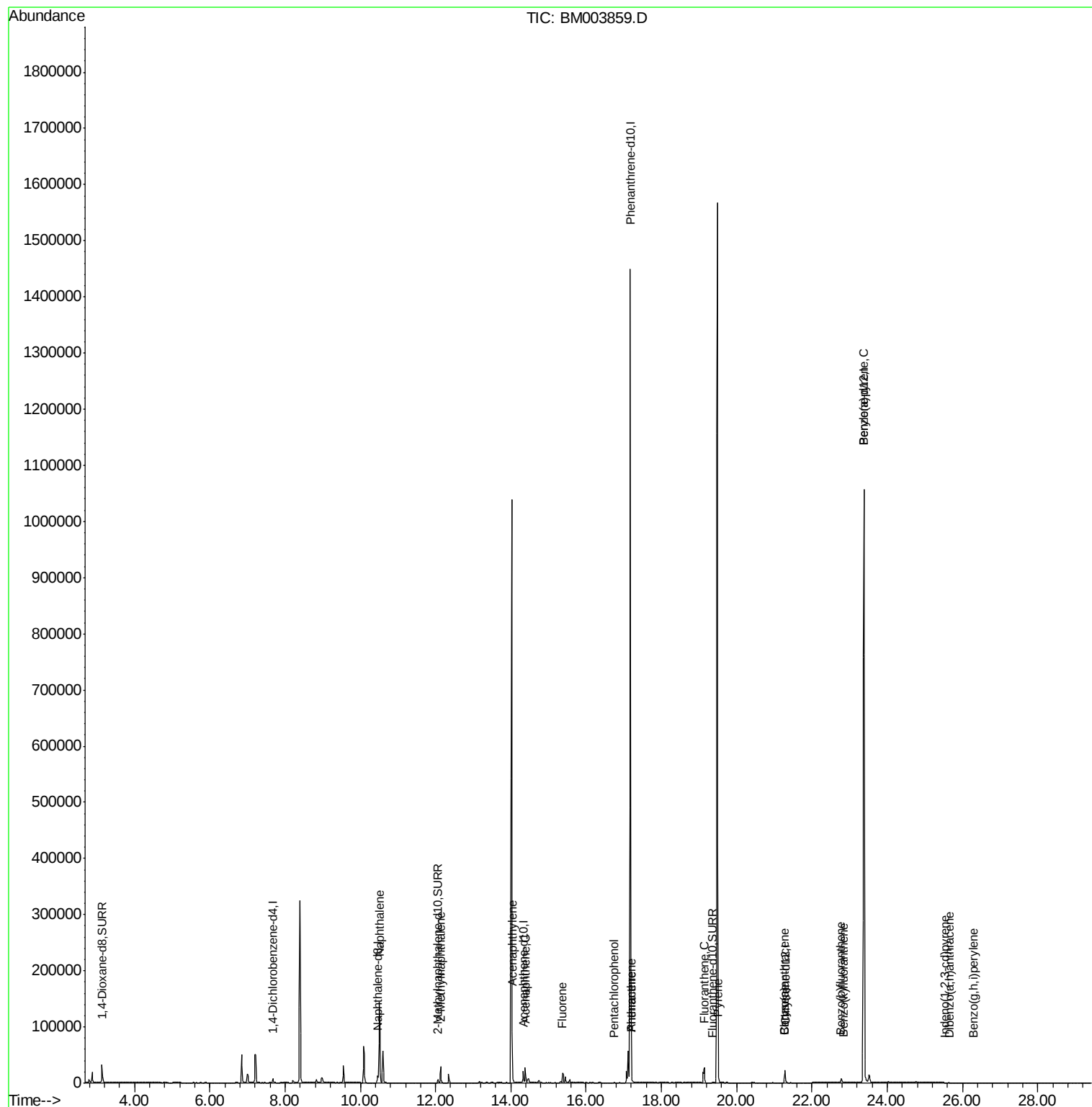
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4170	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18733	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	11705	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1759229	0.40	ng/ul	0.10
18) Chrysene-d12	21.29	240	22130	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1362187	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	23992	13.46	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	9411	0.42	ng/ul	-0.01
16) Fluoranthene-d10	19.37	212	974	0.00	ng/ul	0.24
Target Compounds				Ovalue		
5) Naphthalene	10.51	128	196263	4.65	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	21807	0.77	ng/ul	99
9) Acenaphthylene	14.04	152	2138	0.05	ng/ul#	92
10) Acenaphthene	14.38	153	16759	0.47	ng/ul	82
11) Fluorene	15.38	166	18207	0.46	ng/ul#	76
13) Pentachlorophenol	16.75	266	91	0.00	ng/ul	95
14) Phenanthrene	17.21	178	5350	0.00	ng/ul	94
15) Anthracene	17.21	178	5341	0.00	ng/ul#	94
17) Fluoranthene	19.15	202	28806	0.01	ng/ul	93
19) Pyrene	19.51	202	22180	0.37	ng/ul#	94
20) Benzo(a)anthracene	21.27	228	2812	0.05	ng/ul#	93
21) Chrysene	21.27	228	2812	0.05	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	39	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.85	252	1446	0.00	ng/ul#	7
25) Benzo(a)pyrene	23.38	252	6086	0.00	ng/ul#	44
26) Indeno(1,2,3-cd)pyrene	25.54	276	410	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.64	278	490	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.30	276	9	0.00	ng/ul#	1

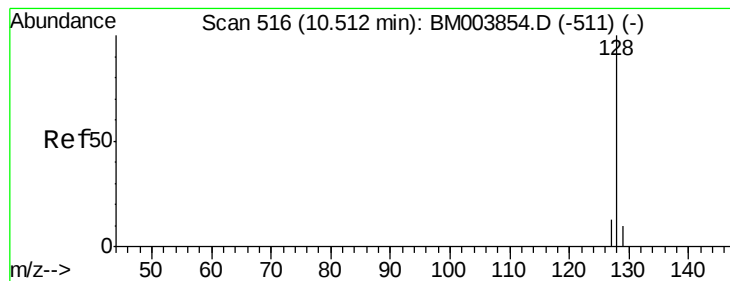
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 4.65 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

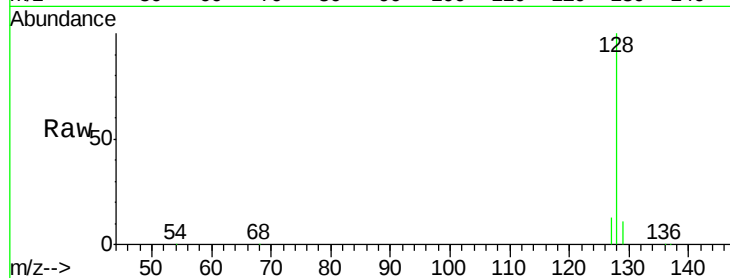
Tot Ion:128 Resp: 196263

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

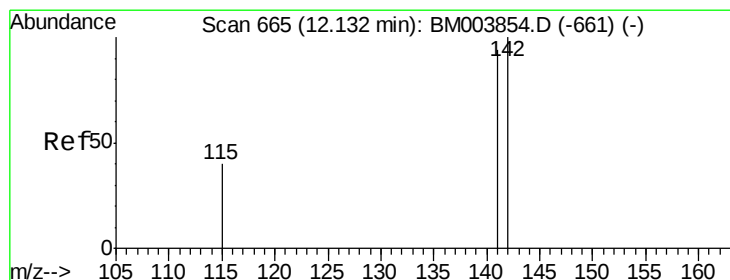
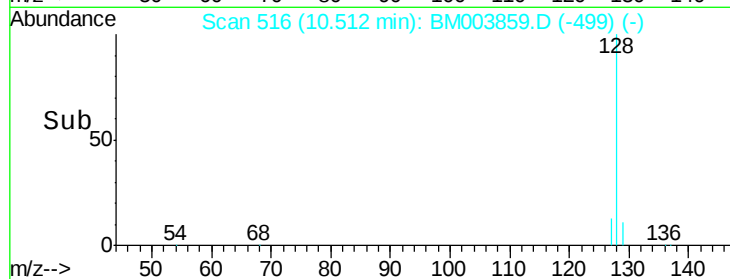
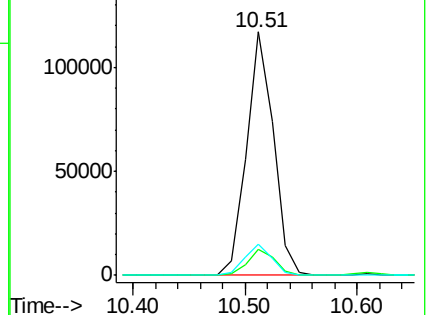
127 12.9 9.6 14.4



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: 0.77 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM003859.D

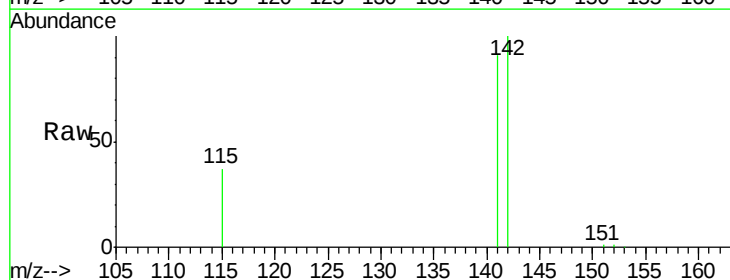
Acq: 29 Dec 2015 21:09

Tgt Ion:142 Resp: 21807

Ion Ratio Lower Upper

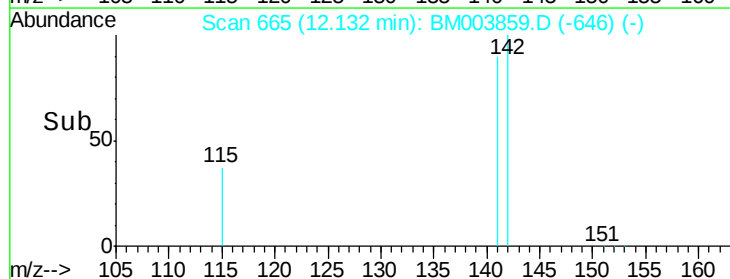
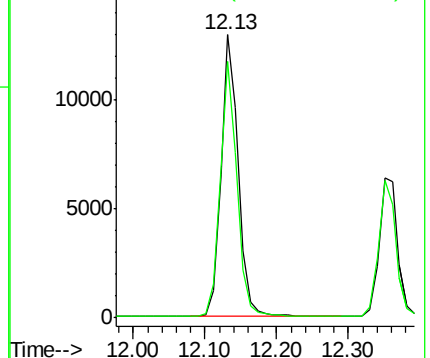
142 100

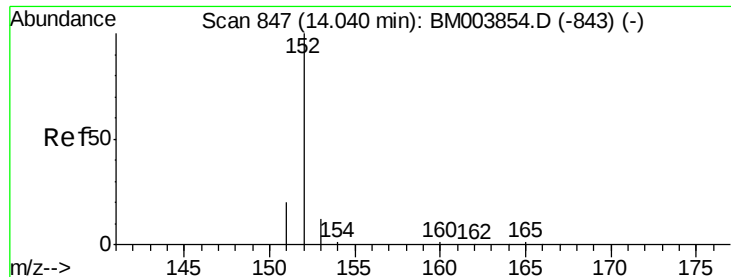
141 89.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

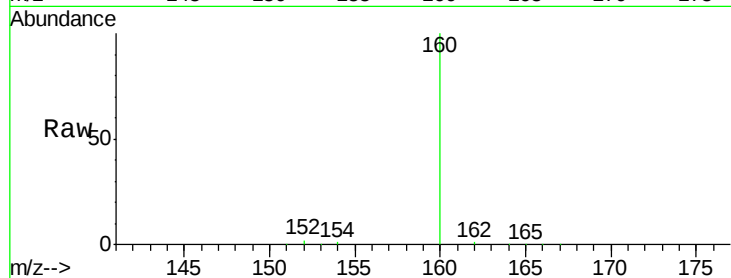
Tot Ion:152 Resp: 2138

Ion Ratio Lower Upper

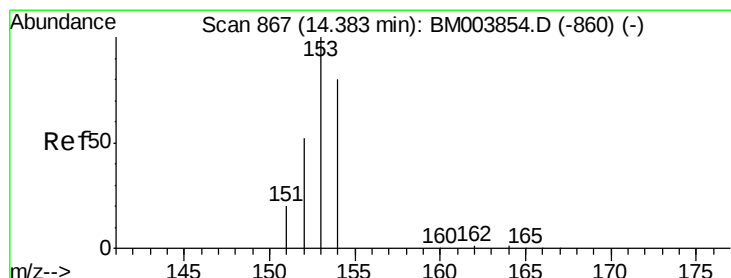
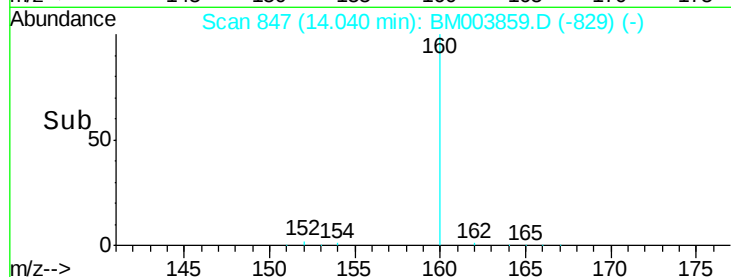
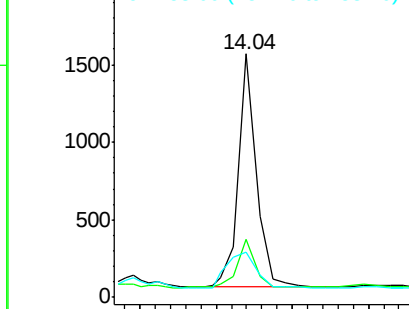
152 100

151 23.8 17.6 26.4

153 18.7 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: 0.47 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

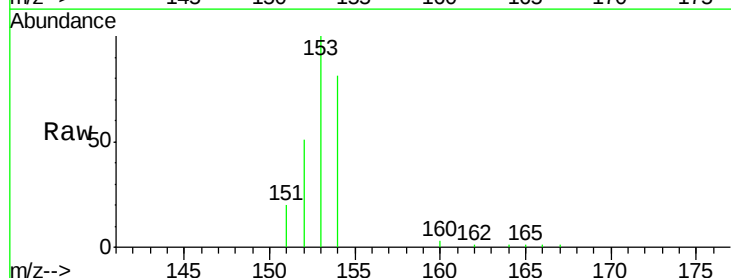
Tgt Ion:153 Resp: 16759

Ion Ratio Lower Upper

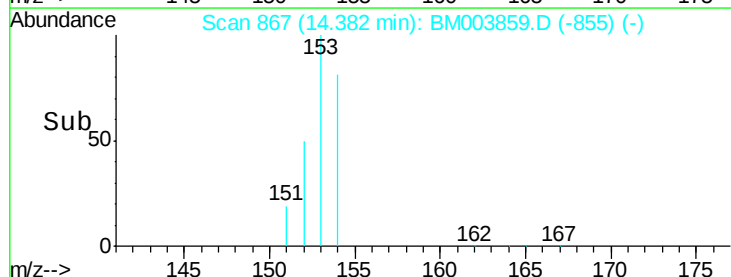
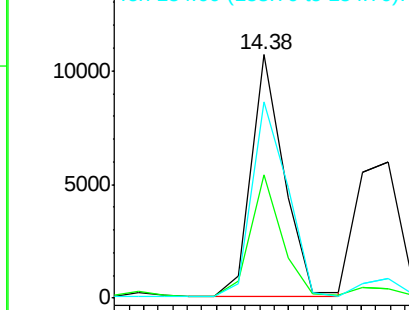
153 100

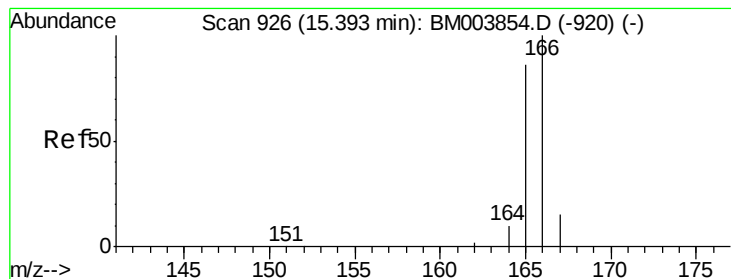
152 50.6 33.9 50.9

154 80.8 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: 0.46 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampled :

D9N65

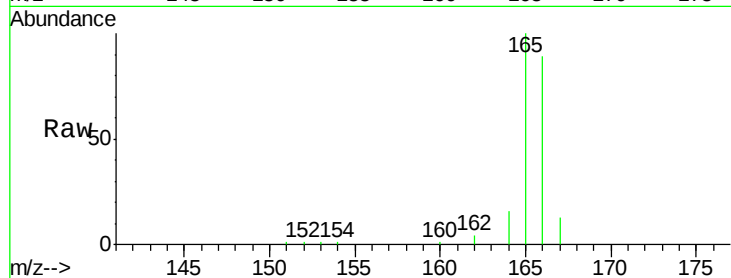
Tot Ion:166 Resp: 18207

Ion Ratio Lower Upper

166 100

165 112.9 69.6 104.4#

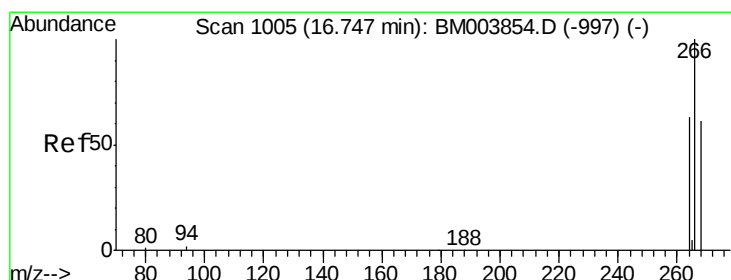
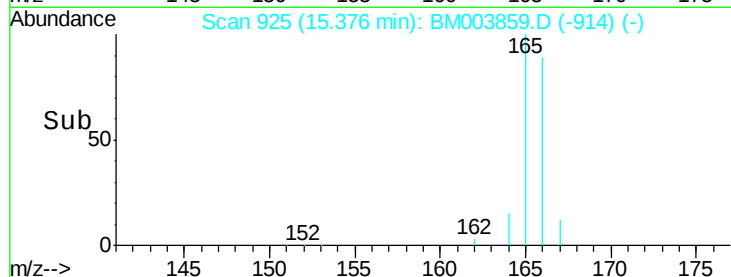
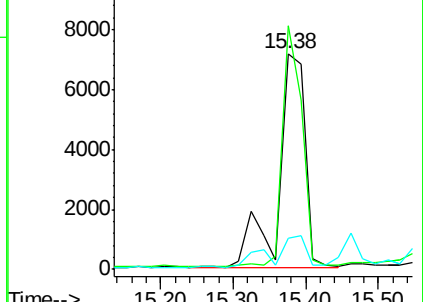
167 14.5 11.9 17.9



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: 16.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

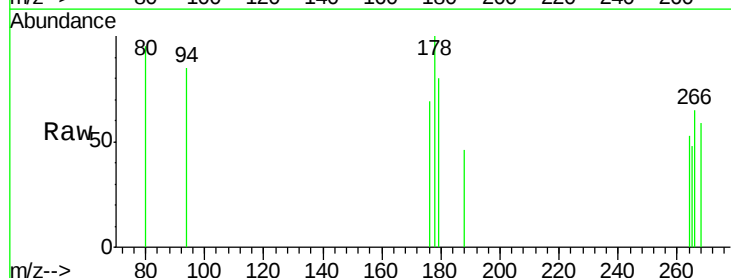
Tgt Ion:266 Resp: 91

Ion Ratio Lower Upper

266 100

264 68.1 51.8 77.8

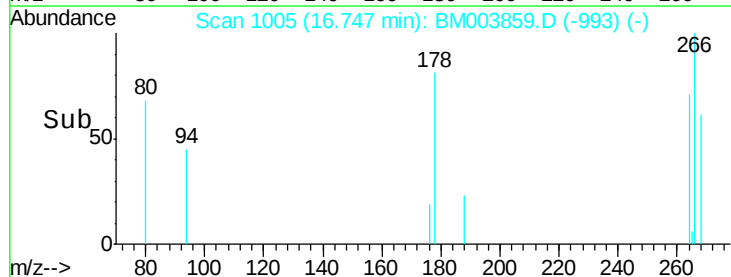
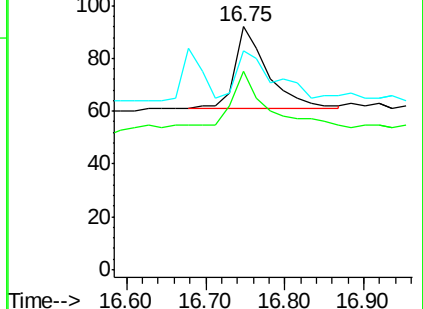
268 62.6 46.8 70.2

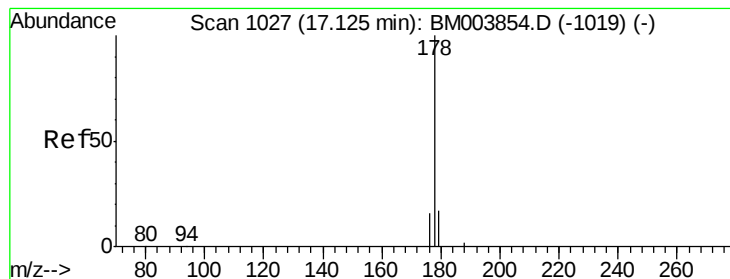


Abundance Ion 266.00 (265.70 to 266.70): E

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: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

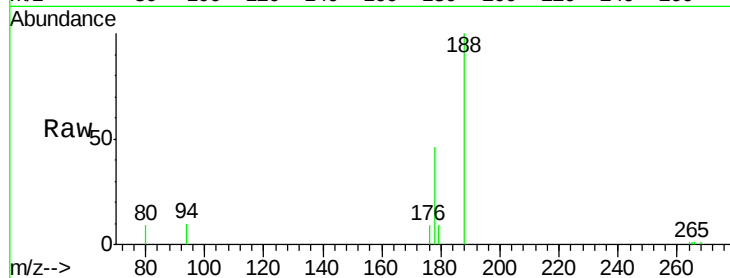
Tot Ion:178 Resp: 5350

Ion Ratio Lower Upper

178 100

176 19.1 13.0 19.4

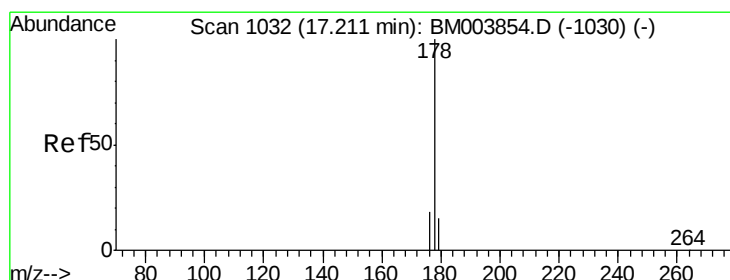
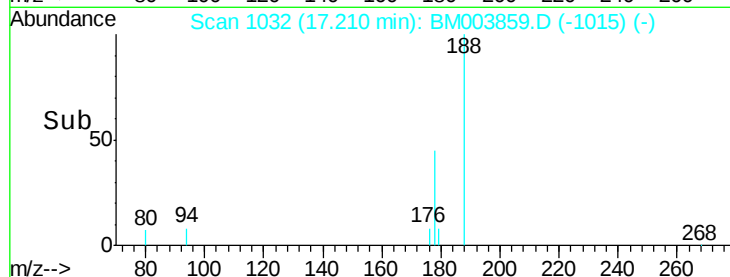
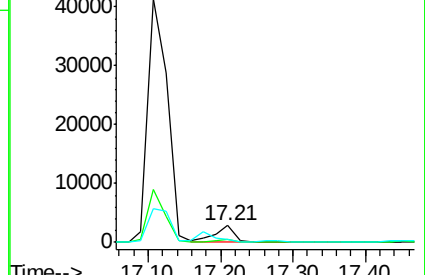
179 20.1 14.2 21.2



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: BM003859.D

Acq: 29 Dec 2015 21:09

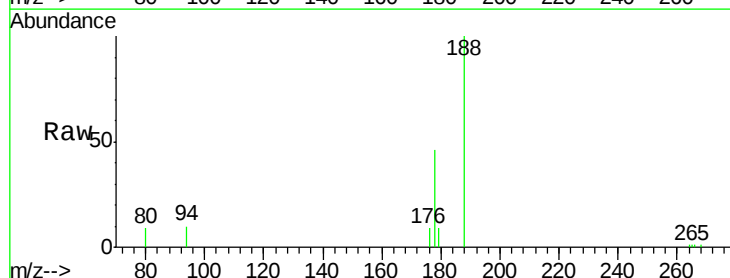
Tgt Ion:178 Resp: 5341

Ion Ratio Lower Upper

178 100

176 19.1 14.0 21.0

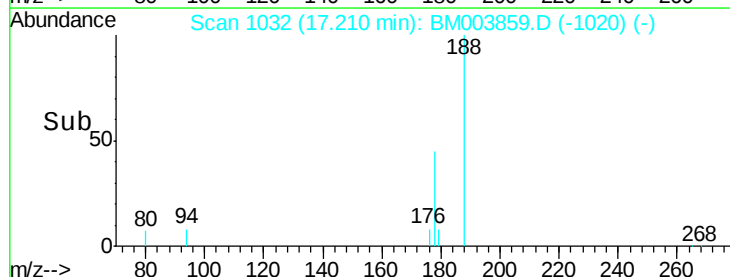
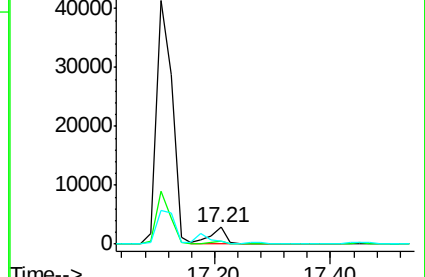
179 20.1 12.9 19.3#

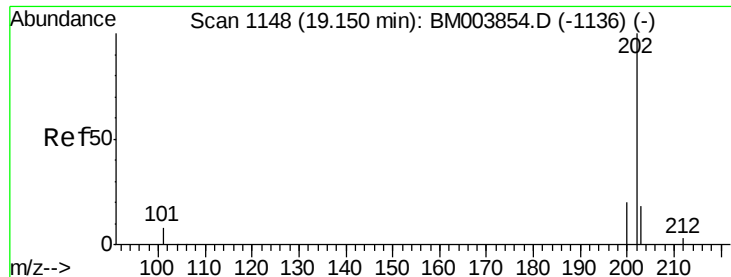


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

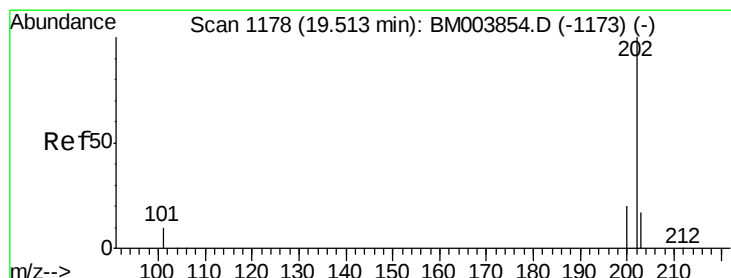
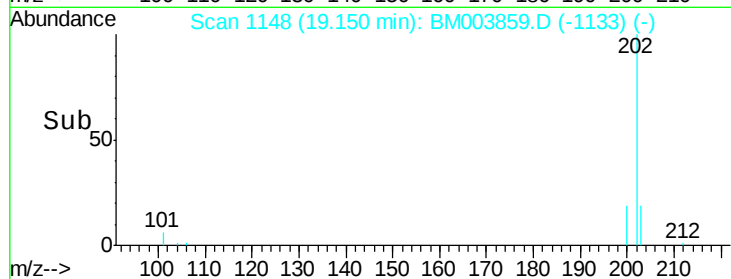
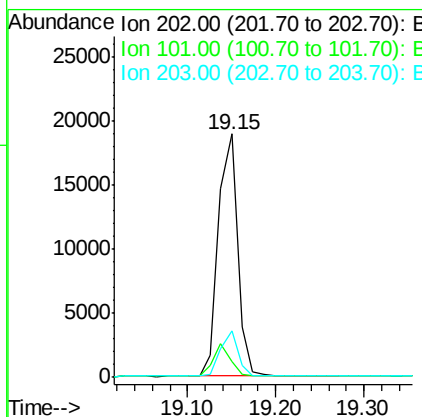
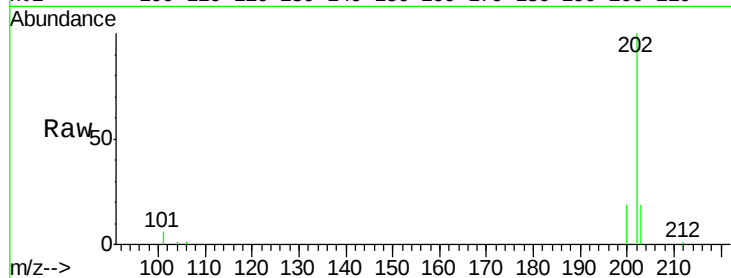




#17
Fluoranthene
 Concen: 0.01 ng/ul
 RT: 19.15 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BM003859.D
 Acq: 29 Dec 2015 21:09

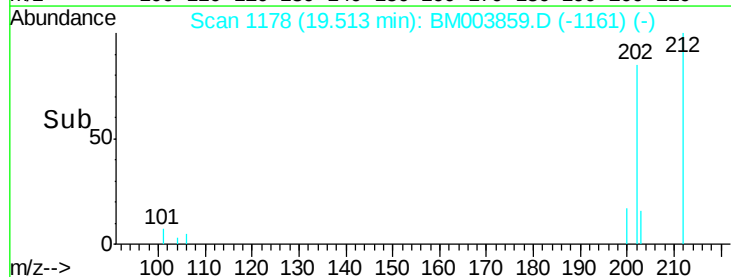
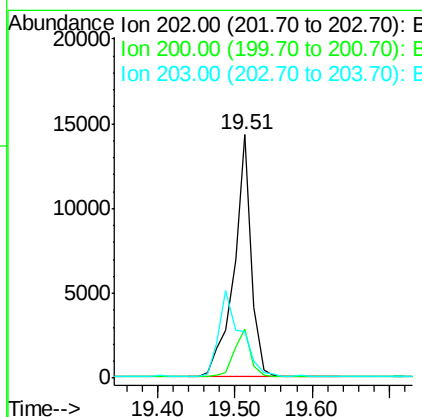
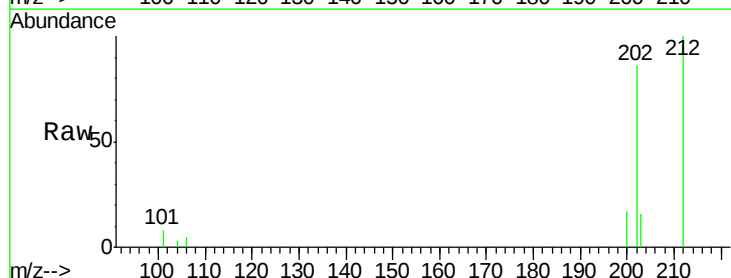
Instrument :
 BNA_M
 ClientSampleId :
 D9N65

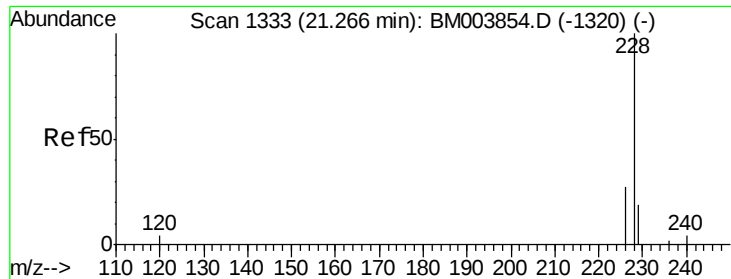
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	29.6
203	19.0	0.0	36.3



#19
Pyrene
 Concen: 0.37 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM003859.D
 Acq: 29 Dec 2015 21:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.8
203	19.2	12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

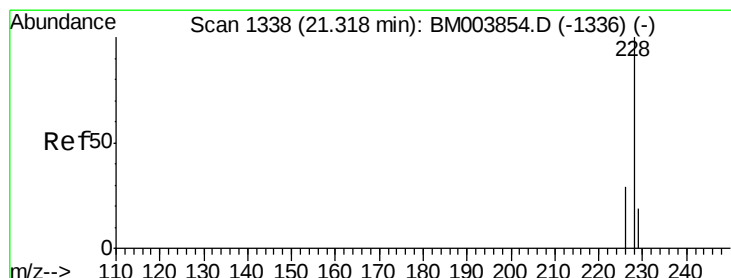
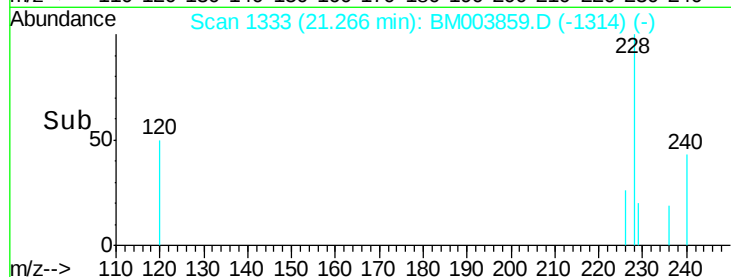
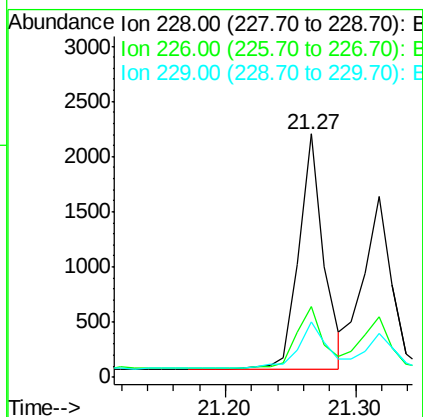
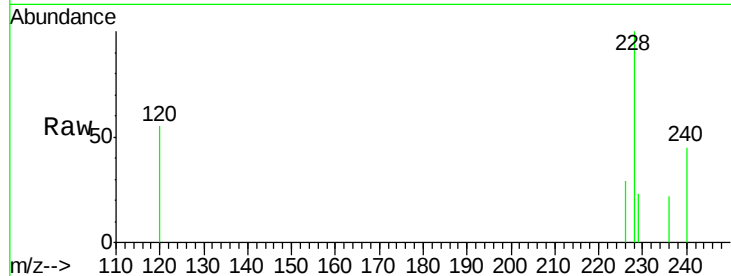
Tot Ion:228 Resp: 2812

Ion Ratio Lower Upper

228 100

226 29.1 18.8 28.2#

229 22.9 17.1 25.7



#21

Chrysene

Concen: 0.05 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. -0.05 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

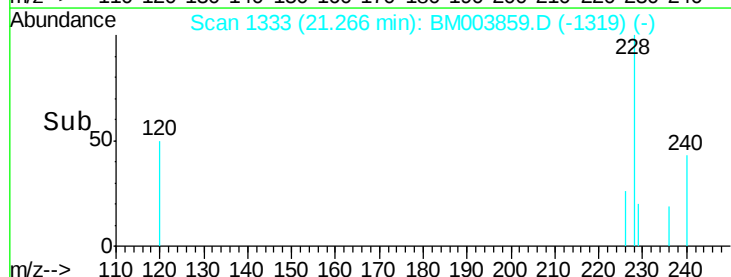
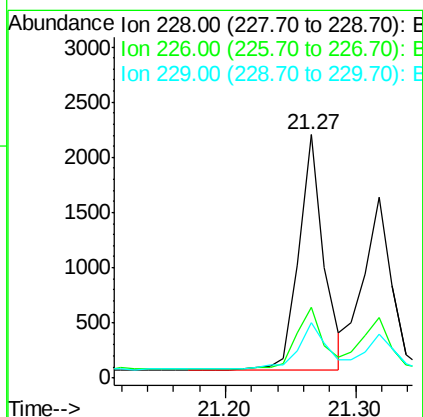
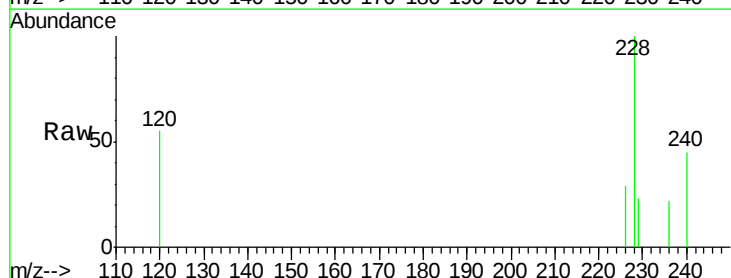
Tgt Ion:228 Resp: 2812

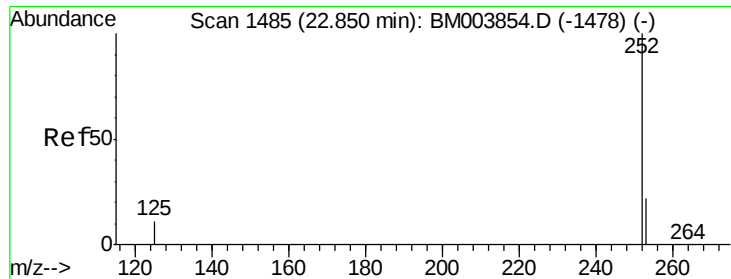
Ion Ratio Lower Upper

228 100

226 29.1 21.2 31.8

229 22.9 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.78 min Scan# 1478

Delta R.T. -0.07 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

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ClientSampleId :

D9N65

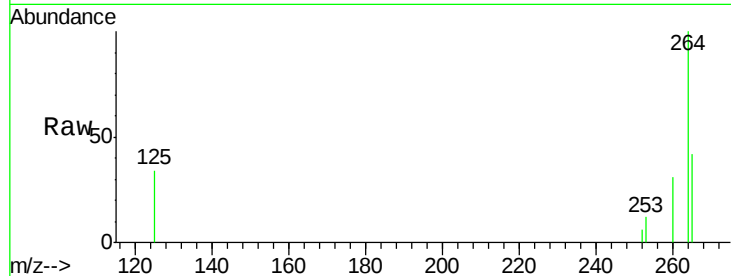
Tot Ion:252 Resp: 39

Ion Ratio Lower Upper

252 100

253 198.2 0.0 45.4#

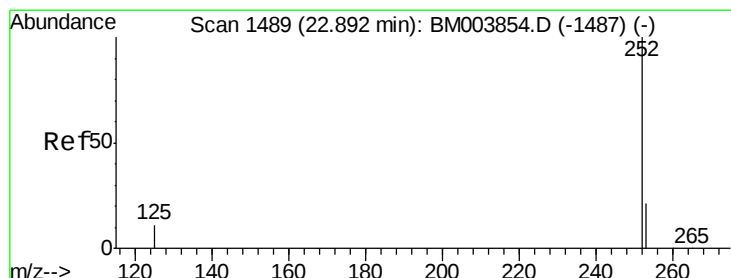
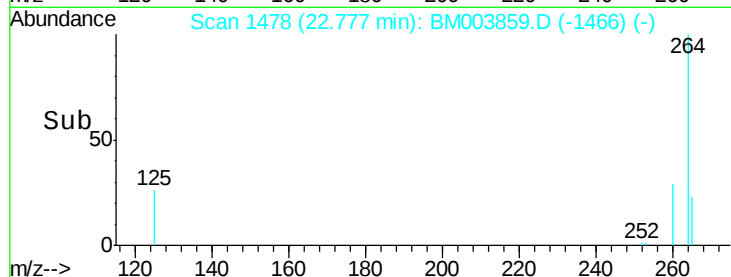
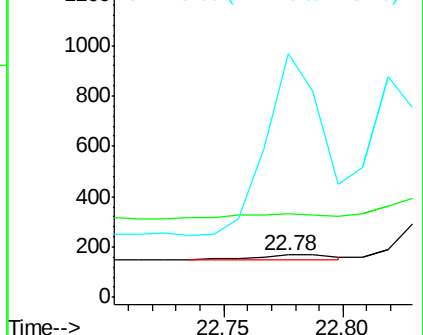
125 575.6 0.0 28.8#



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: BM003859.D

Acq: 29 Dec 2015 21:09

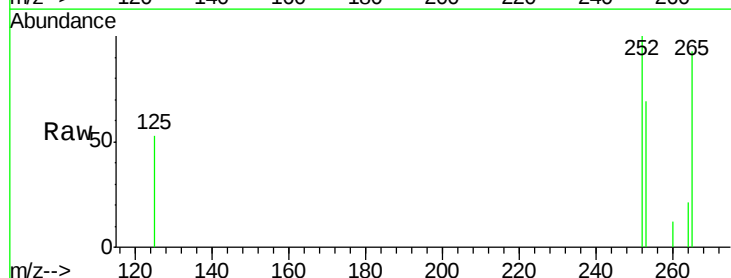
Tgt Ion:252 Resp: 1446

Ion Ratio Lower Upper

252 100

253 69.4 19.8 29.8#

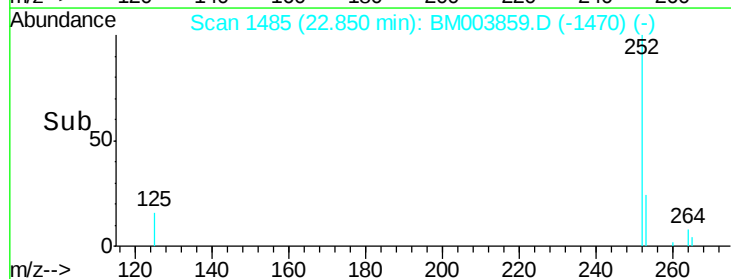
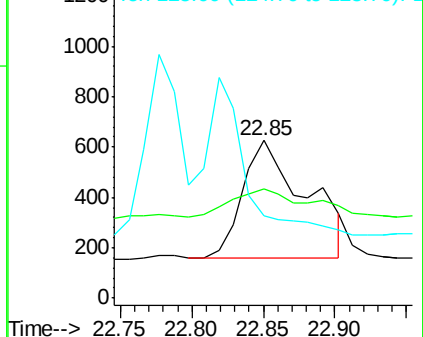
125 52.6 10.4 15.6#

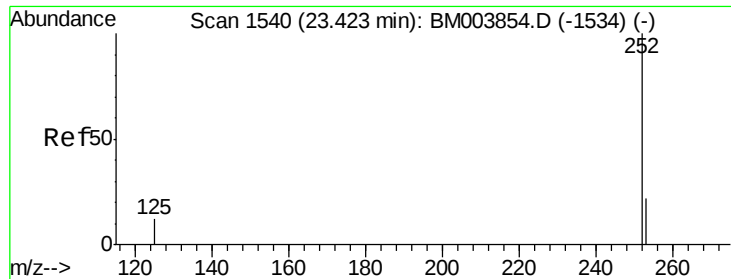


Abundance Ion 252.00 (251.70 to 252.70): E

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/u1

RT: 23.38 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

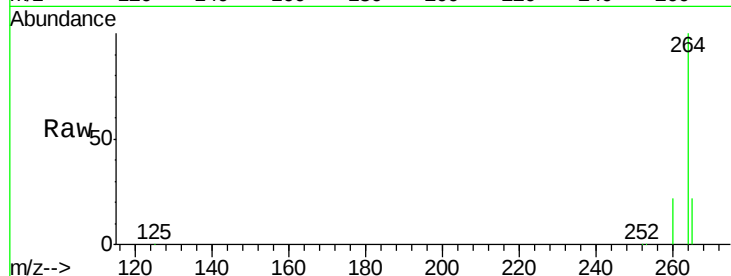
Tot Ion:252 Resp: 6086

Ion Ratio Lower Upper

252 100

253 38.3 19.4 29.2#

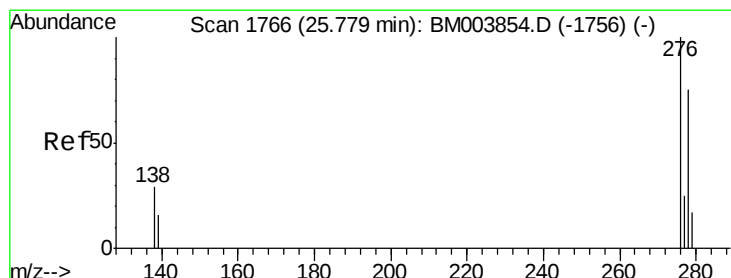
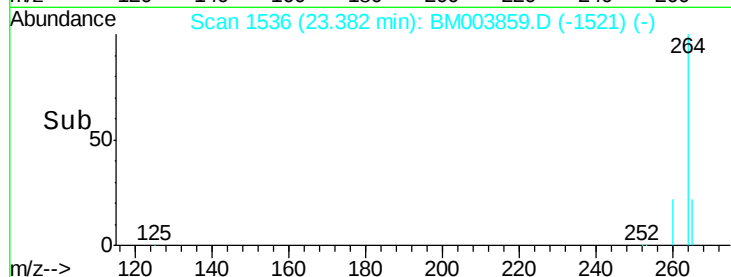
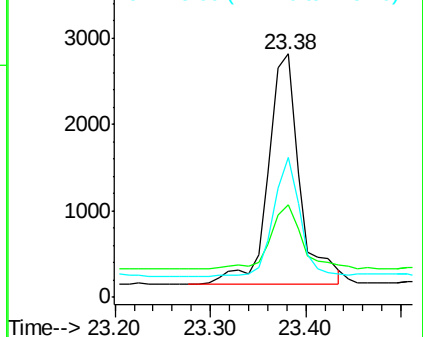
125 57.7 12.7 19.1#



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/u1

RT: 25.54 min Scan# 1743

Delta R.T. -0.24 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

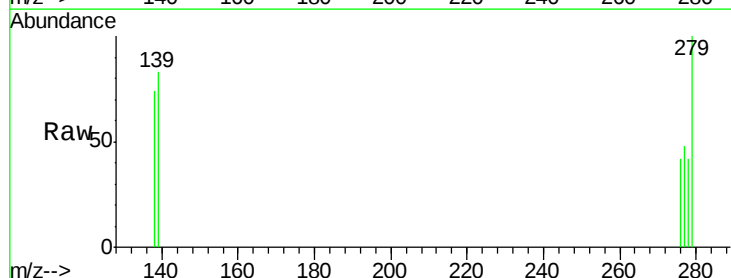
Tgt Ion:276 Resp: 410

Ion Ratio Lower Upper

276 100

138 139.8 16.3 24.5#

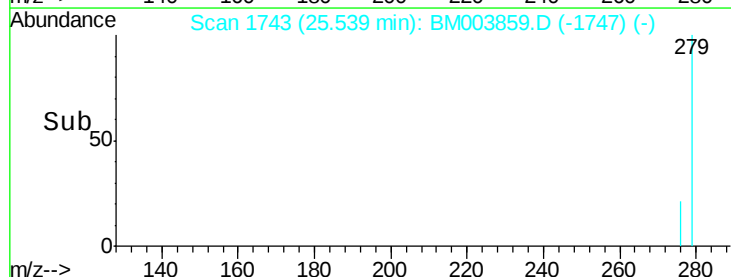
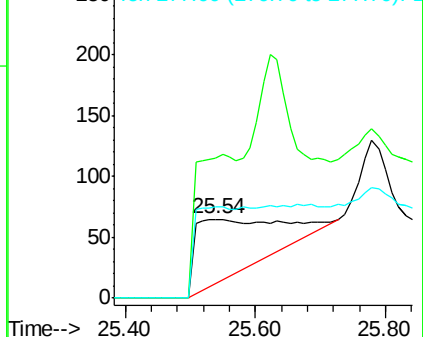
277 0.0 19.8 29.8#

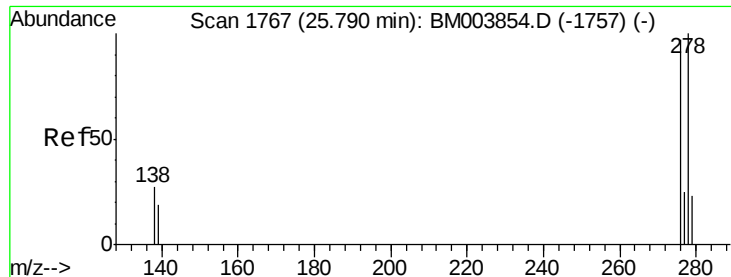


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.64 min Scan# 1753

Delta R.T. -0.15 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

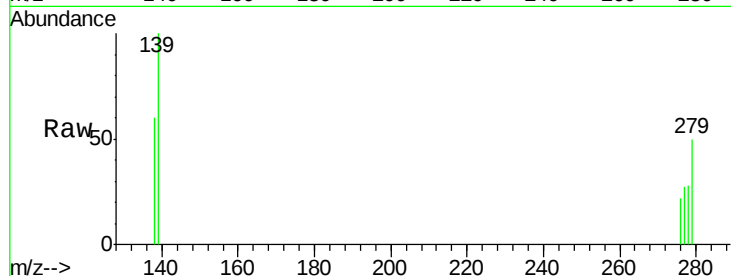
Tot Ion:278 Resp: 490

Ion Ratio Lower Upper

278 100

139 351.3 16.4 24.6#

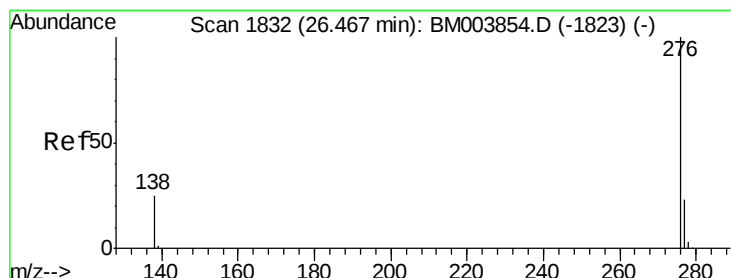
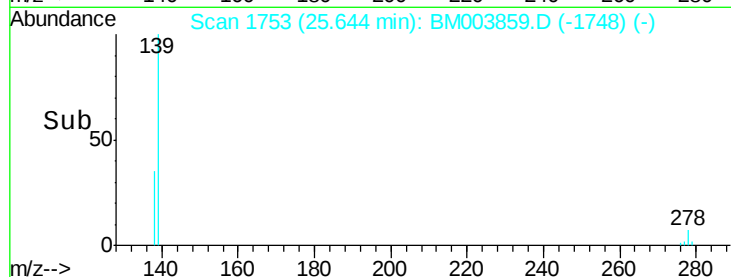
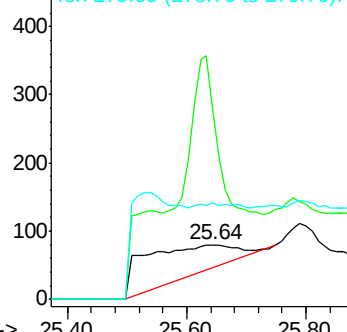
279 176.3 20.2 30.2#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.30 min Scan# 1816

Delta R.T. -0.17 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

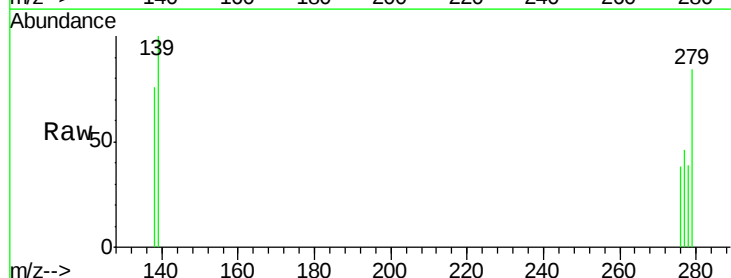
Tgt Ion:276 Resp: 9

Ion Ratio Lower Upper

276 100

277 121.0 18.9 28.3#

138 200.0 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

