

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003852.D
 Acq On : 29 Dec 2015 05:54
 Operator : SJ/UM
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD0.466

Quant Time: Dec 29 08:23:33 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

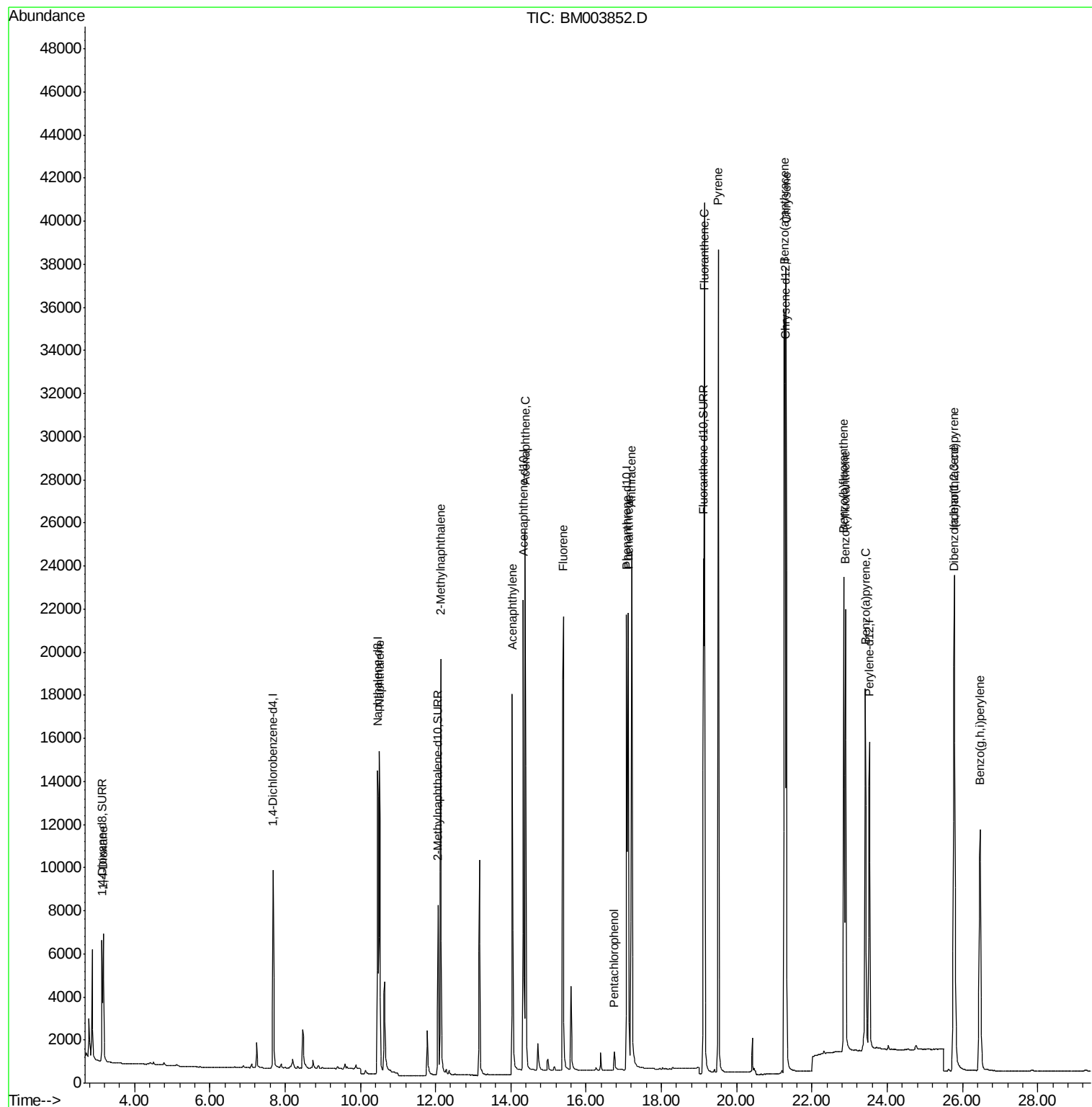
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	5177	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	22349	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	12572	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	29292	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	26231	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	19575	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	4400	1.99	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	11852	0.44	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	28646	0.46	ng/ul	0.00
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.17	88	5311	1.88	ng/ul#	8
5) Naphthalene	10.51	128	21897	0.43	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	15619	0.46	ng/ul	100
9) Acenaphthylene	14.04	152	19733	0.41	ng/ul	97
10) Acenaphthene	14.38	153	17212	0.44	ng/ul#	80
11) Fluorene	15.39	166	19583	0.46	ng/ul	99
13) Pentachlorophenol	16.75	266	869	0.21	ng/ul	97
14) Phenanthrene	17.12	178	32870	0.44	ng/ul	99
15) Anthracene	17.21	178	29210	0.45	ng/ul	99
17) Fluoranthene	19.14	202	39788	0.48	ng/ul	98
19) Pyrene	19.51	202	38961	0.55	ng/ul	99
20) Benzo(a)anthracene	21.26	228	31628	0.49	ng/ul#	92
21) Chrysene	21.31	228	32396	0.44	ng/ul	92
23) Benzo(b)fluoranthene	22.85	252	28241	0.42	ng/ul	97
24) Benzo(k)fluoranthene	22.89	252	26062	0.43	ng/ul	97
25) Benzo(a)pyrene	23.42	252	25032	0.44	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.78	276	27091	0.41	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.79	278	21804	0.41	ng/ul	100
28) Benzo(g,h,i)perylene	26.46	276	23420	0.41	ng/ul	98

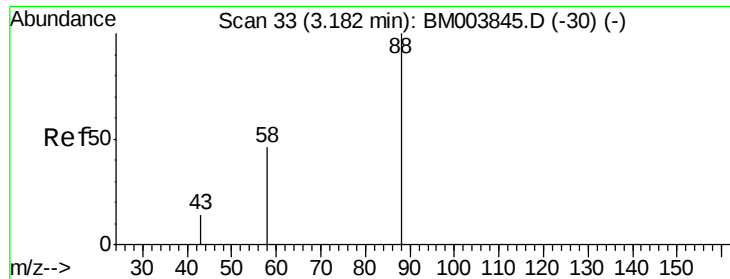
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 1.88 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.02 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

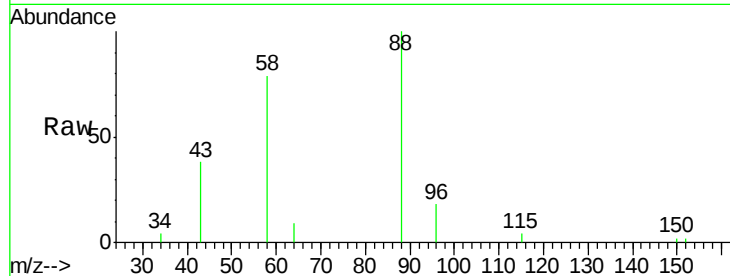
Tgt Ion: 88 Resp: 5311

Ion Ratio Lower Upper

88 100

58 62.9 8.0 12.0#

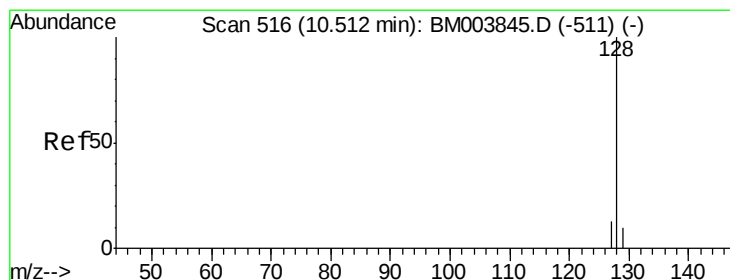
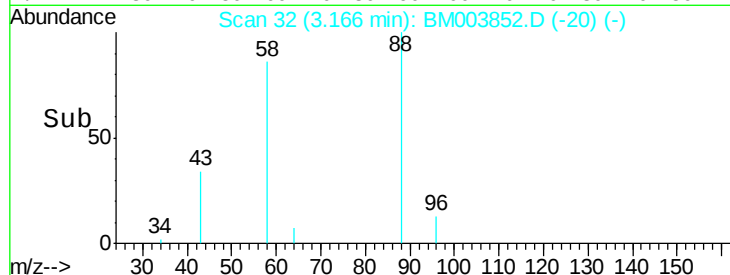
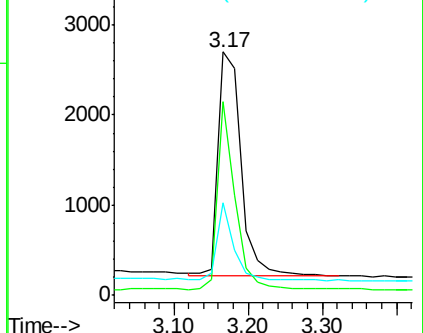
43 25.2 8.0 12.0#



Abundance Ion 88.00 (87.70 to 88.70): BM003845.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM003845.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM003845.D (-30) (-)



#5

Naphthalene

Concen: 0.43 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

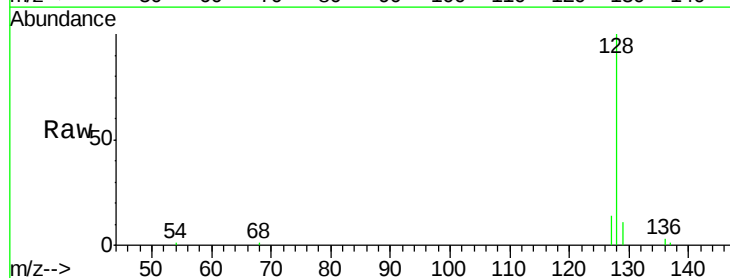
Tgt Ion: 128 Resp: 21897

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

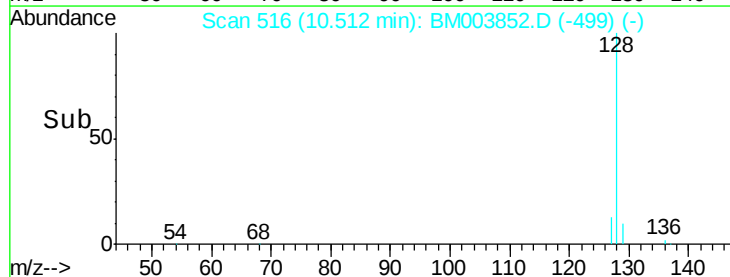
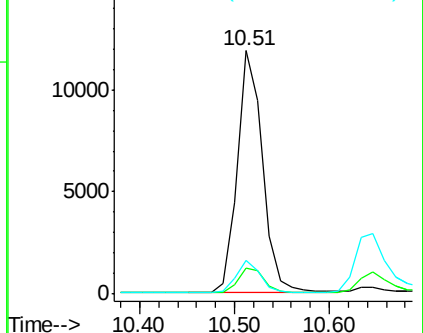
127 13.8 9.6 14.4

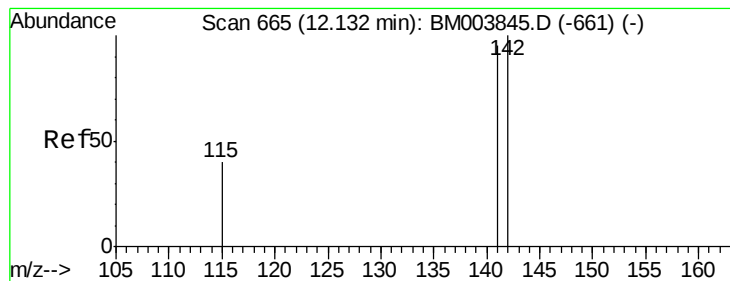


Abundance Ion 128.00 (127.70 to 128.70): BM003845.D (-511) (-)

Ion 129.00 (128.70 to 129.70): BM003845.D (-511) (-)

Ion 127.00 (126.70 to 127.70): BM003845.D (-511) (-)





#7

2-Methylnaphthalene

Concen: 0.46 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

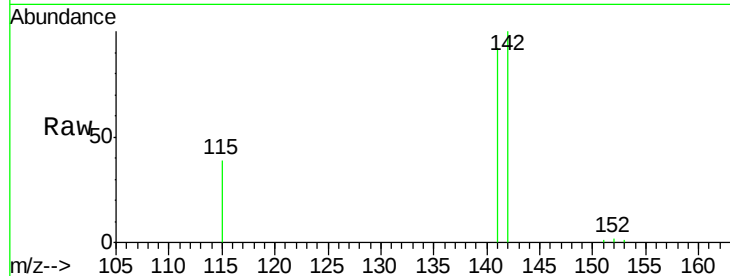
SSTD0.466

Tgt Ion:142 Resp: 15619

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

8000

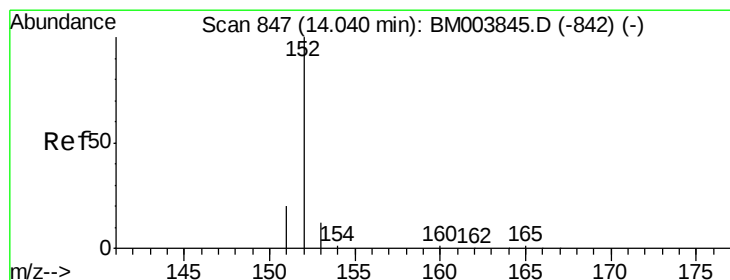
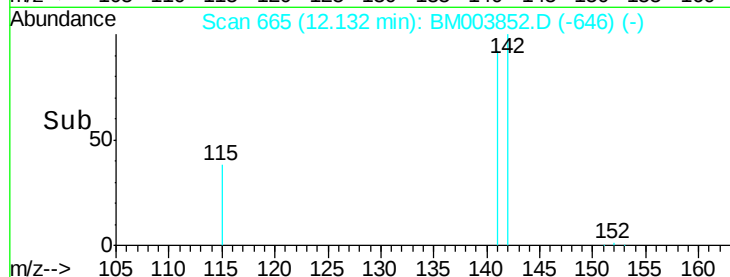
6000

4000

2000

0

Time--> 12.00 12.10 12.20 12.30



#9

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

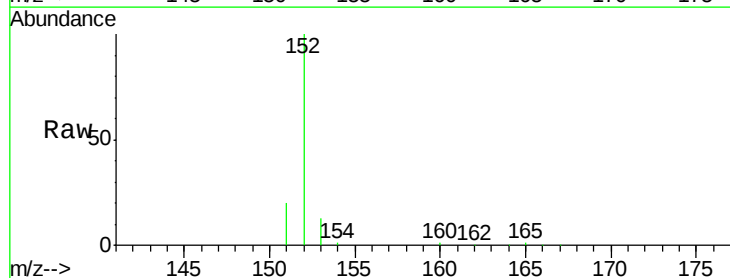
Tgt Ion:152 Resp: 19733

Ion Ratio Lower Upper

152 100

151 20.4 17.6 26.4

153 12.8 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

14.04

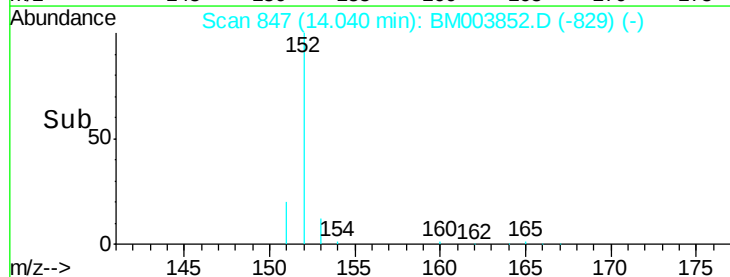
15000

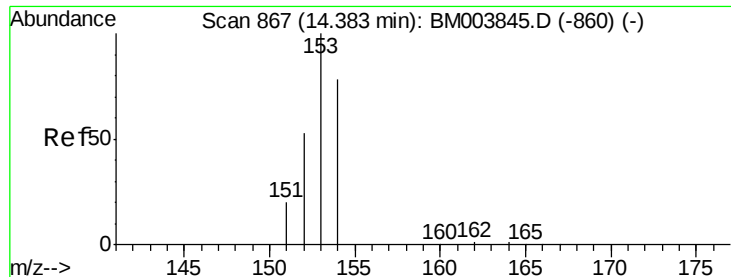
10000

5000

0

Time--> 13.90 14.00 14.10 14.20





#10

Acenaphthene

Concen: 0.44 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

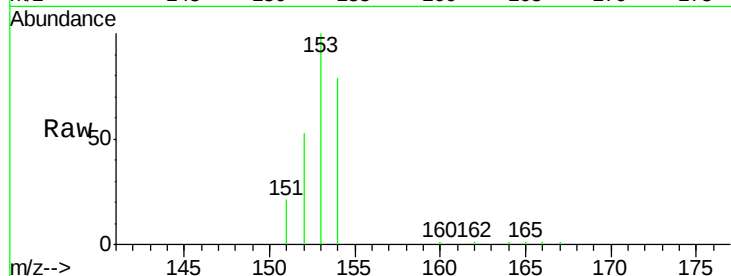
Tgt Ion:153 Resp: 17212

Ion Ratio Lower Upper

153 100

152 52.8 33.9 50.9#

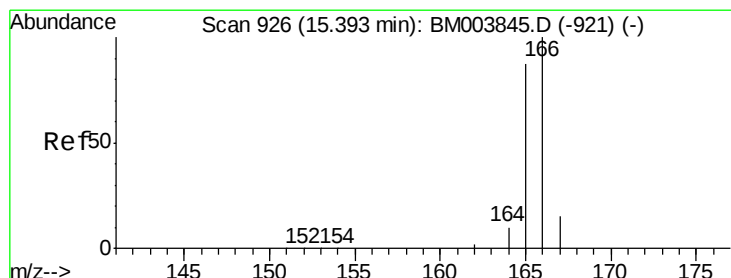
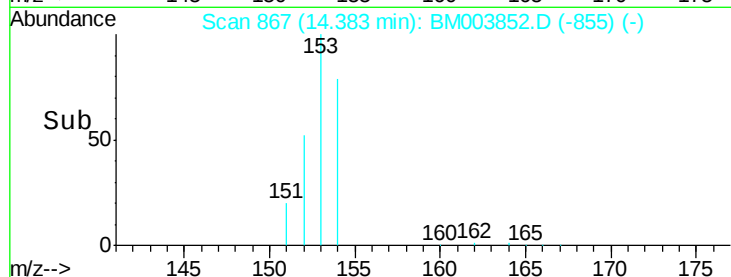
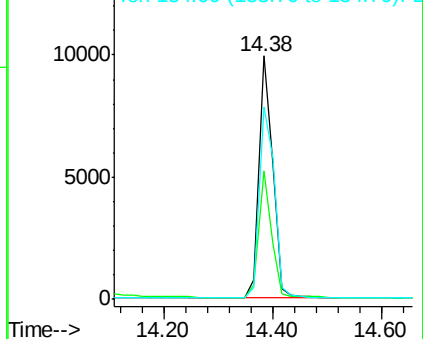
154 79.1 80.6 121.0#



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: 15.39 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

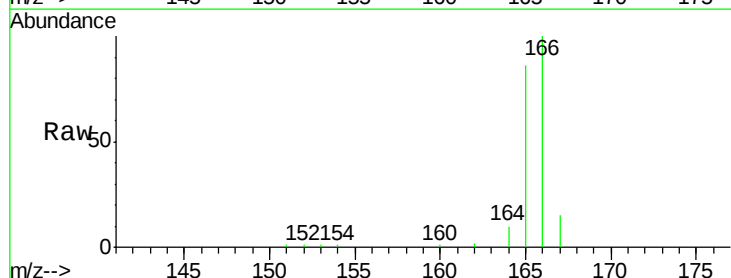
Tgt Ion:166 Resp: 19583

Ion Ratio Lower Upper

166 100

165 86.2 69.6 104.4

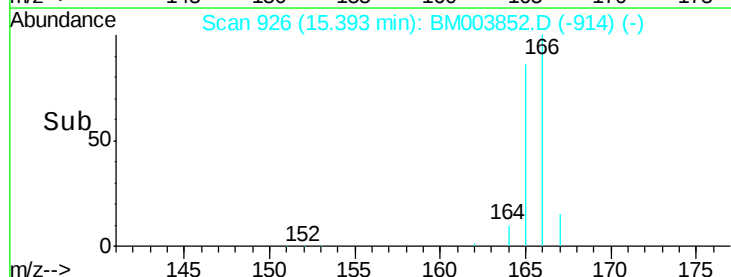
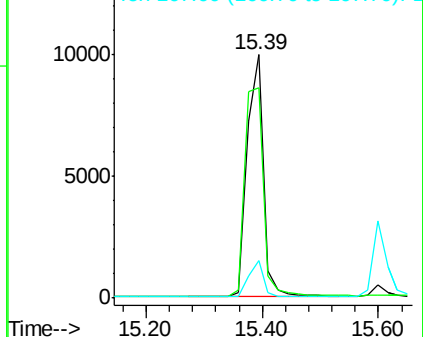
167 15.2 11.9 17.9

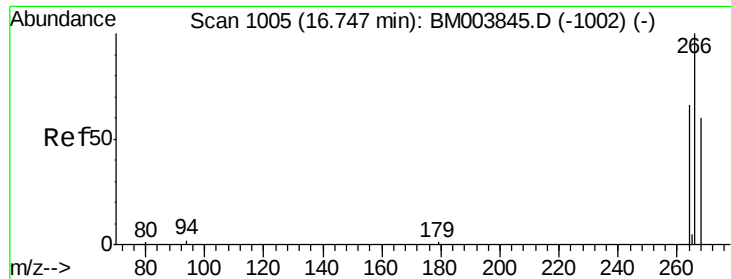


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Pentachlorophenol

Concen: 0.21 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

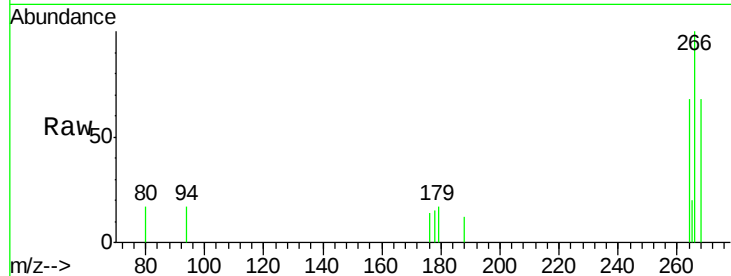
Tgt Ion: 266 Resp: 869

Ion Ratio Lower Upper

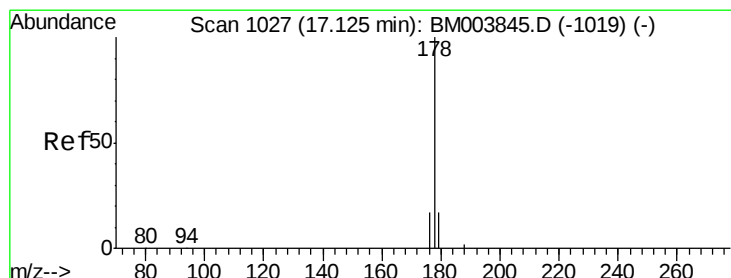
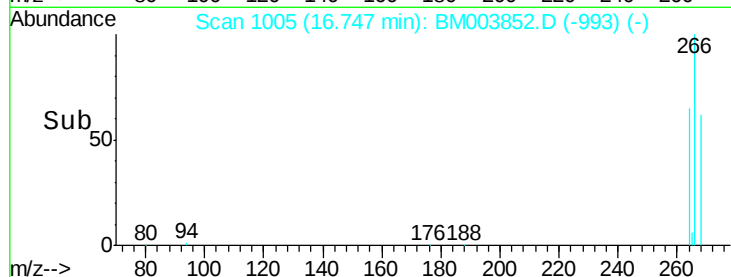
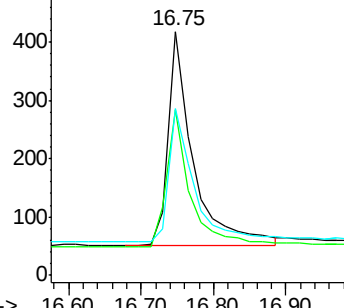
266 100

264 63.1 51.8 77.8

268 62.1 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: 0.44 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

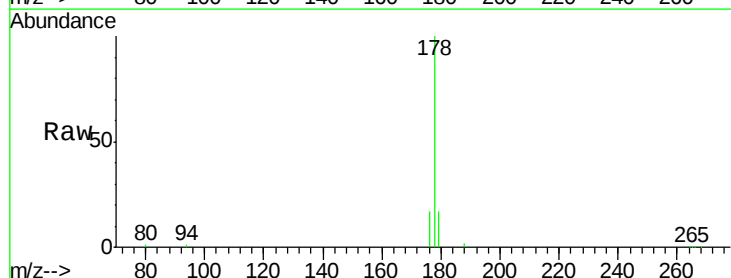
Tgt Ion: 178 Resp: 32870

Ion Ratio Lower Upper

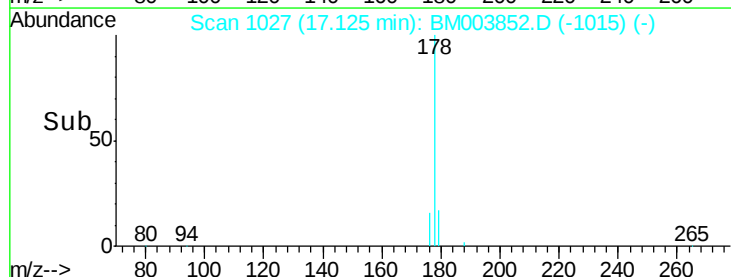
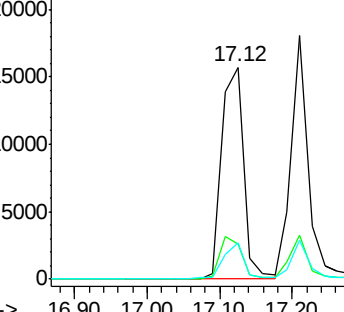
178 100

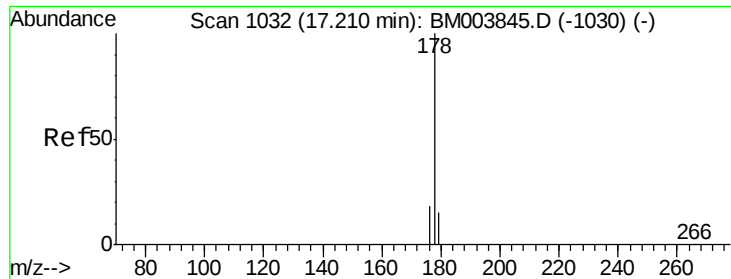
176 16.8 13.0 19.4

179 17.3 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: 0.45 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

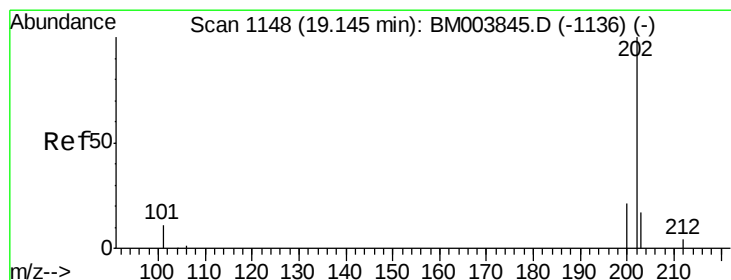
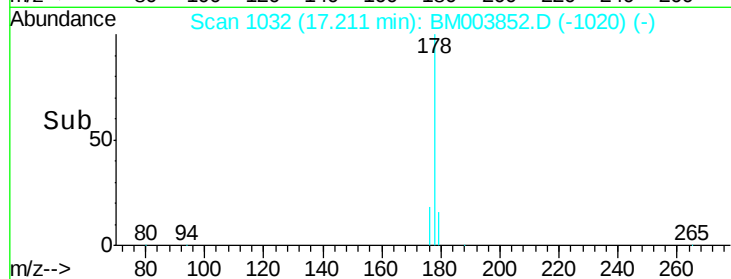
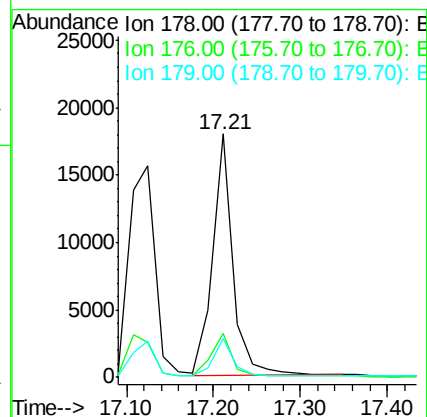
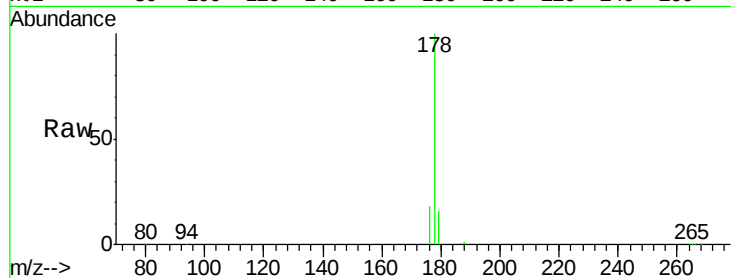
Tgt Ion:178 Resp: 29210

Ion Ratio Lower Upper

178 100

176 18.0 14.0 21.0

179 15.9 12.9 19.3



#17

Fluoranthene

Concen: 0.48 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

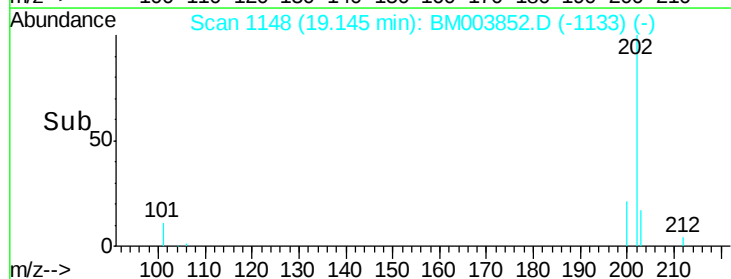
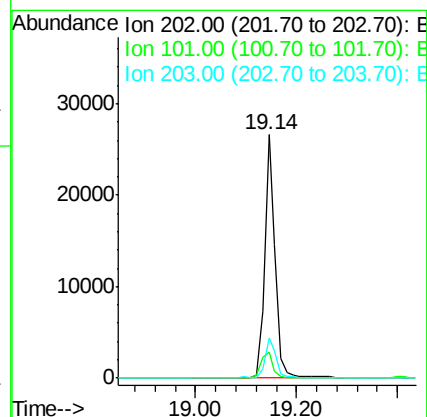
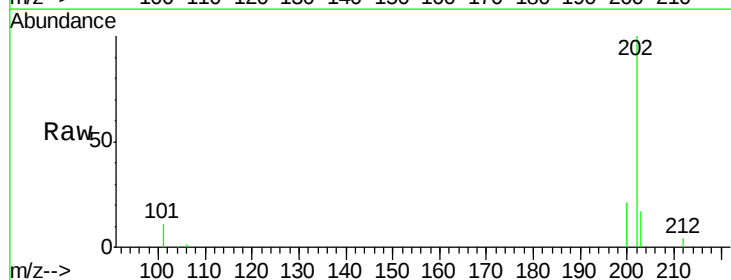
Tgt Ion:202 Resp: 39788

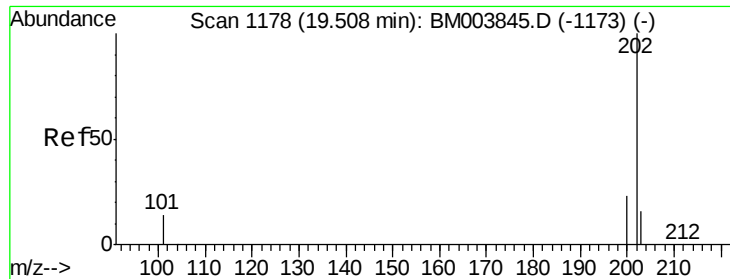
Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.6

203 16.7 0.0 36.3





#19

Pyrene

Concen: 0.55 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

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ClientSampleId :

SSTD0.466

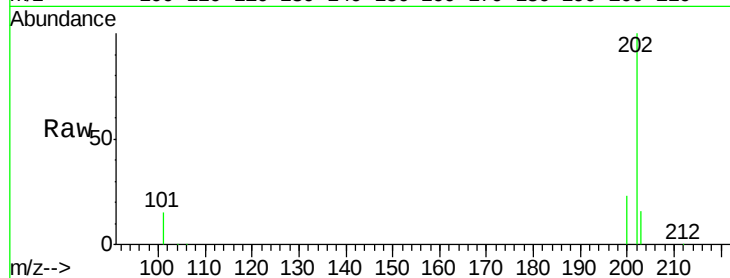
Tgt Ion:202 Resp: 38961

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

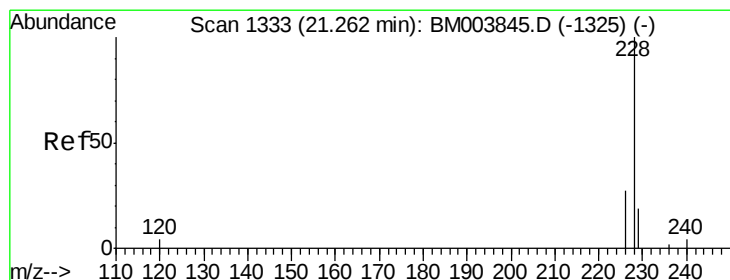
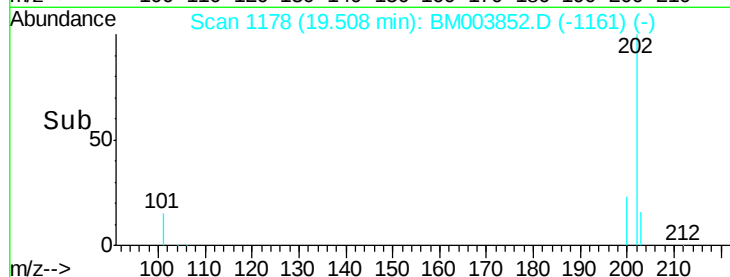
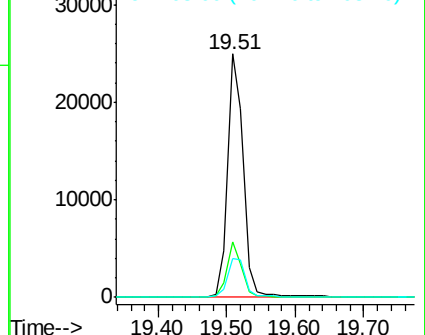
203 15.9 12.8 19.2



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: 0.49 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

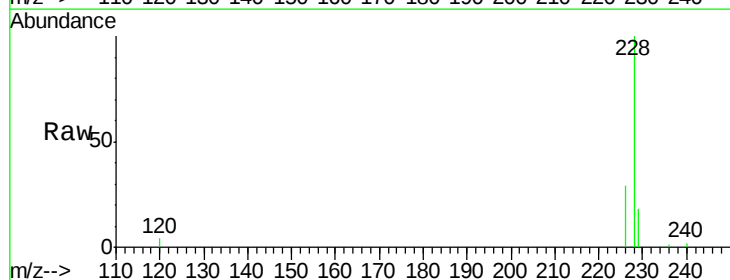
Tgt Ion:228 Resp: 31628

Ion Ratio Lower Upper

228 100

226 28.6 18.8 28.2#

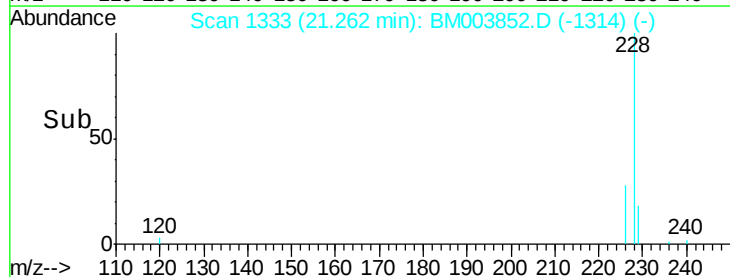
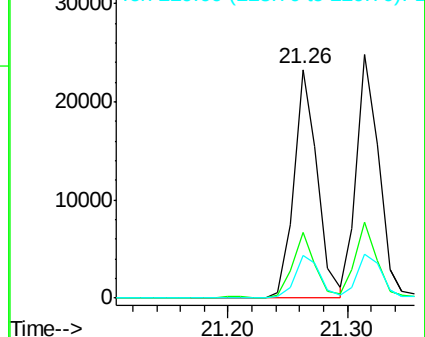
229 18.4 17.1 25.7

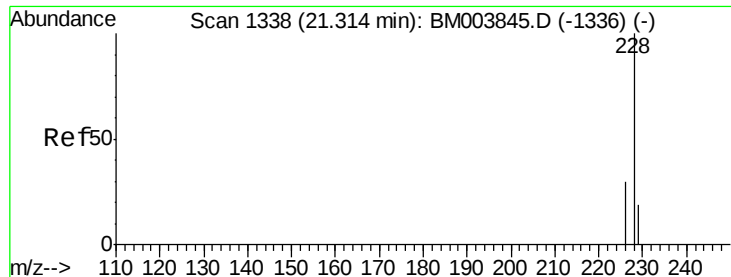


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.44 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

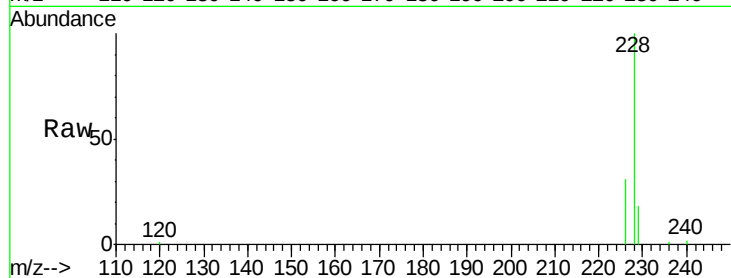
Tgt Ion:228 Resp: 32396

Ion Ratio Lower Upper

228 100

226 31.2 21.2 31.8

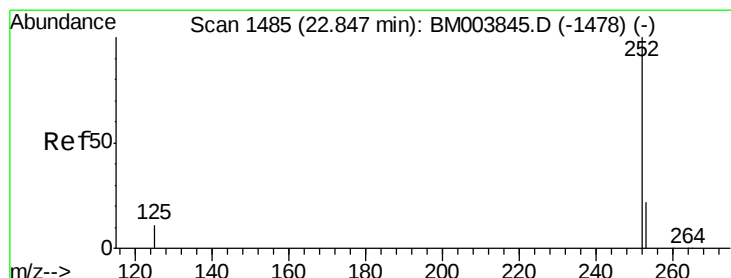
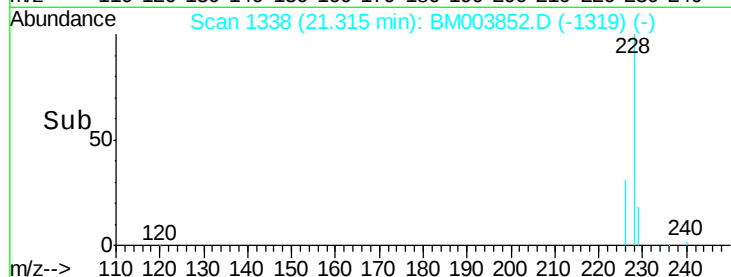
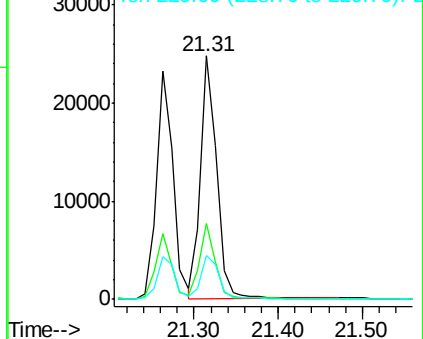
229 18.1 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 0.42 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

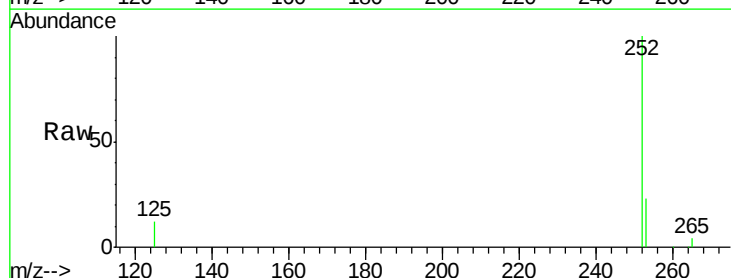
Tgt Ion:252 Resp: 28241

Ion Ratio Lower Upper

252 100

253 23.4 0.0 45.4

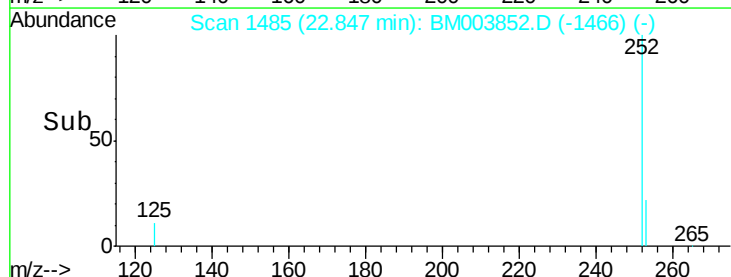
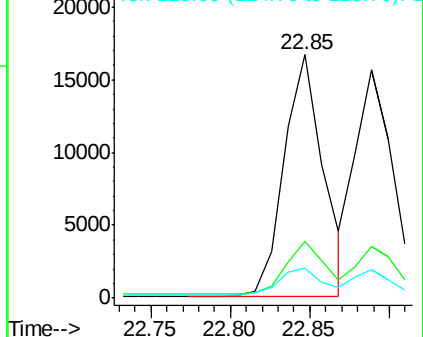
125 12.2 0.0 28.8

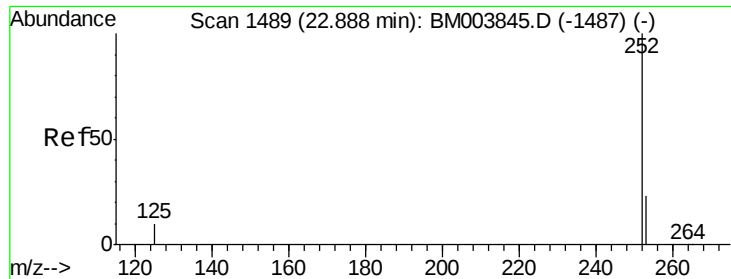


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.43 ng/ul

RT: 22.89 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

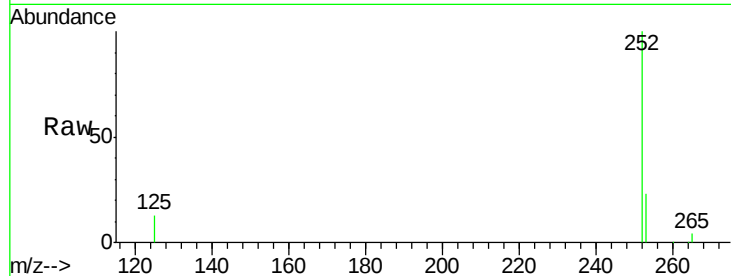
Tgt Ion:252 Resp: 26062

Ion Ratio Lower Upper

252 100

253 22.8 19.8 29.8

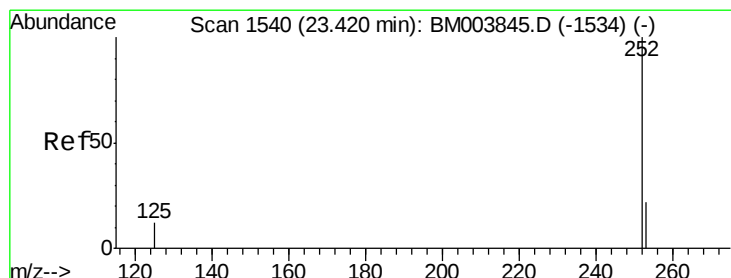
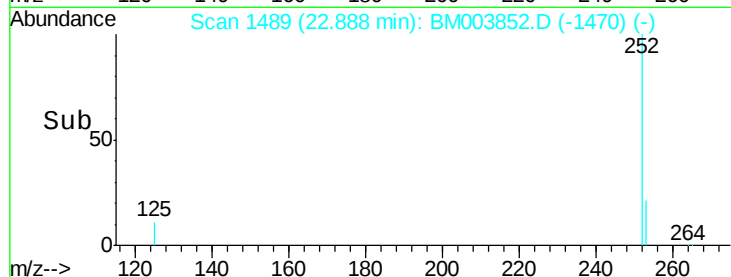
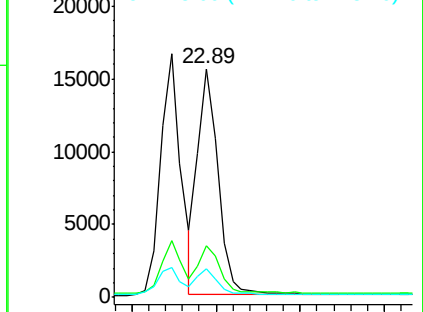
125 12.5 10.4 15.6



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: 0.44 ng/ul

RT: 23.42 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

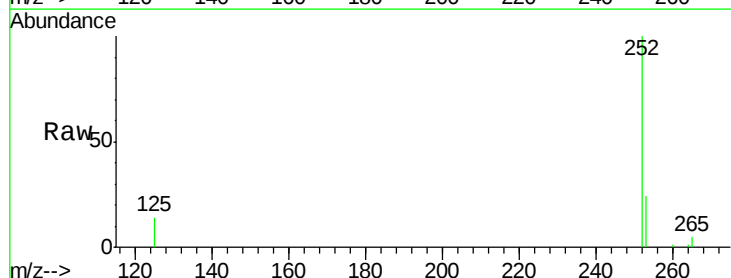
Tgt Ion:252 Resp: 25032

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

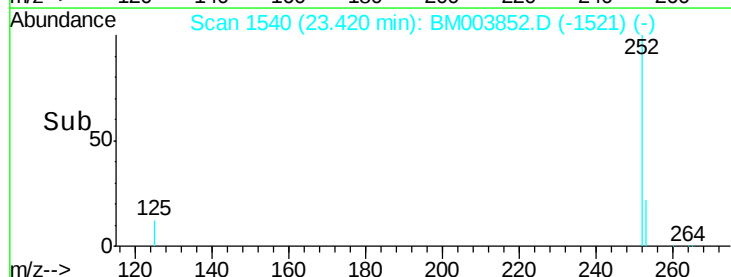
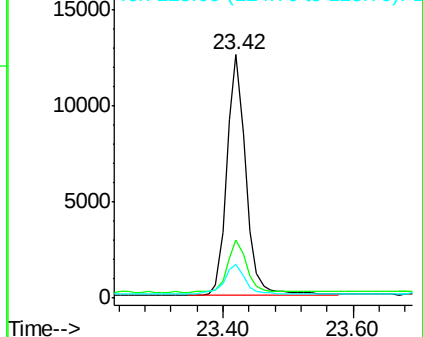
125 13.8 12.7 19.1

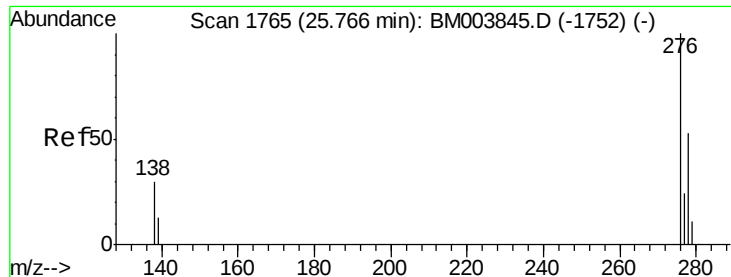


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.41 ng/ul

RT: 25.78 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466

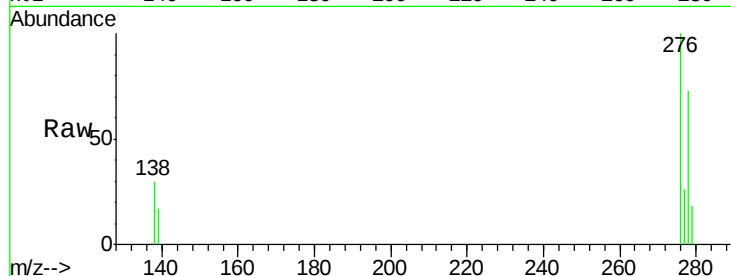
Tgt Ion:276 Resp: 27091

Ion Ratio Lower Upper

276 100

138 29.8 16.3 24.5#

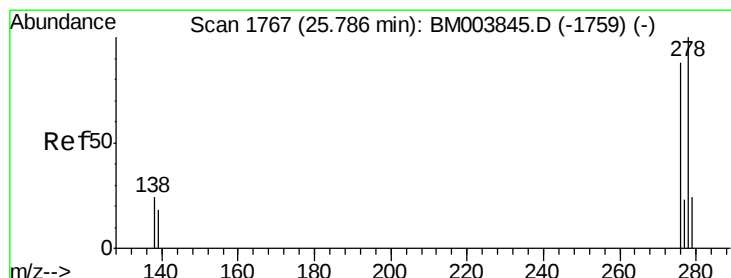
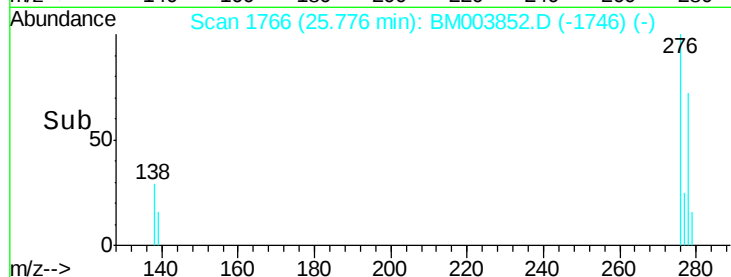
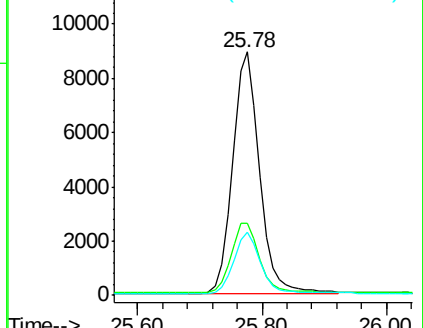
277 24.8 19.8 29.8



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: 0.41 ng/ul

RT: 25.79 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BM003852.D

Acq: 29 Dec 2015 05:54

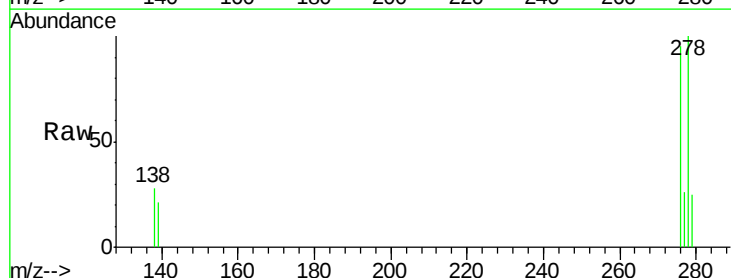
Tgt Ion:278 Resp: 21804

Ion Ratio Lower Upper

278 100

139 20.5 16.4 24.6

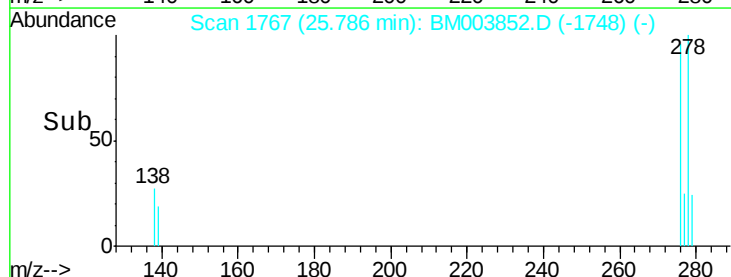
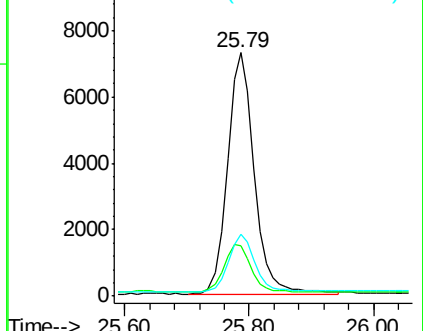
279 25.2 20.2 30.2

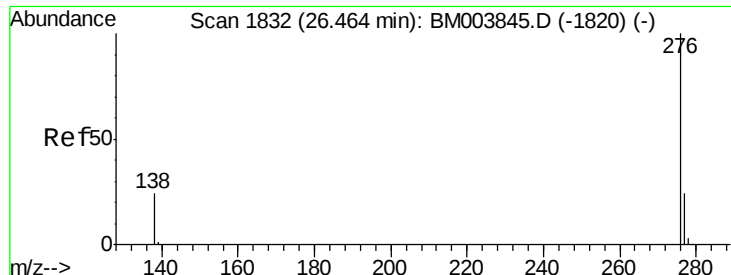


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.41 ng/ul

RT: 26.46 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM003852.D

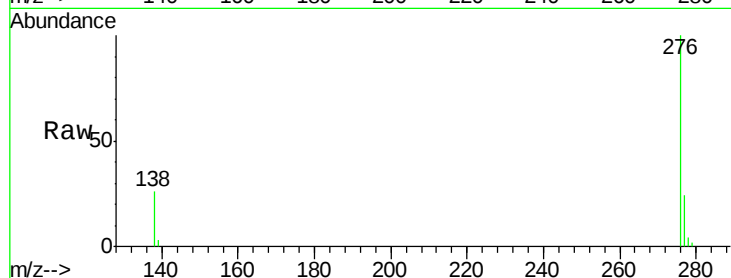
Acq: 29 Dec 2015 05:54

Instrument :

BNA_G

ClientSampleId :

SSTD0.466



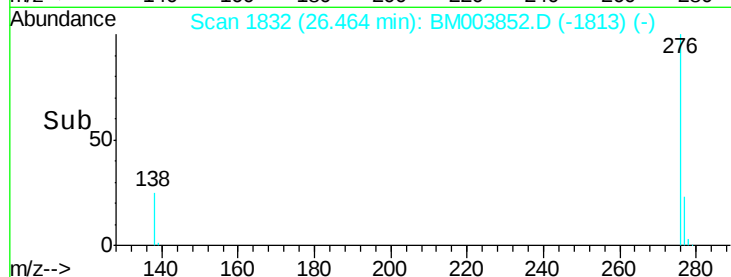
Tgt Ion: 276 Resp: 23420

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 26.2 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

