

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003850.D
 Acq On : 29 Dec 2015 04:42
 Operator : SJ/UM
 Sample : G4848-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65

Quant Time: Dec 29 08:22:52 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

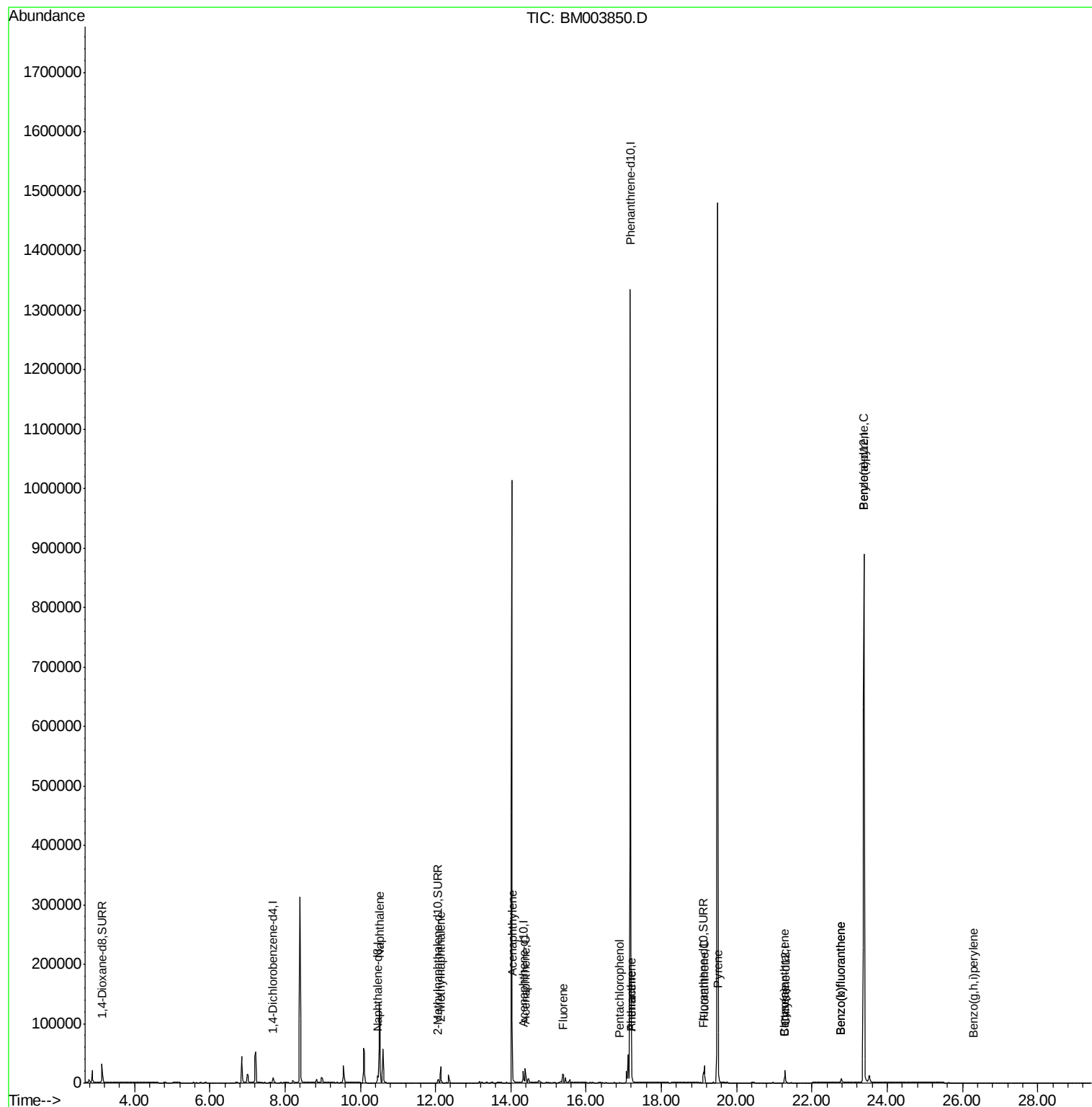
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4068	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17777	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10968	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1594807	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	18605	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1159686	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	23794	13.68	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8866	0.42	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	21491	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.51	128	187384	4.68	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	20774	0.77	ng/ul	99
9) Acenaphthylene	14.04	152	2085	0.05	ng/ul#	91
10) Acenaphthene	14.38	153	15650	0.46	ng/ul#	79
11) Fluorene	15.39	166	16851	0.45	ng/ul	95
13) Pentachlorophenol	16.88	266	7	0.00	ng/ul#	29
14) Phenanthrene	17.21	178	4948	0.00	ng/ul	94
15) Anthracene	17.21	178	4958	0.00	ng/ul#	94
17) Fluoranthene	19.14	202	25836	0.01	ng/ul	99
19) Pyrene	19.51	202	19602	0.39	ng/ul#	97
20) Benzo(a)anthracene	21.26	228	2339	0.05	ng/ul#	89
21) Chrysene	21.26	228	2339	0.04	ng/ul	93
23) Benzo(b)fluoranthene	22.77	252	46	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.77	252	46	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.38	252	5131	0.00	ng/ul#	46
28) Benzo(g,h,i)perylene	26.29	276	8	0.00	ng/ul#	1

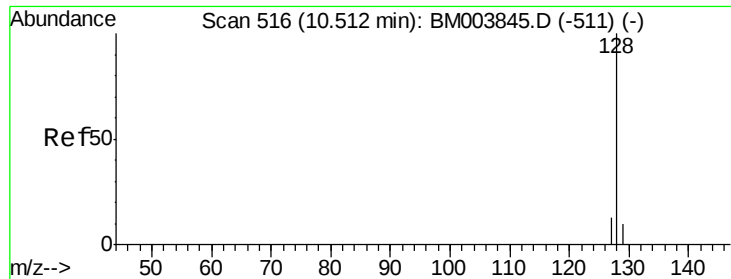
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 4.68 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_G

ClientSampleId :

D9N65

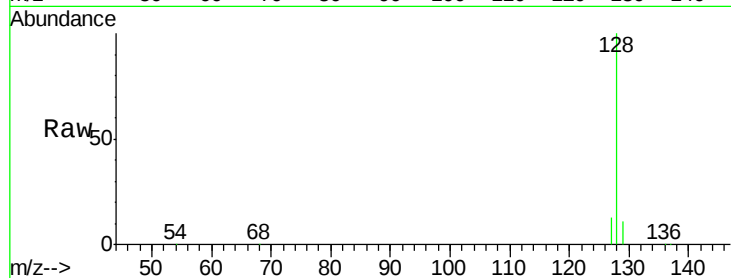
Tgt Ion:128 Resp: 187384

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

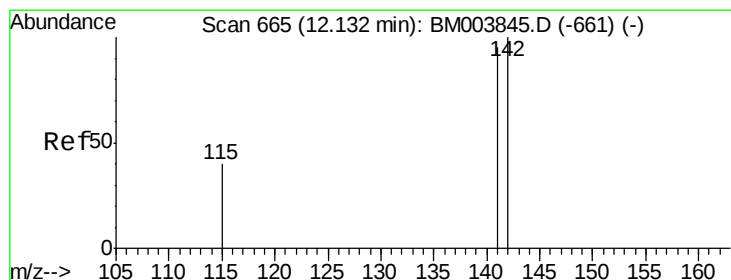
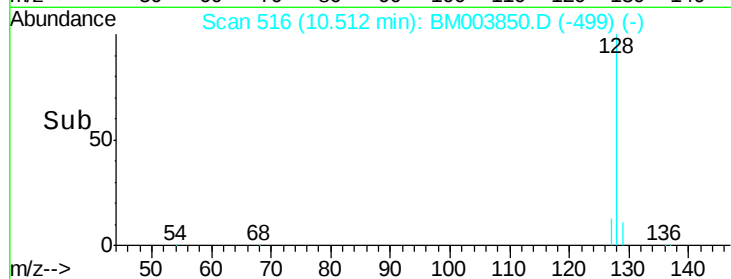
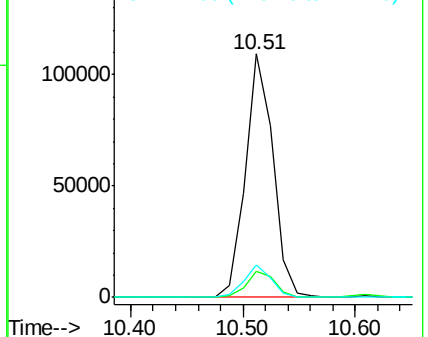
127 13.2 9.6 14.4



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: 0.77 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003850.D

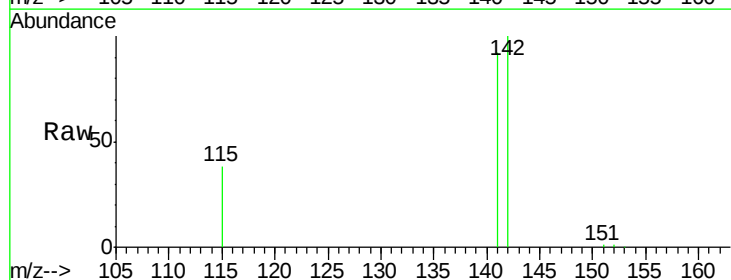
Acq: 29 Dec 2015 04:42

Tgt Ion:142 Resp: 20774

Ion Ratio Lower Upper

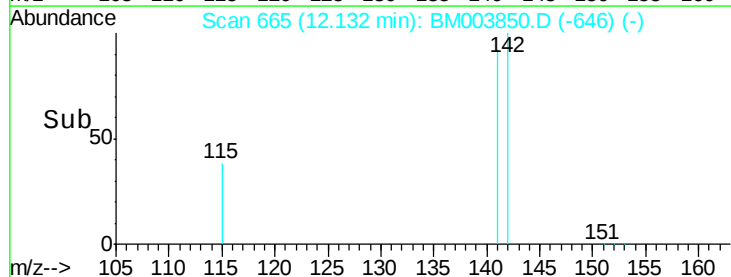
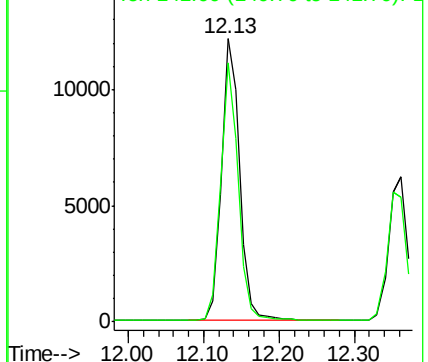
142 100

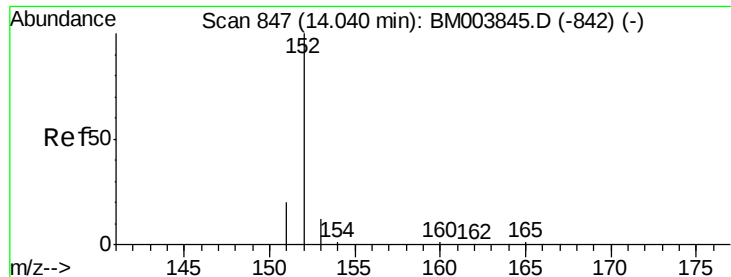
141 88.5 70.3 105.5



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: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_G

ClientSampleId :

D9N65

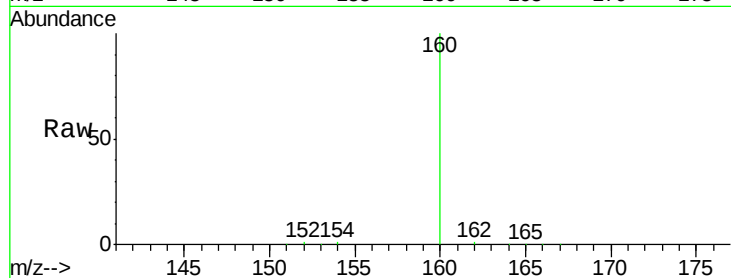
Tgt Ion:152 Resp: 2085

Ion Ratio Lower Upper

152 100

151 24.0 17.6 26.4

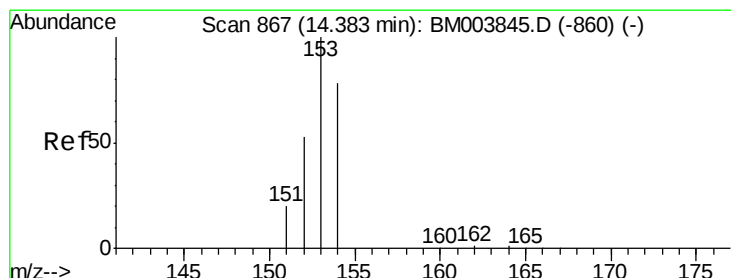
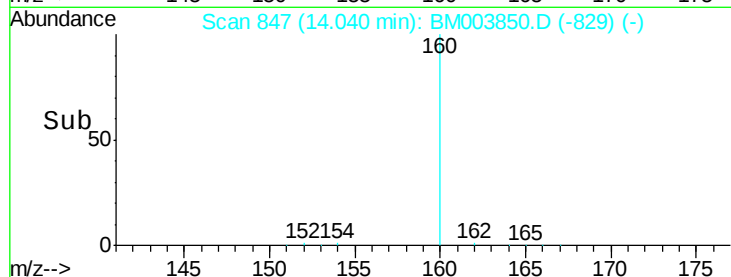
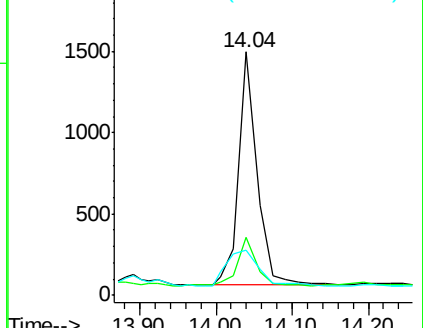
153 18.6 9.7 14.5#



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: 0.46 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

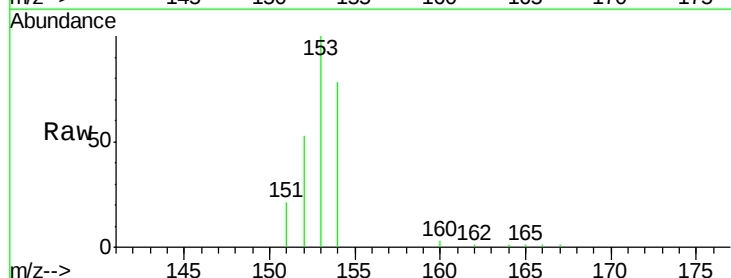
Tgt Ion:153 Resp: 15650

Ion Ratio Lower Upper

153 100

152 52.6 33.9 50.9#

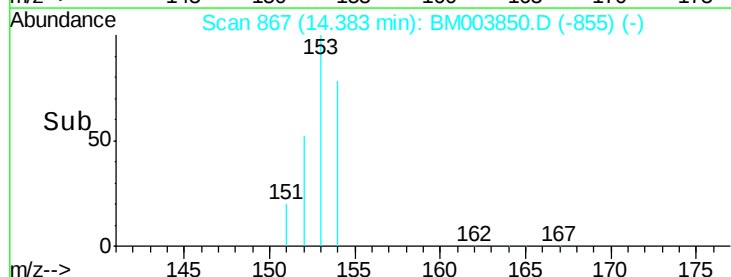
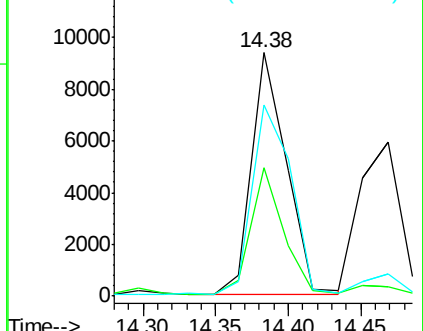
154 78.3 80.6 121.0#

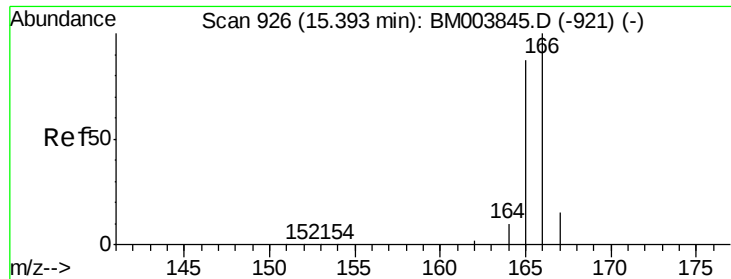


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.45 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_G

ClientSampleId :

D9N65

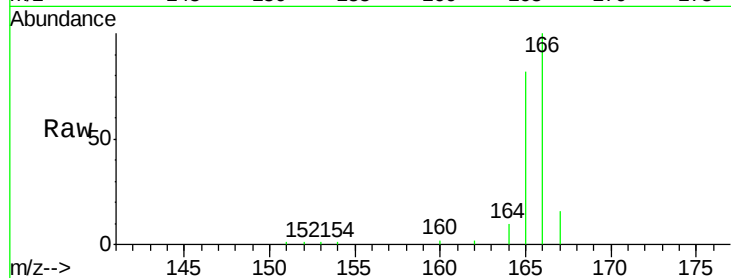
Tgt Ion:166 Resp: 16851

Ion Ratio Lower Upper

166 100

165 82.5 69.6 104.4

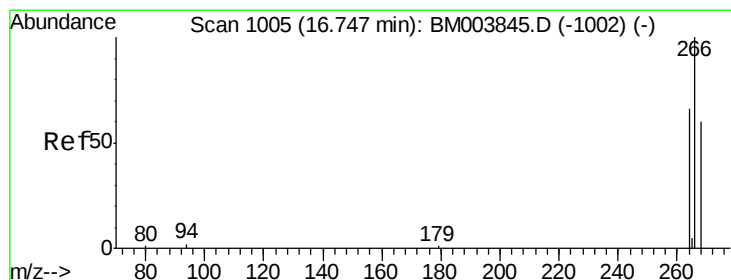
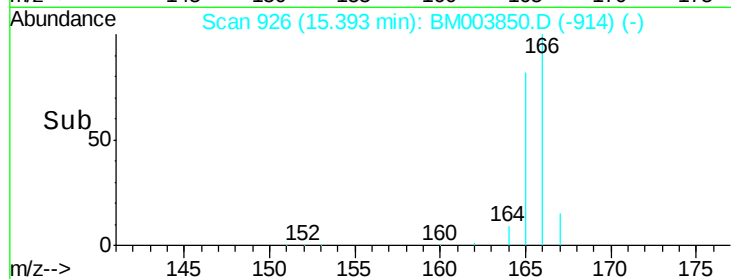
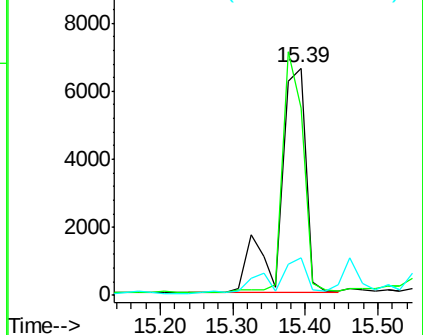
167 16.3 11.9 17.9



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: 16.88 min Scan# 1013

Delta R.T. 0.14 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

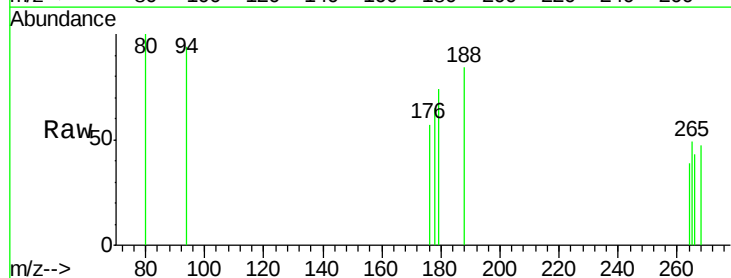
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

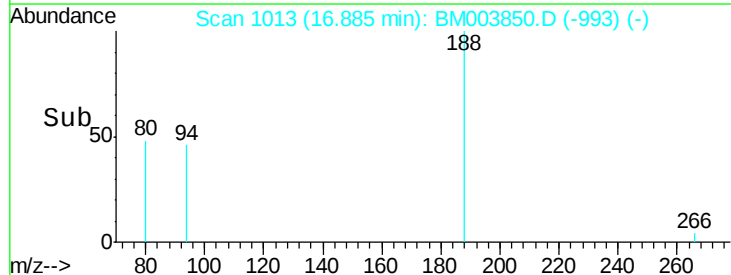
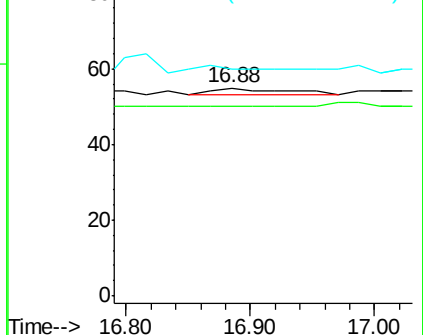
268 14.3 46.8 70.2#

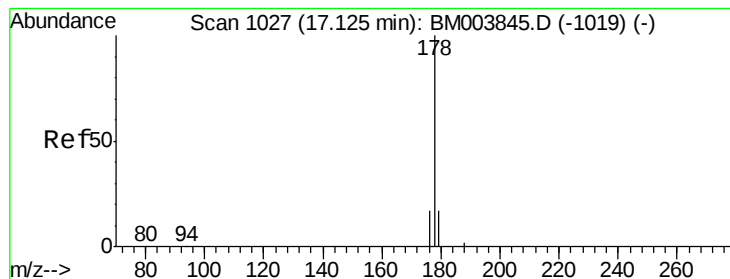


Abundance Ion 266.00 (265.70 to 266.70): E

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: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_G

ClientSampleId :

D9N65

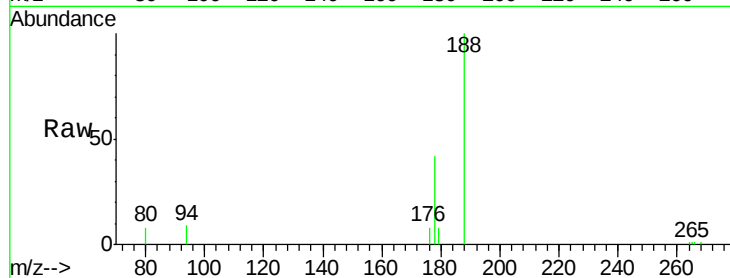
Tgt Ion:178 Resp: 4948

Ion Ratio Lower Upper

178 100

176 19.2 13.0 19.4

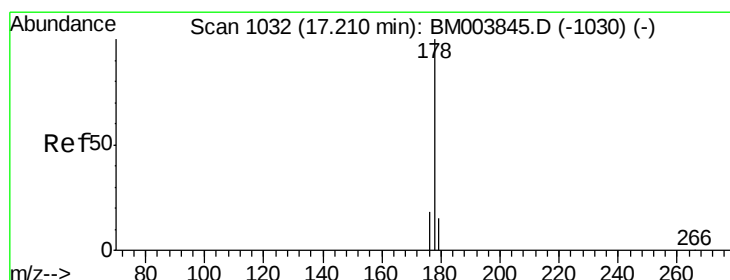
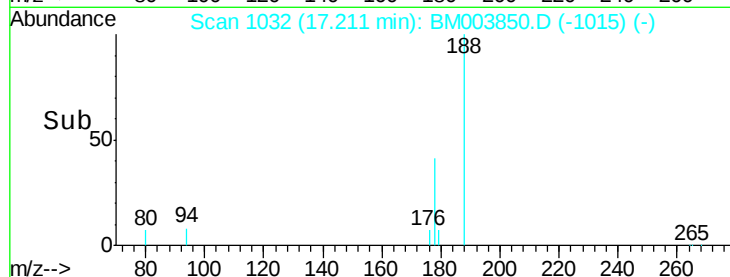
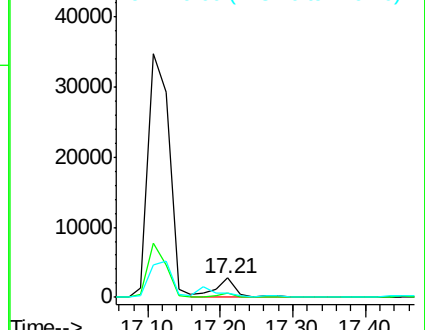
179 19.6 14.2 21.2



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: BM003850.D

Acq: 29 Dec 2015 04:42

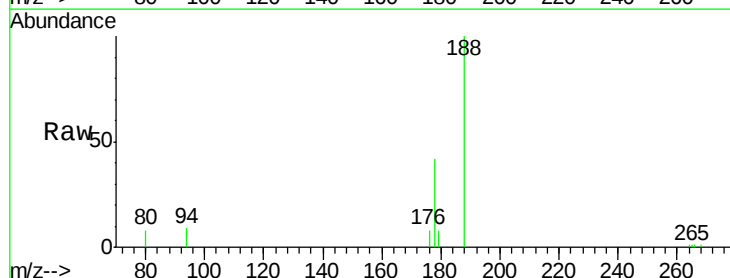
Tgt Ion:178 Resp: 4958

Ion Ratio Lower Upper

178 100

176 19.2 14.0 21.0

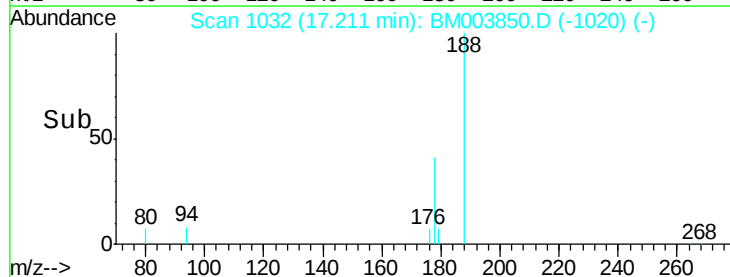
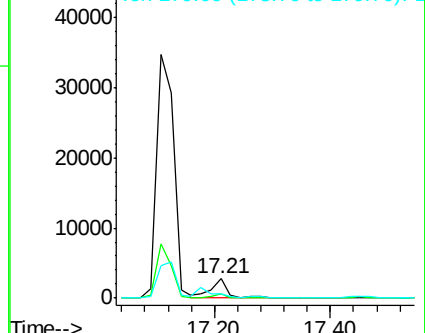
179 19.6 12.9 19.3#

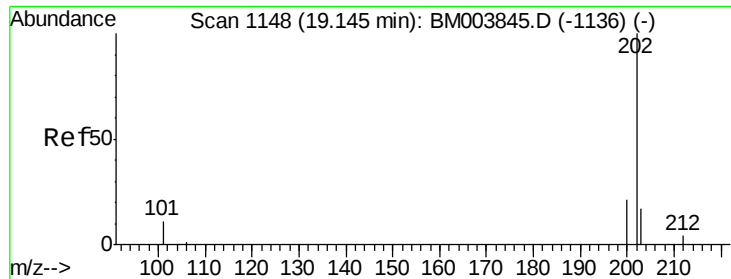


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

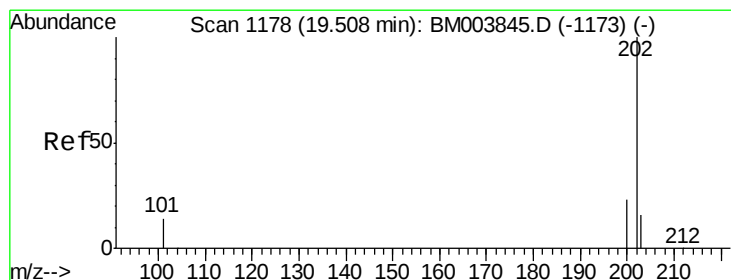
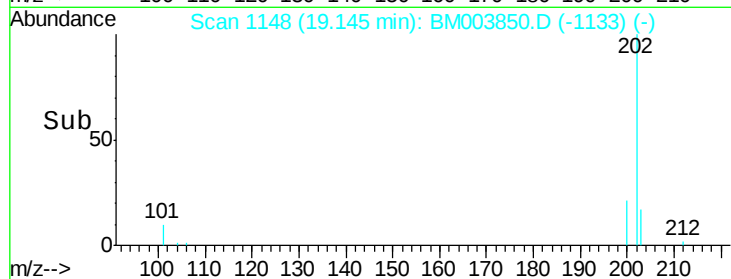
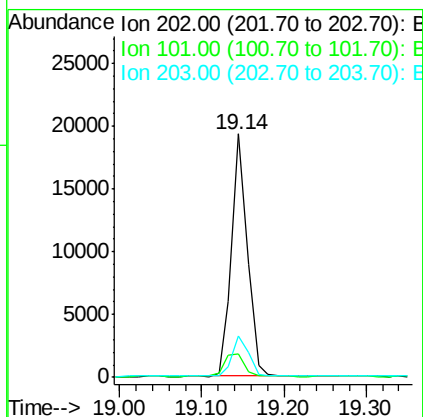
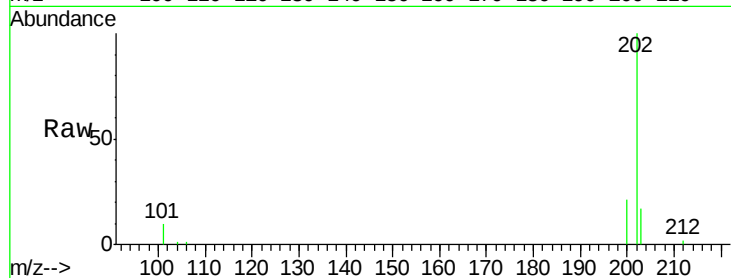




#17
Fluoranthene
 Concen: 0.01 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BM003850.D
 Acq: 29 Dec 2015 04:42

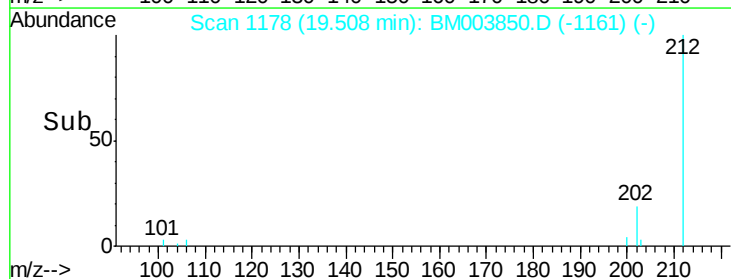
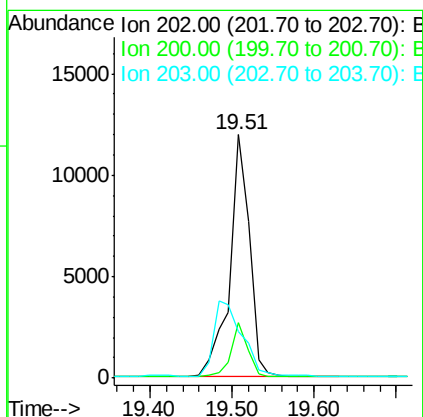
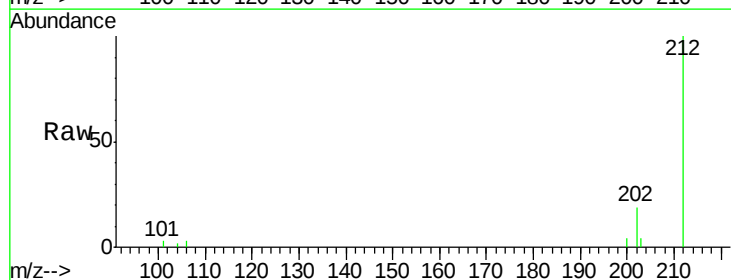
Instrument :
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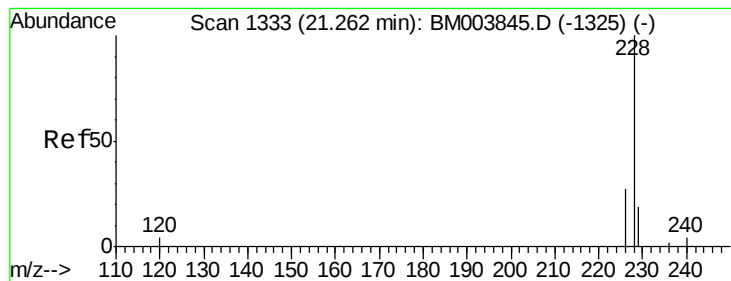
Tgt Ion:202 Resp: 25836
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 29.6
 203 17.0 0.0 36.3



#19
Pyrene
 Concen: 0.39 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM003850.D
 Acq: 29 Dec 2015 04:42

Tgt Ion:202 Resp: 19602
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.8 26.8
 203 19.3 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_G

ClientSampleId :

D9N65

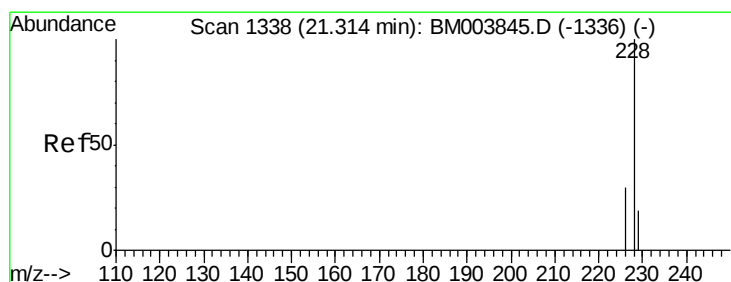
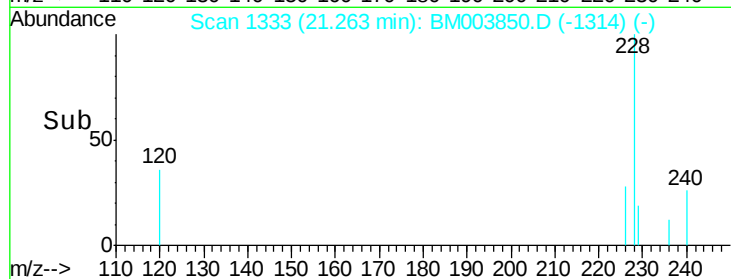
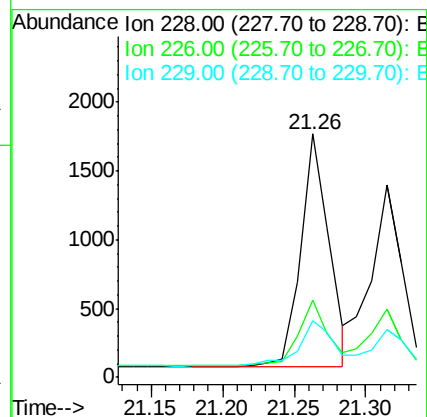
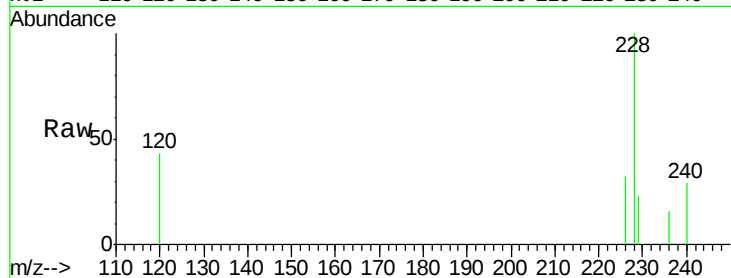
Tgt Ion:228 Resp: 2339

Ion Ratio Lower Upper

228 100

226 31.6 18.8 28.2#

229 23.3 17.1 25.7



#21

Chrysene

Concen: 0.04 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.05 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

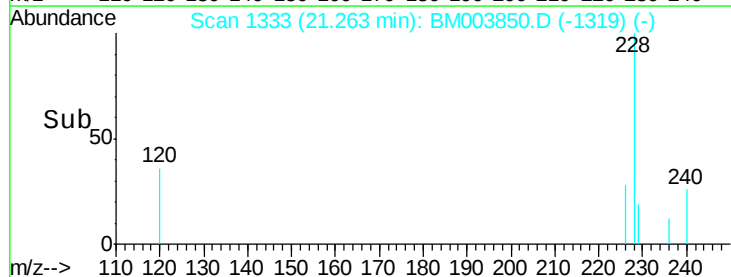
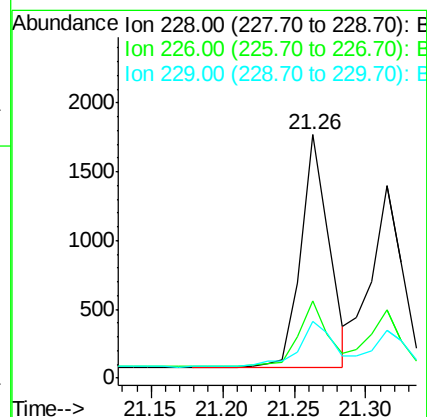
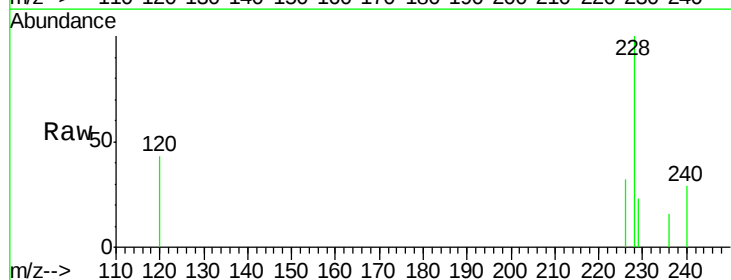
Tgt Ion:228 Resp: 2339

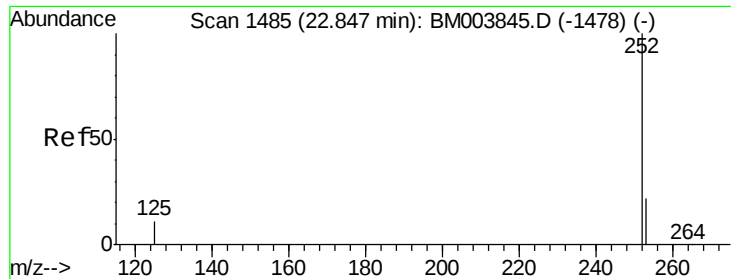
Ion Ratio Lower Upper

228 100

226 31.6 21.2 31.8

229 23.3 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.77 min Scan# 1478

Delta R.T. -0.07 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

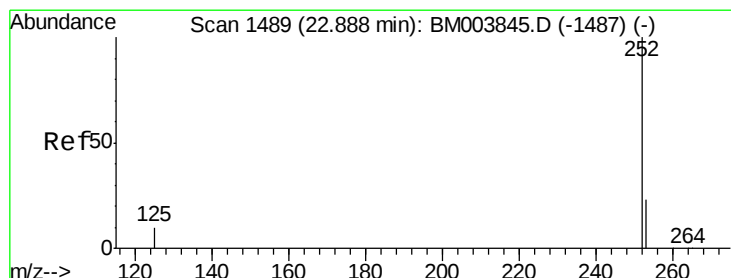
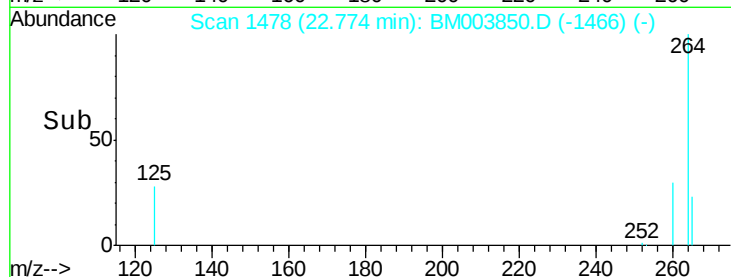
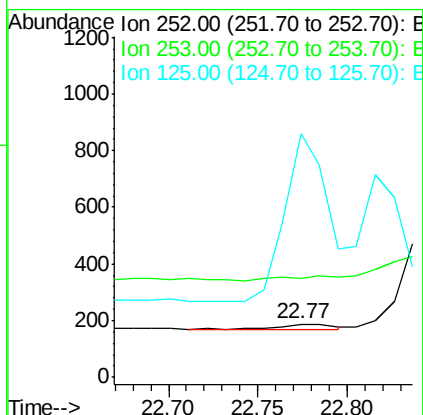
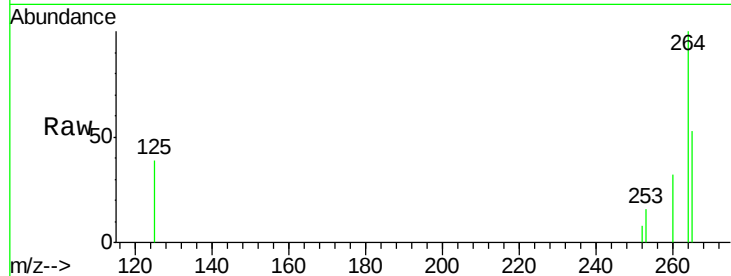
BNA_G

ClientSampleId :

D9N65

Tgt Ion:252 Resp: 46

Ion	Ratio	Lower	Upper
252	100		
253	186.7	0.0	45.4#
125	456.9	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.77 min Scan# 1478

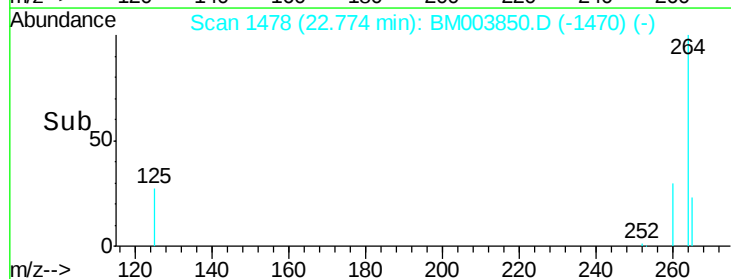
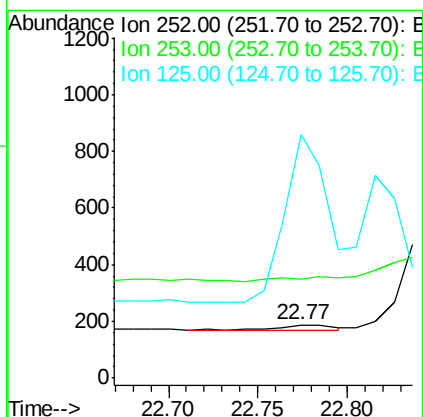
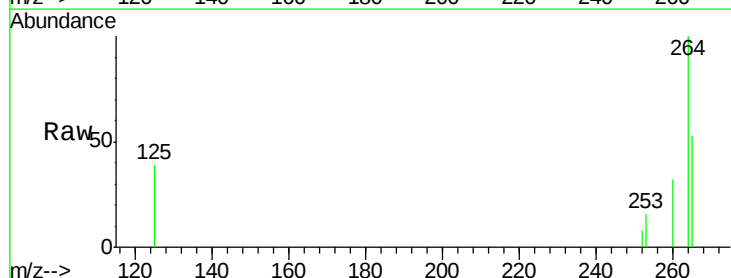
Delta R.T. -0.11 min

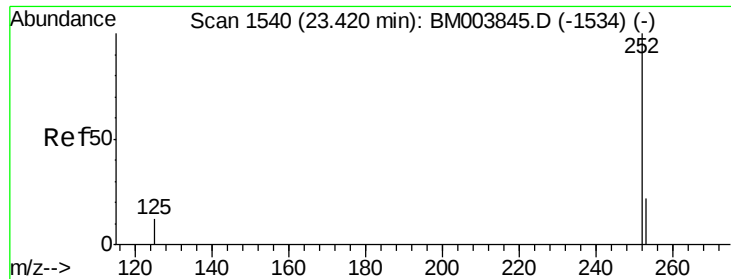
Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Tgt Ion:252 Resp: 46

Ion	Ratio	Lower	Upper
252	100		
253	186.7	19.8	29.8#
125	456.9	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_G

ClientSampleId :

D9N65

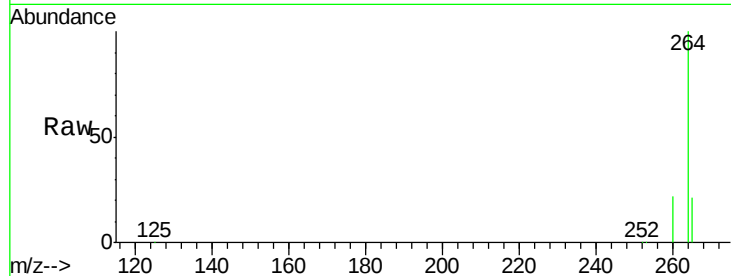
Tgt Ion: 252 Resp: 5131

Ion Ratio Lower Upper

252 100

253 40.8 19.4 29.2#

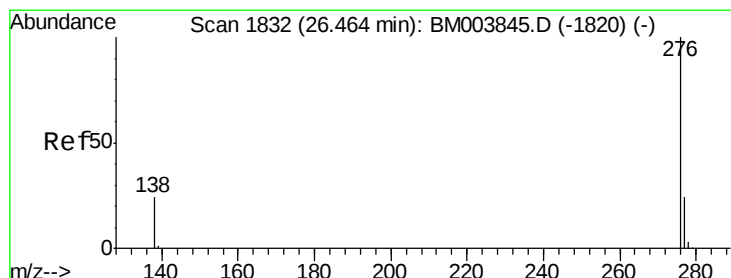
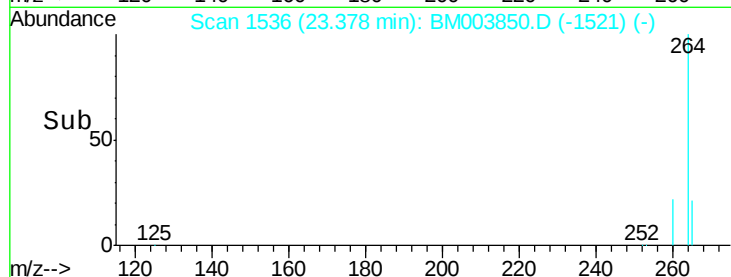
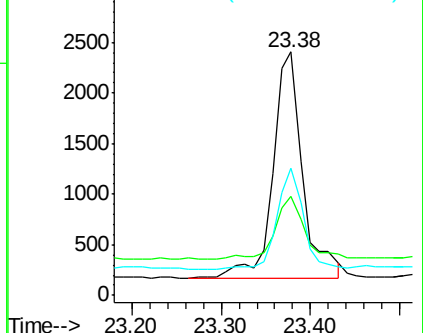
125 52.5 12.7 19.1#



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



#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: BM003850.D

Acq: 29 Dec 2015 04:42

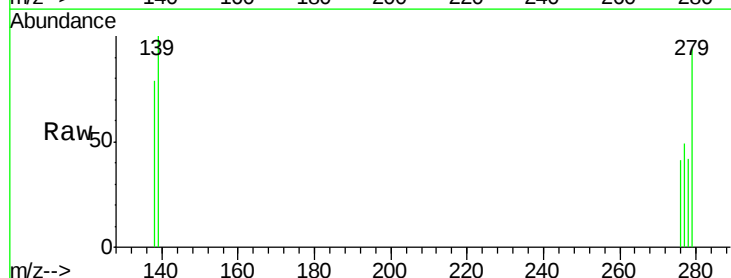
Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

277 120.0 18.9 28.3#

138 192.3 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

