

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003833.D
 Acq On : 28 Dec 2015 17:58
 Operator : SJ/UM
 Sample : PB87376BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK76

Quant Time: Dec 29 07:12:28 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 07:09:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3776	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	16817	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	10418	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1394468	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	21353	0.40	ng/ul	0.00
22) Perylene-d12	23.39	264	1139512	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	17878	11.08	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	6707	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.37	212	733	0.00	ng/ul	0.25

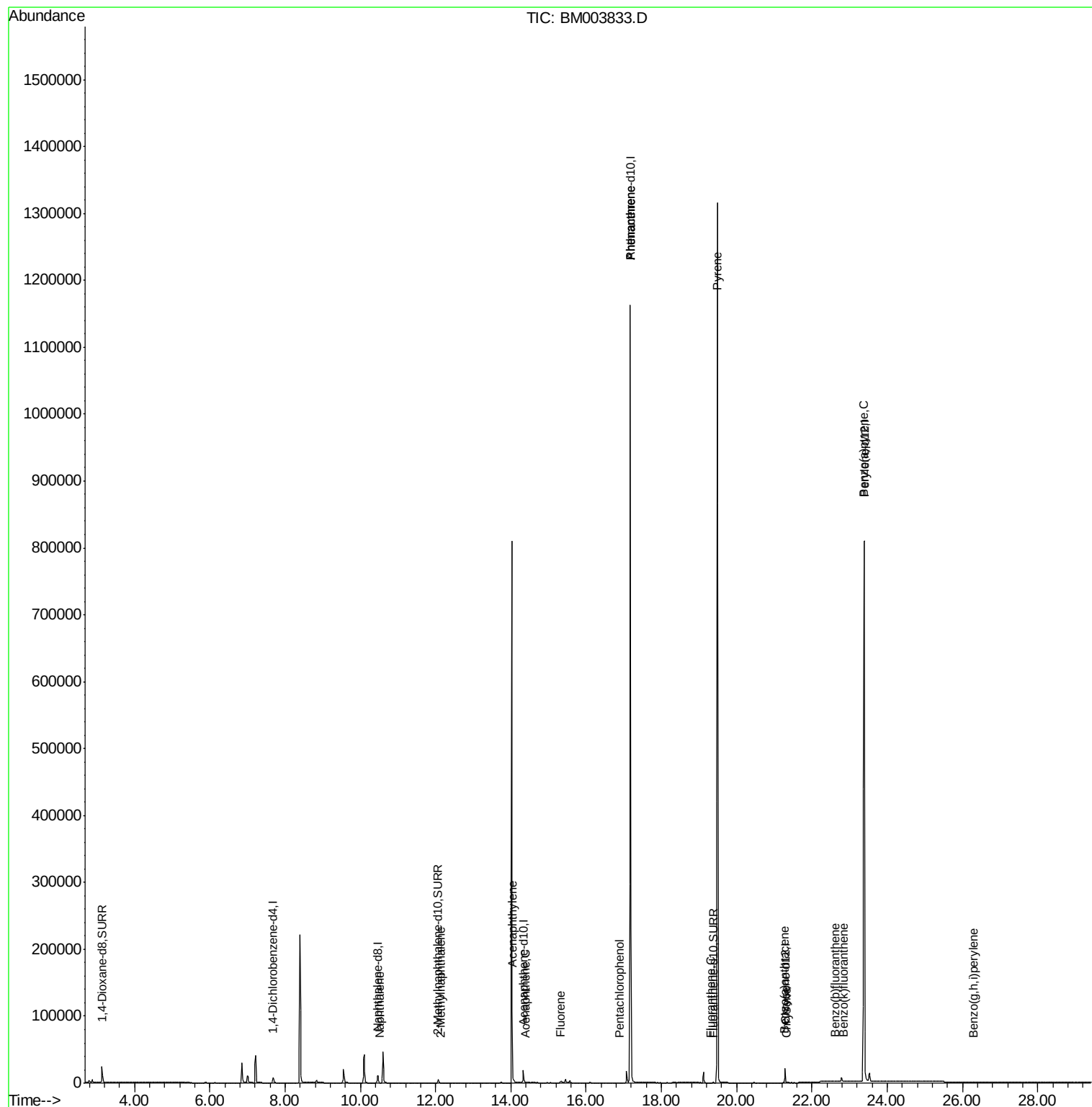
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.51	128	252	0.01	ng/ul#	25
7) 2-Methylnaphthalene	12.14	142	96	0.00	ng/ul	89
9) Acenaphthylene	14.04	152	546	0.01	ng/ul#	57
10) Acenaphthene	14.38	153	186	0.01	ng/ul#	84
11) Fluorene	15.32	166	2573	0.07	ng/ul#	25
13) Pentachlorophenol	16.88	266	3	0.00	ng/ul#	20
14) Phenanthrene	17.18	178	833	0.00	ng/ul#	1
15) Anthracene	17.18	178	815	0.00	ng/ul#	1
17) Fluoranthene	19.30	202	184	0.00	ng/ul#	1
19) Pyrene	19.48	202	2802	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.27	228	385	0.01	ng/ul#	17
21) Chrysene	21.31	228	281	0.00	ng/ul#	30
23) Benzo(b)fluoranthene	22.61	252	15	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.85	252	438	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.38	252	4554	0.00	ng/ul#	48
28) Benzo(g,h,i)perylene	26.29	276	8	0.00	ng/ul#	1

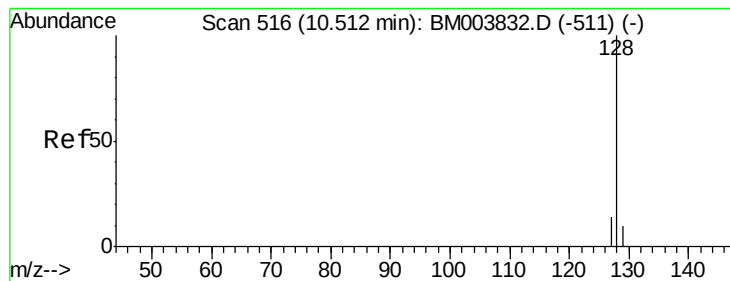
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

Instrument :

BNA_G

ClientSampleId :

SBLK76

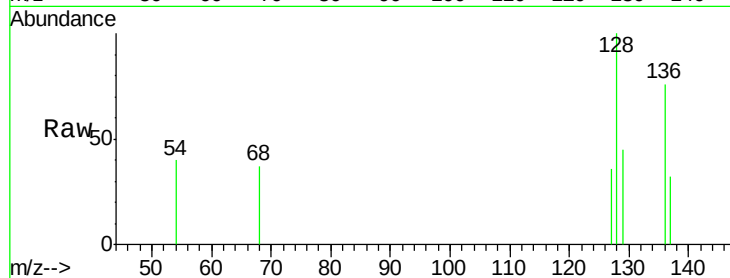
Tgt Ion:128 Resp: 252

Ion Ratio Lower Upper

128 100

129 44.7 9.0 13.6#

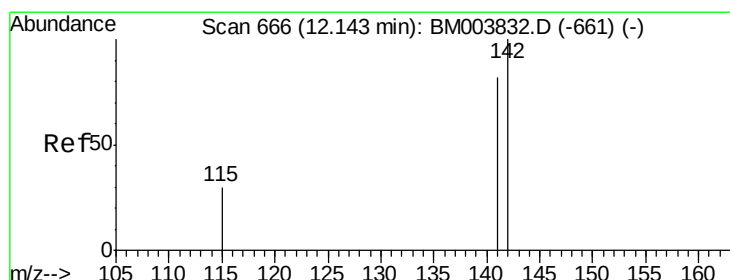
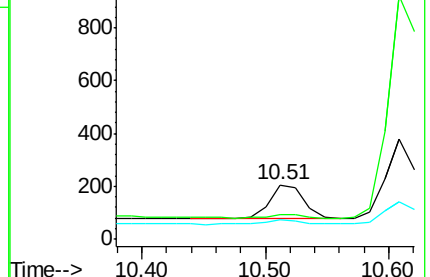
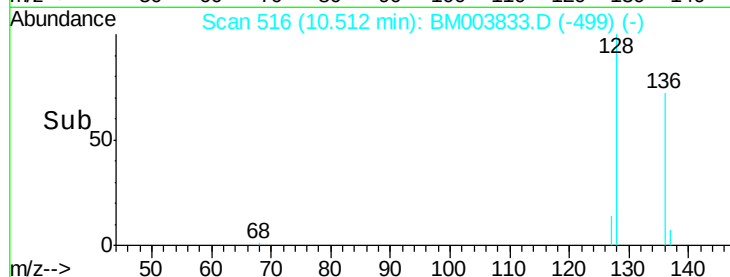
127 36.4 9.6 14.4#



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: 0.00 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM003833.D

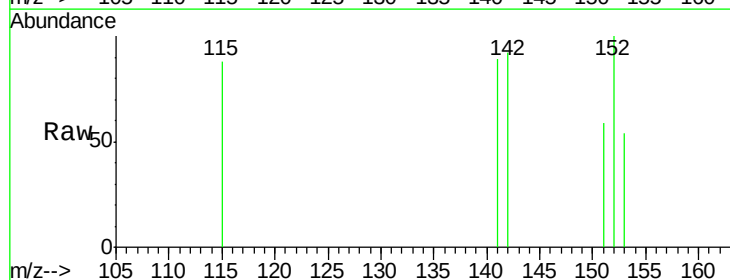
Acq: 28 Dec 2015 17:58

Tgt Ion:142 Resp: 96

Ion Ratio Lower Upper

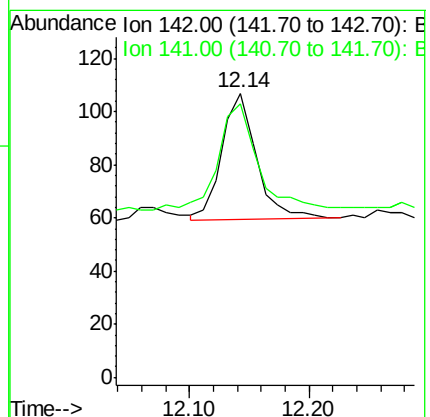
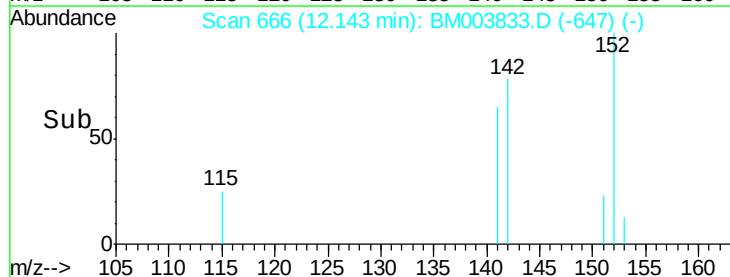
142 100

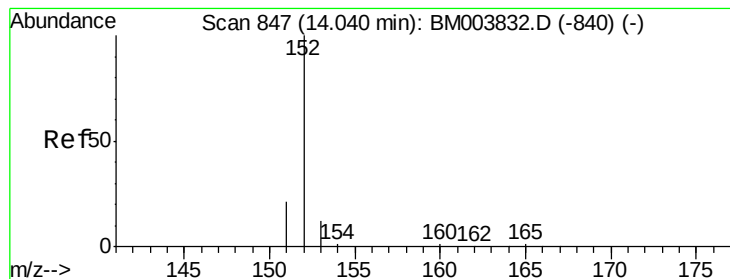
141 97.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

Instrument :

BNA_G

ClientSampleId :

SBLK76

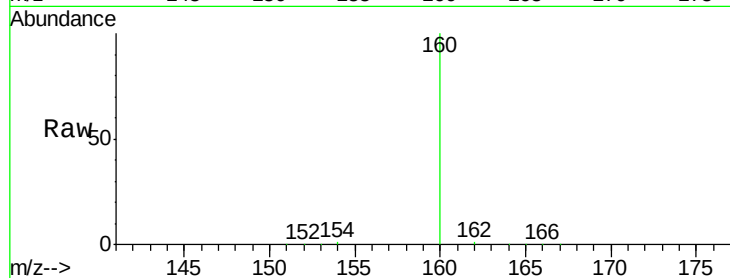
Tgt Ion:152 Resp: 546

Ion Ratio Lower Upper

152 100

151 37.3 17.6 26.4#

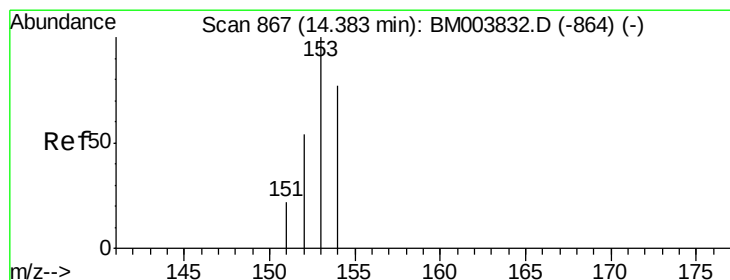
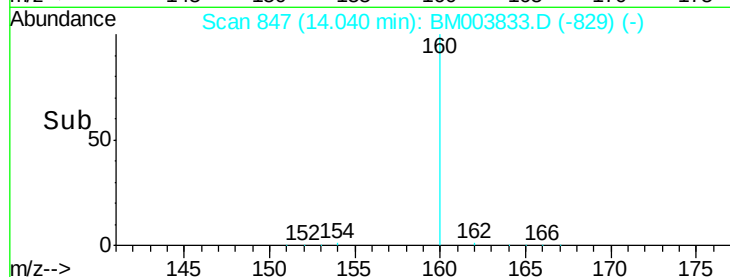
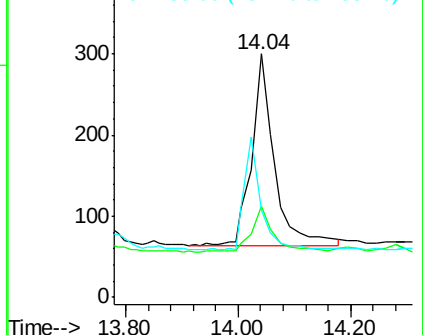
153 36.0 9.7 14.5#



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: 0.01 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

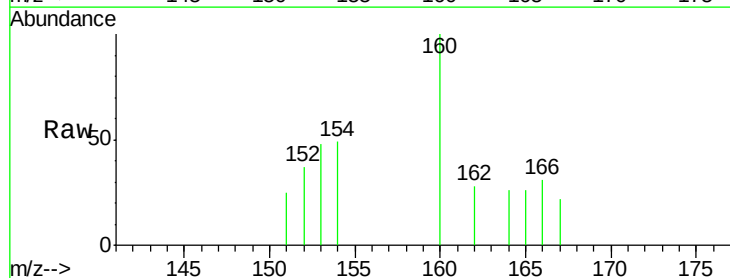
Tgt Ion:153 Resp: 186

Ion Ratio Lower Upper

153 100

152 75.5 33.9 50.9#

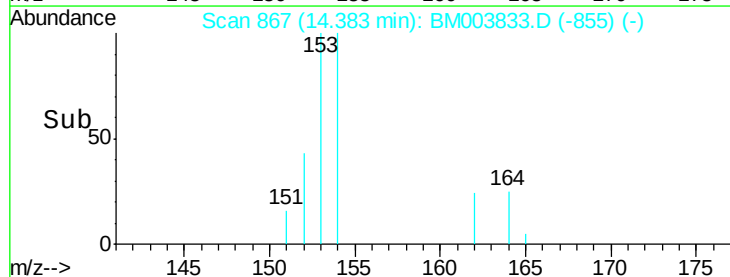
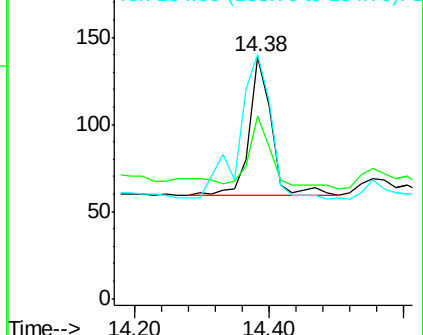
154 100.7 80.6 121.0

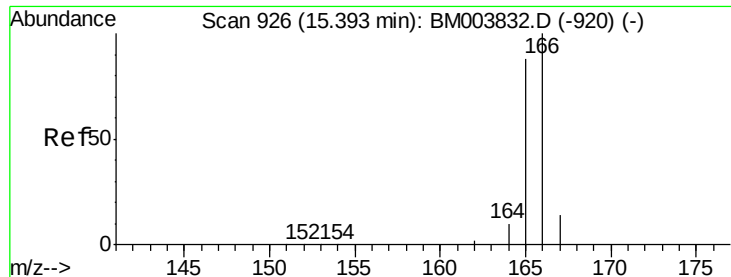


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

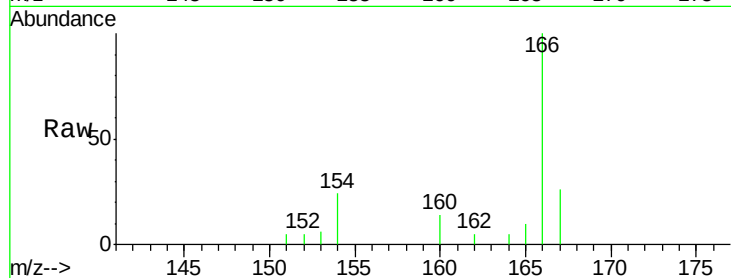




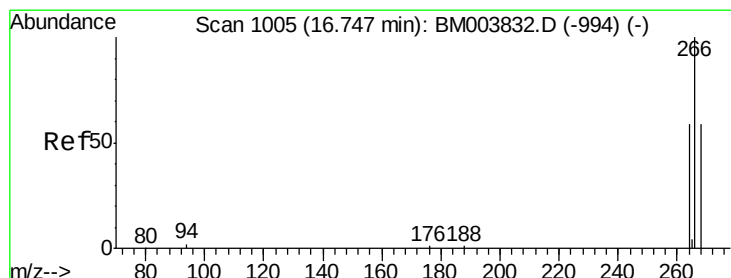
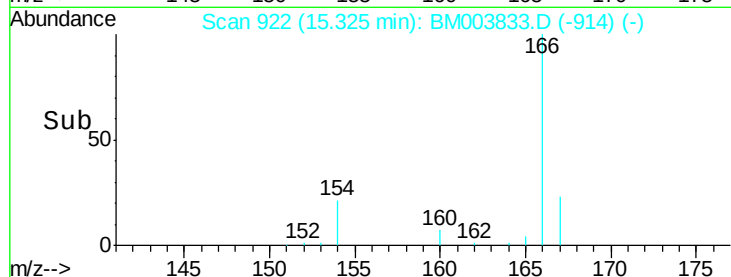
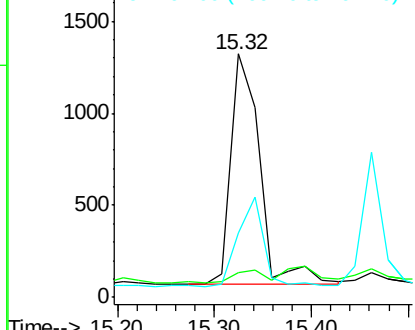
#11
 Fluorene
 Concen: 0.07 ng/ul
 RT: 15.32 min Scan# 922
 Delta R.T. -0.07 min
 Lab File: BM003833.D
 Acq: 28 Dec 2015 17:58

Instrument :
 BNA_G
 ClientSampleId :
 SBLK76

Tgt Ion:166 Resp: 2573
 Ion Ratio Lower Upper
 166 100
 165 10.1 69.6 104.4#
 167 26.3 11.9 17.9#

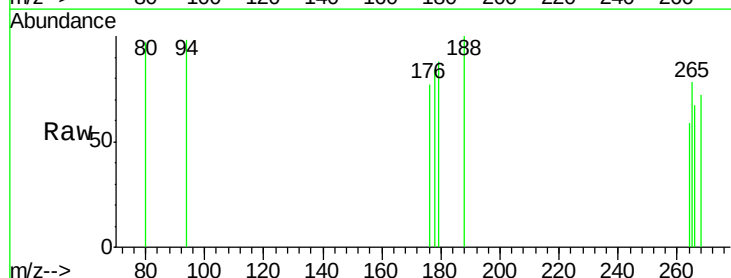


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

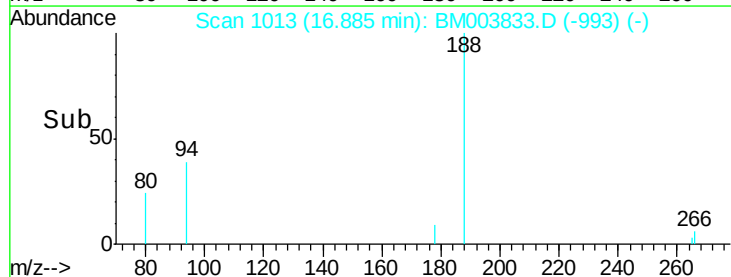
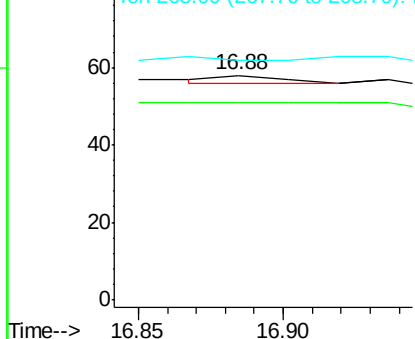


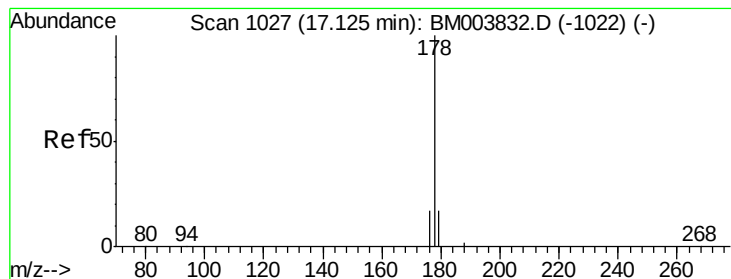
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.88 min Scan# 1013
 Delta R.T. 0.14 min
 Lab File: BM003833.D
 Acq: 28 Dec 2015 17:58

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.8 77.8#
 268 0.0 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: 0.00 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. 0.05 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

Instrument :

BNA_G

ClientSampleId :

SBLK76

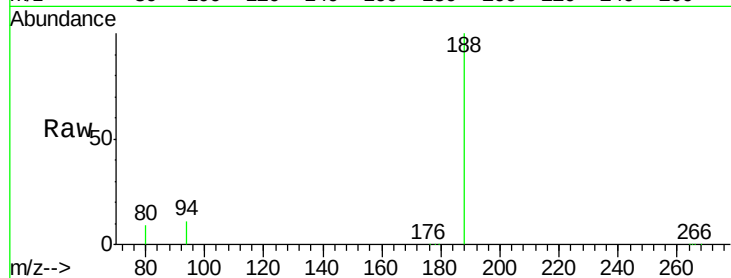
Tgt Ion:178 Resp: 833

Ion Ratio Lower Upper

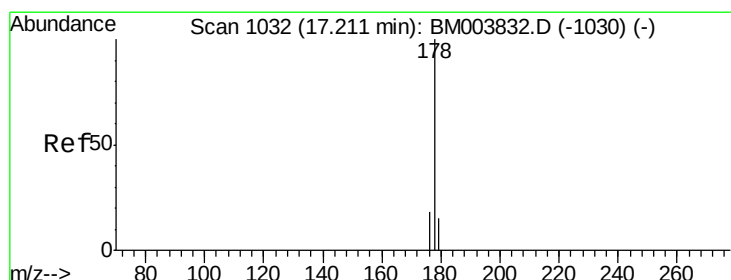
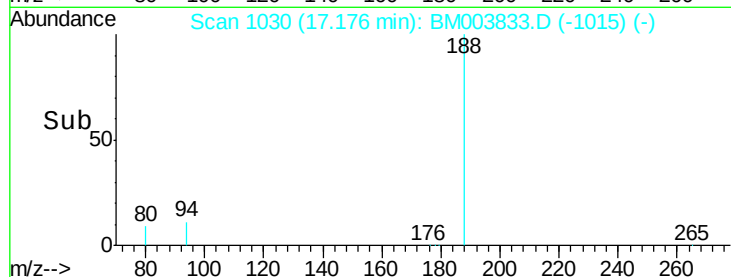
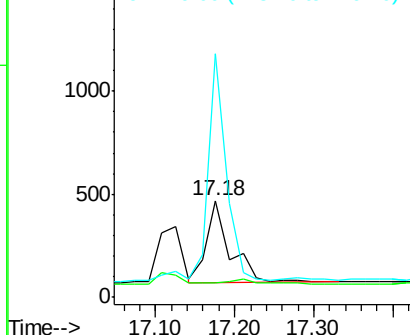
178 100

176 15.6 13.0 19.4

179 251.8 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: 17.18 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

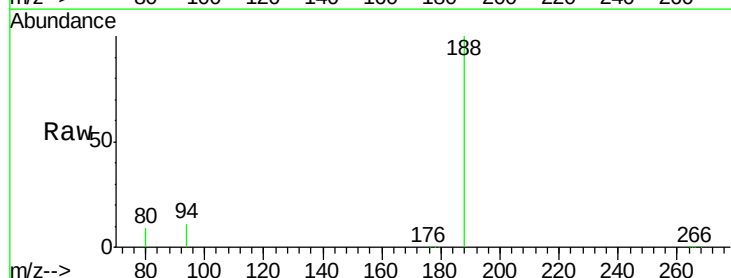
Tgt Ion:178 Resp: 815

Ion Ratio Lower Upper

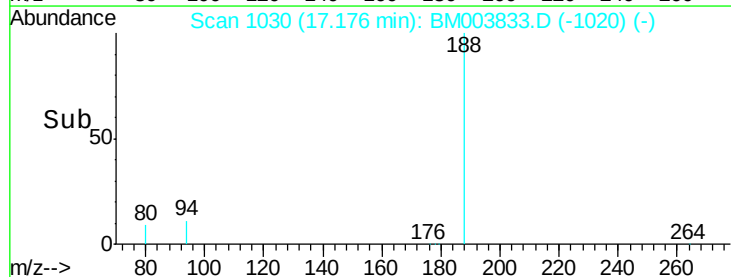
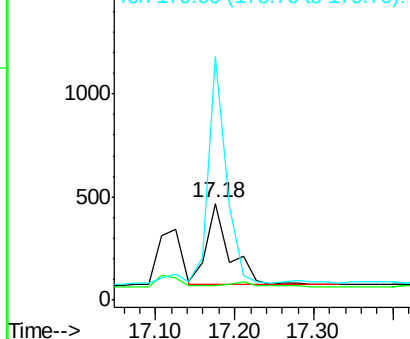
178 100

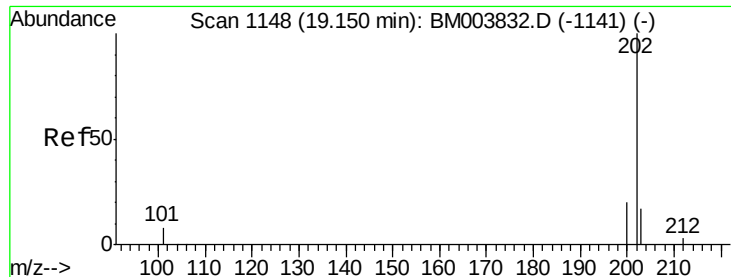
176 15.6 14.0 21.0

179 251.8 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

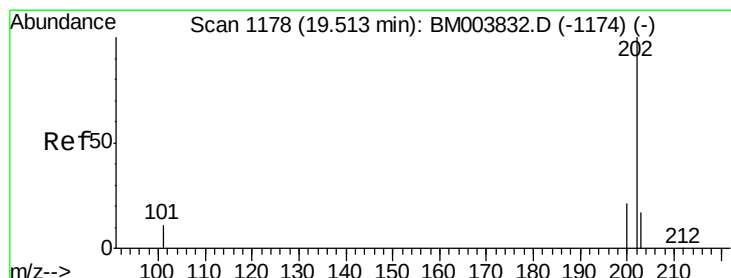
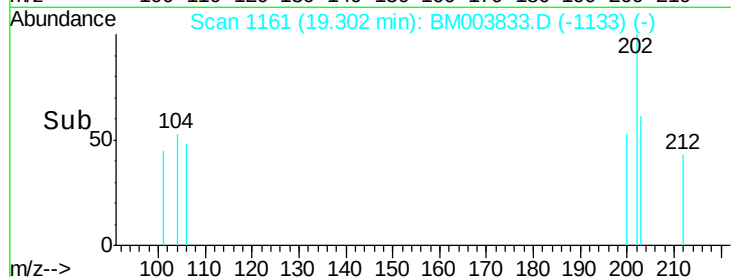
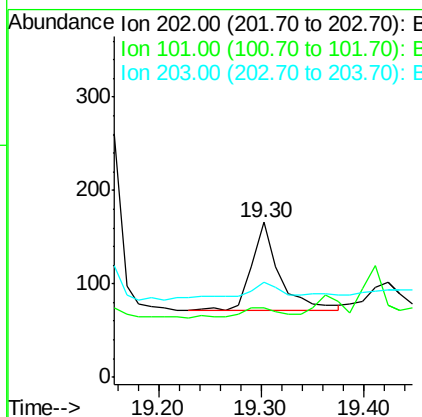
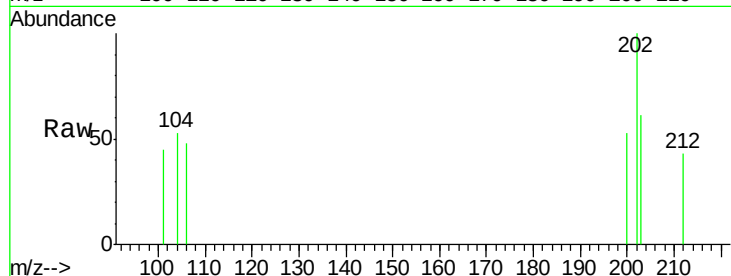




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.30 min Scan# 1161
 Delta R.T. 0.15 min
 Lab File: BM003833.D
 Acq: 28 Dec 2015 17:58

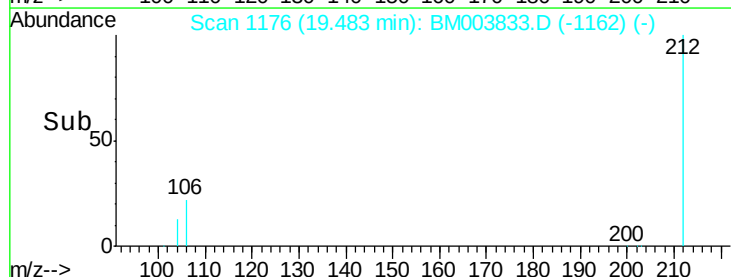
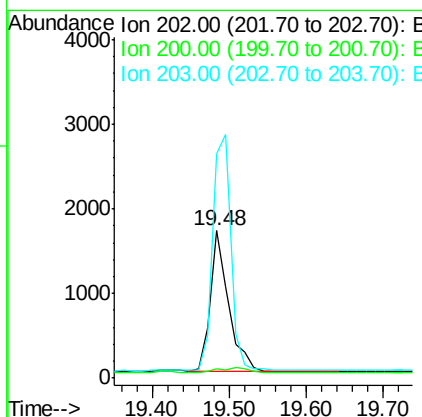
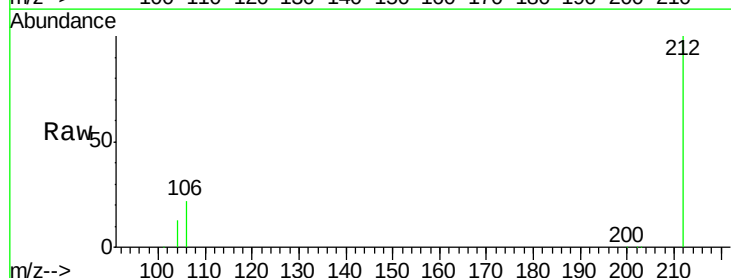
Instrument :
 BNA_G
 ClientSampleId :
 SBLK76

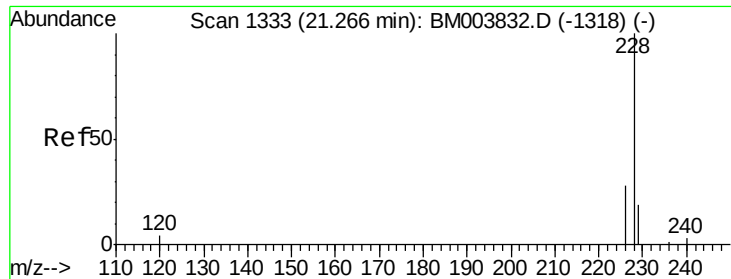
Tgt Ion:202 Resp: 184
 Ion Ratio Lower Upper
 202 100
 101 44.6 0.0 29.6#
 203 61.4 0.0 36.3#



#19
Pyrene
 Concen: 0.05 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BM003833.D
 Acq: 28 Dec 2015 17:58

Tgt Ion:202 Resp: 2802
 Ion Ratio Lower Upper
 202 100
 200 6.4 17.8 26.8#
 203 152.3 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

Instrument :

BNA_G

ClientSampleId :

SBLK76

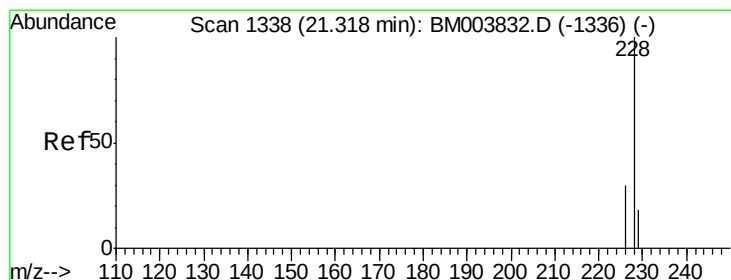
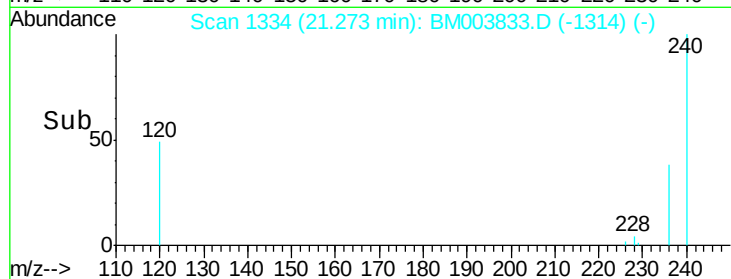
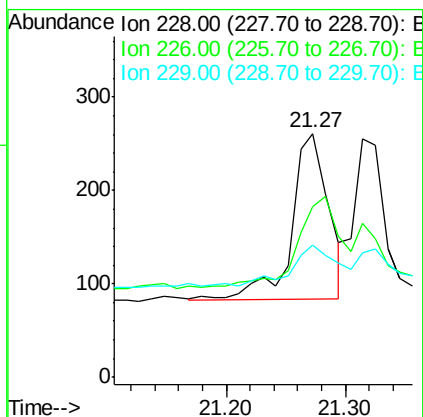
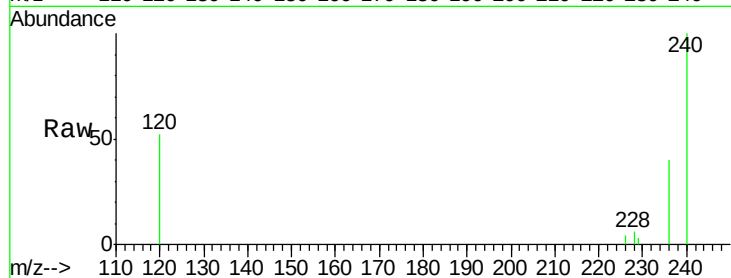
Tgt Ion:228 Resp: 385

Ion Ratio Lower Upper

228 100

226 70.1 18.8 28.2#

229 54.4 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

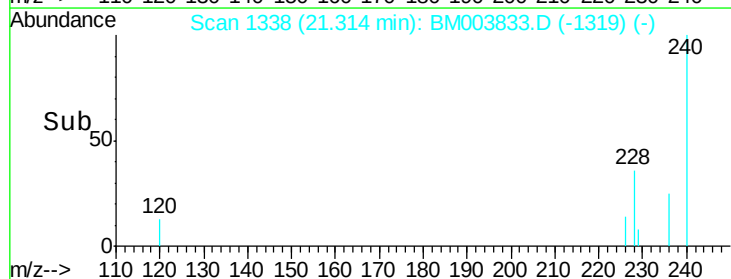
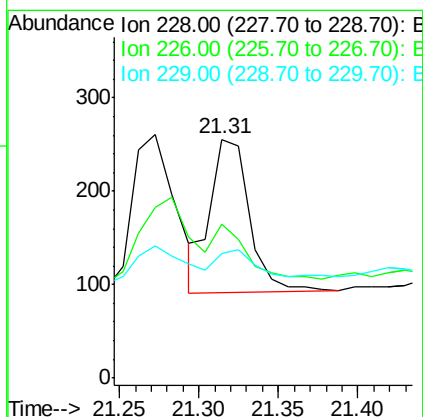
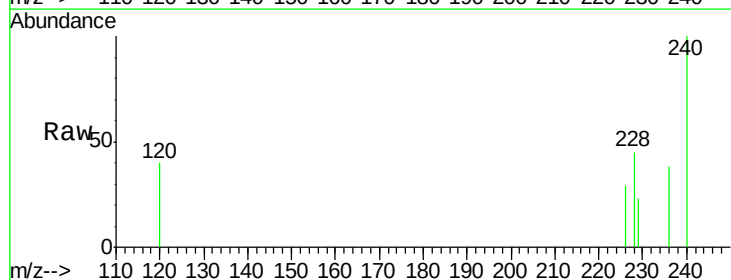
Tgt Ion:228 Resp: 281

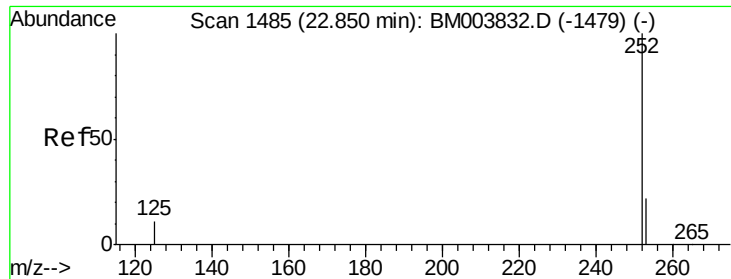
Ion Ratio Lower Upper

228 100

226 64.5 21.2 31.8#

229 52.0 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.61 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

Instrument :

BNA_G

ClientSampleId :

SBLK76

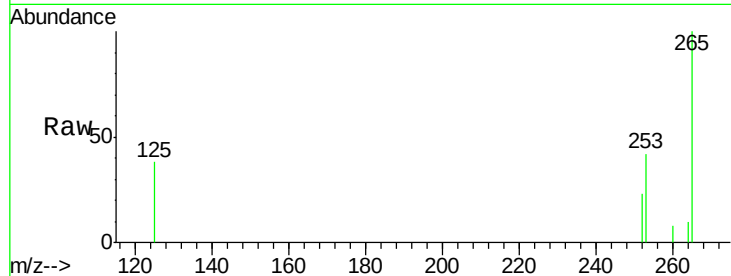
Tgt Ion:252 Resp: 15

Ion Ratio Lower Upper

252 100

253 183.6 0.0 45.4#

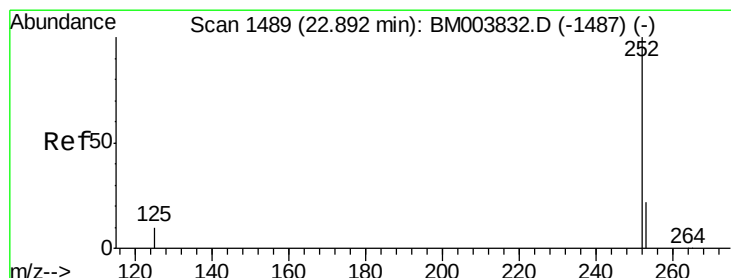
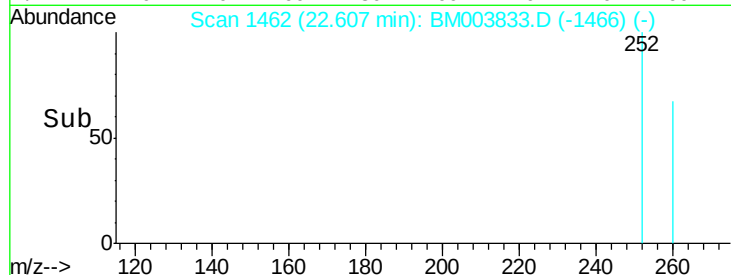
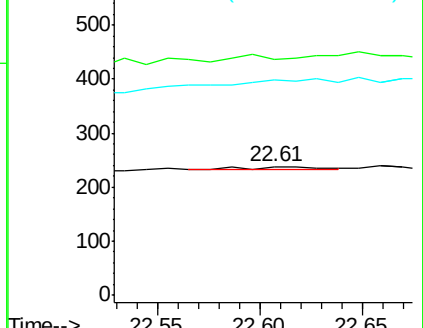
125 167.6 0.0 28.8#



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/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

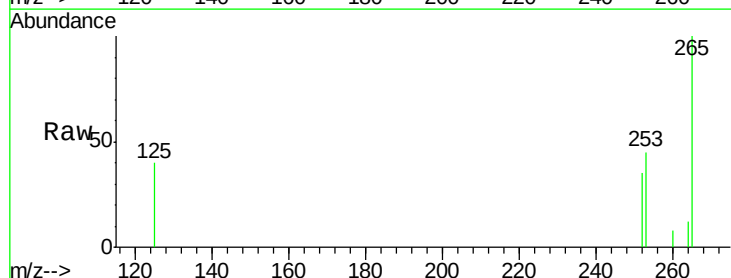
Tgt Ion:252 Resp: 438

Ion Ratio Lower Upper

252 100

253 128.3 19.8 29.8#

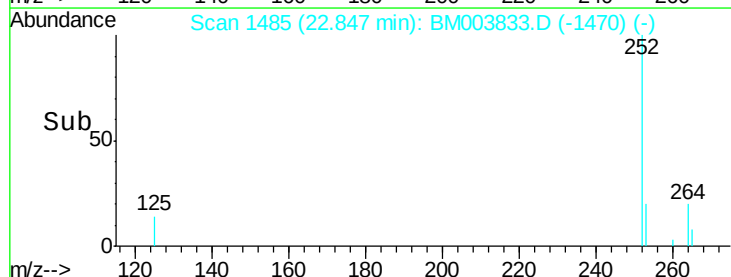
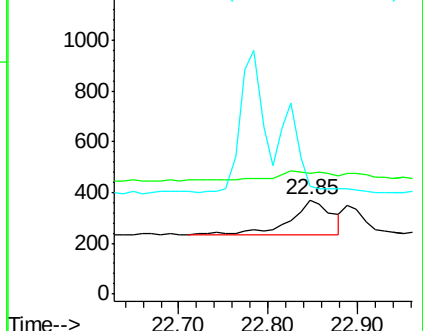
125 114.6 10.4 15.6#

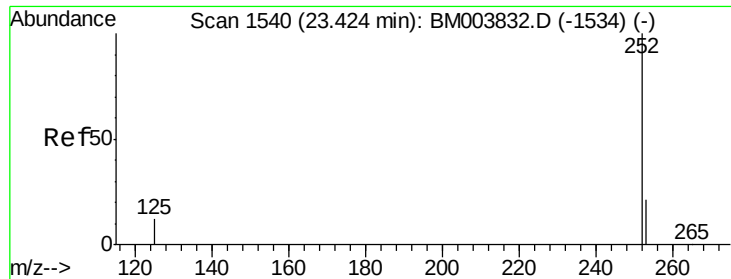


Abundance Ion 252.00 (251.70 to 252.70): E

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. -0.05 min

Lab File: BM003833.D

Acq: 28 Dec 2015 17:58

Instrument :

BNA_G

ClientSampleId :

SBLK76

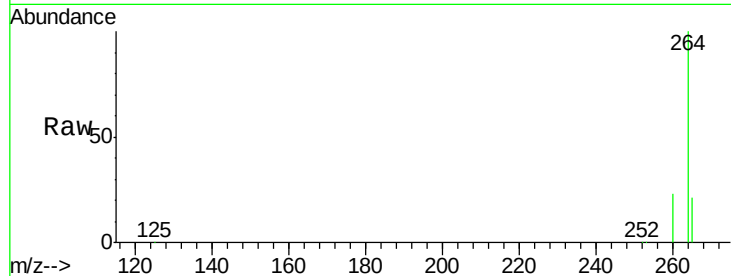
Tgt Ion: 252 Resp: 4554

Ion Ratio Lower Upper

252 100

253 41.1 19.4 29.2#

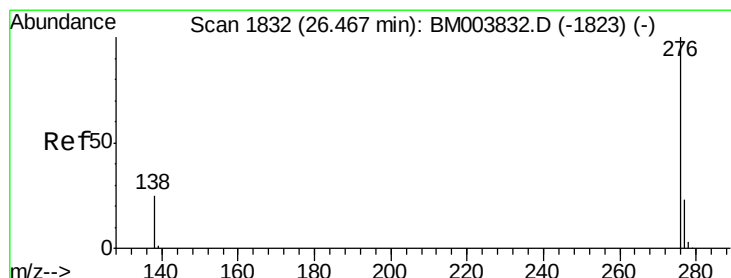
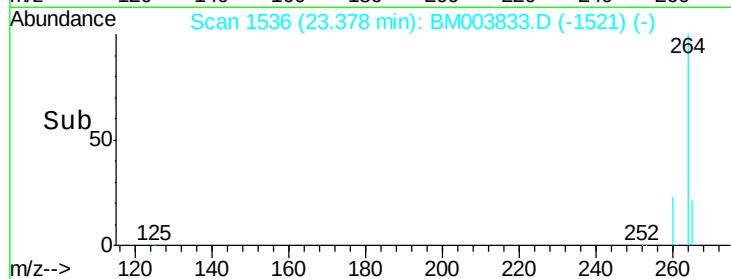
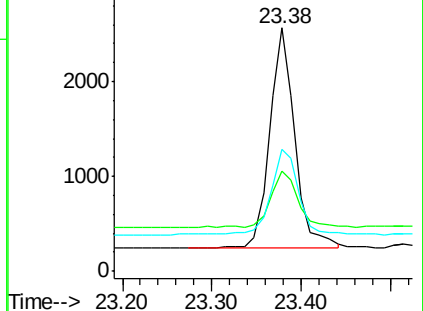
125 49.9 12.7 19.1#



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



#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: BM003833.D

Acq: 28 Dec 2015 17:58

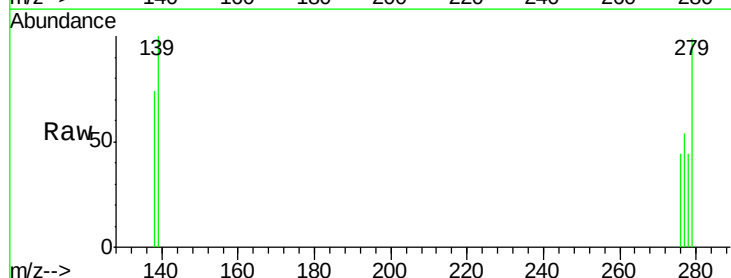
Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

277 123.6 18.9 28.3#

138 168.5 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

