

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
 Data File : BM003590.D
 Acq On : 16 Dec 2015 22:43
 Operator : UM/IZ
 Sample : G4767-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N36

Quant Time: Dec 17 03:02:52 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 : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration

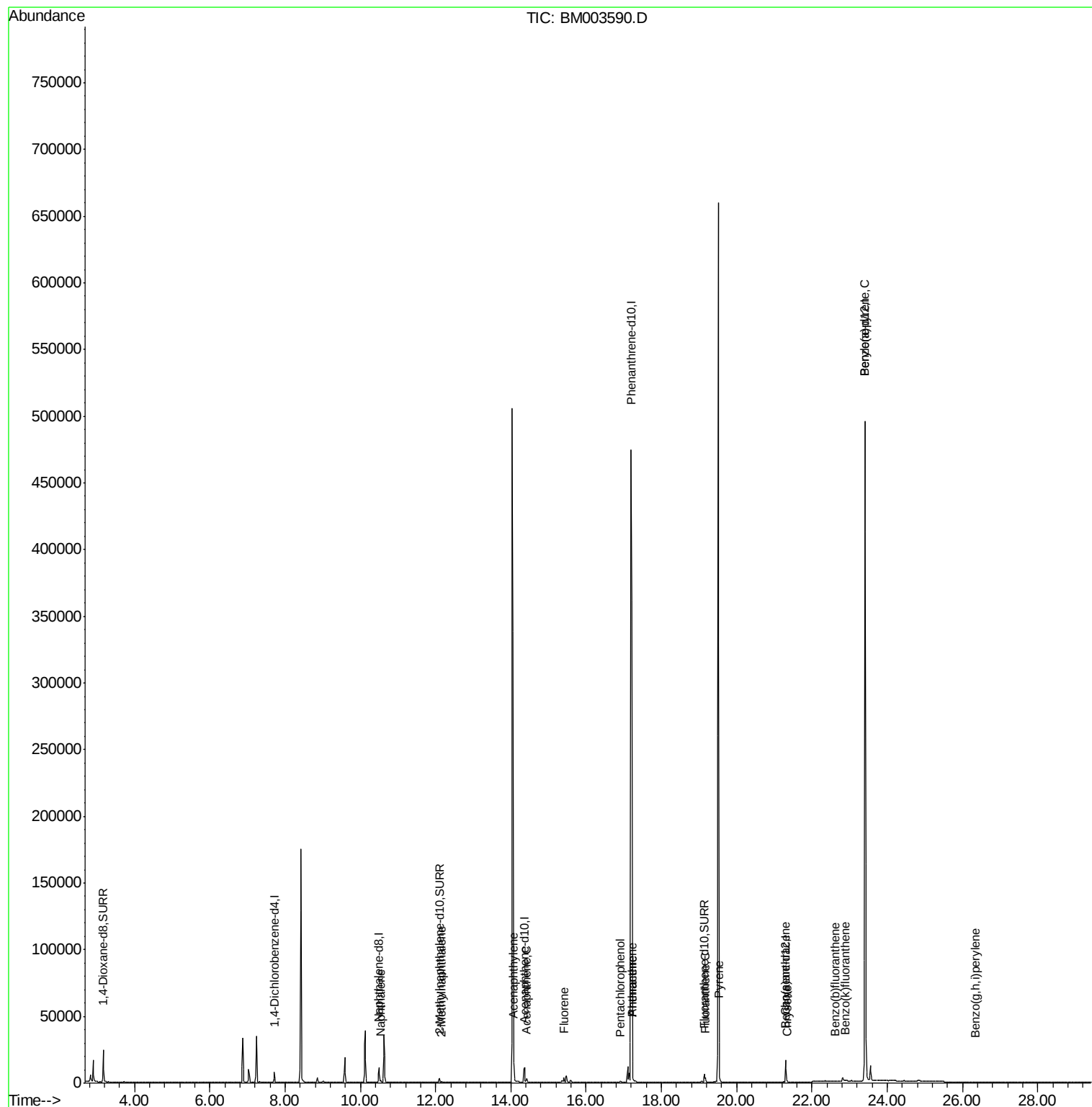
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4063	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	16202	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8452	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	735847	0.40	ng/ul	0.09
18) Chrysene-d12	21.30	240	15318	0.40	ng/ul	-0.01
22) Perylene-d12	23.41	264	655643	0.40	ng/ul	-0.16
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	17330	9.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	4723	0.24	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	7836	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	1857	0.05	ng/ul#	87
7) 2-Methylnaphthalene	12.16	142	669	0.03	ng/ul	99
9) Acenaphthylene	14.07	152	2402	0.07	ng/ul#	91
10) Acenaphthene	14.42	153	1487	0.06	ng/ul#	87
11) Fluorene	15.41	166	2254	0.08	ng/ul#	83
13) Pentachlorophenol	16.92	266	2	0.00	ng/ul#	1
14) Phenanthrene	17.23	178	543	0.00	ng/ul#	56
15) Anthracene	17.23	178	506	0.00	ng/ul#	56
17) Fluoranthene	19.17	202	3586	0.00	ng/ul	91
19) Pyrene	19.53	202	3877	0.09	ng/ul#	81
20) Benzo(a)anthracene	21.29	228	1303	0.03	ng/ul#	65
21) Chrysene	21.34	228	880	0.02	ng/ul#	75
23) Benzo(b)fluoranthene	22.63	252	59	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.88	252	1696	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.41	252	3281	0.00	ng/ul#	40
28) Benzo(g,h,i)perylene	26.35	276	29	0.00	ng/ul#	1

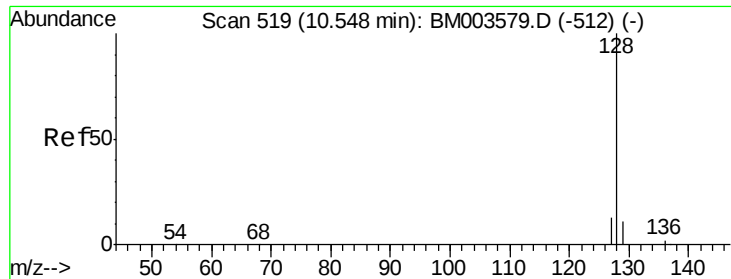
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 02:56:38 2015
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#5

Naphthalene

Concen: 0.05 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

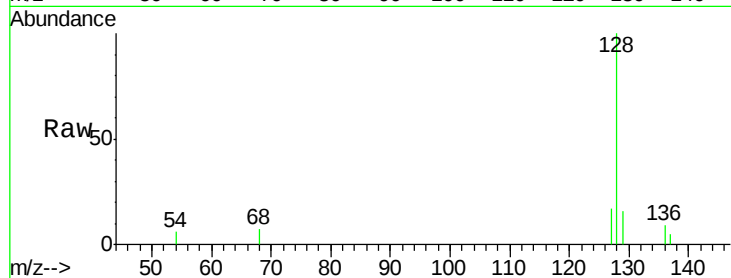
Tgt Ion:128 Resp: 1857

Ion Ratio Lower Upper

128 100

129 16.2 9.0 13.6#

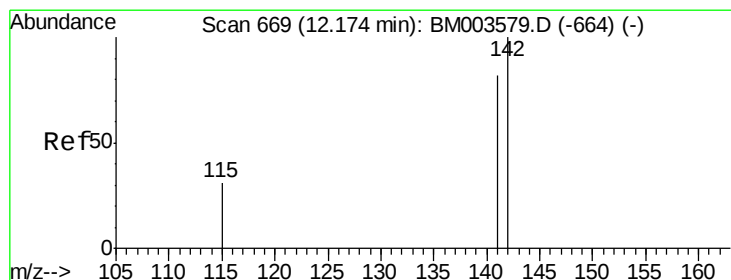
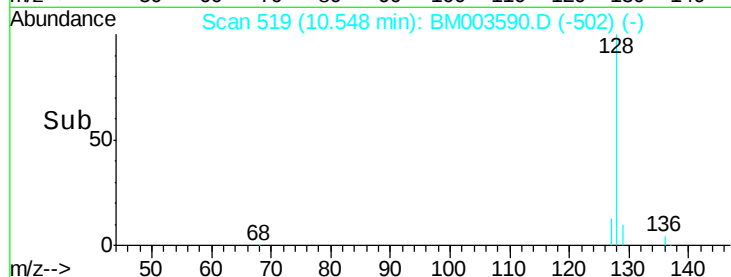
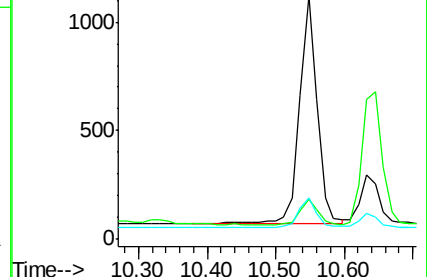
127 16.8 9.6 14.4#



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: 0.03 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM003590.D

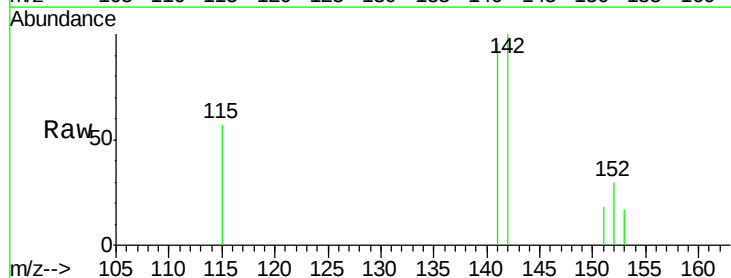
Acq: 16 Dec 2015 22:43

Tgt Ion:142 Resp: 669

Ion Ratio Lower Upper

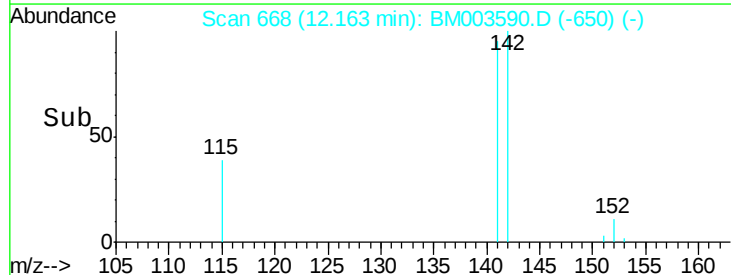
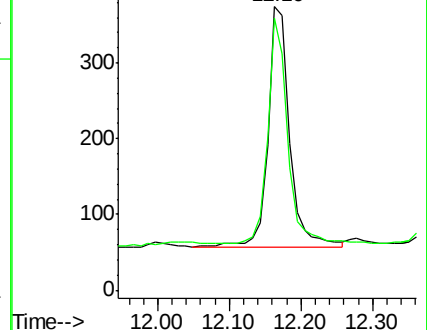
142 100

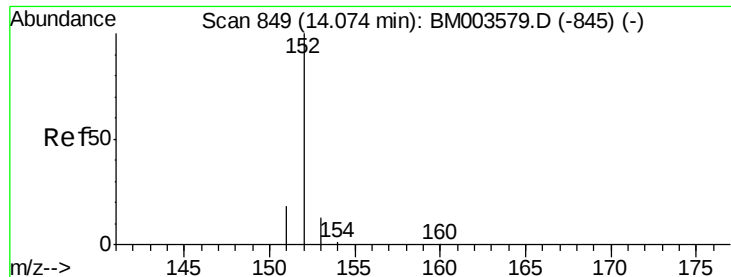
141 88.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

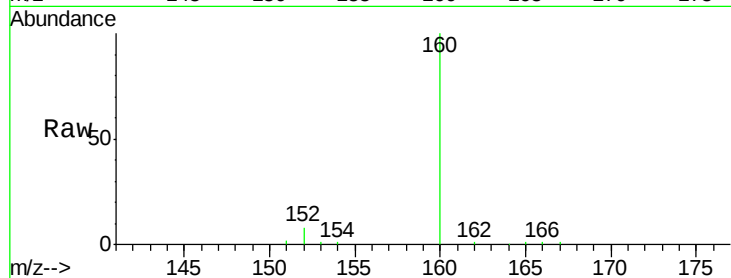
Tgt Ion:152 Resp: 2402

Ion Ratio Lower Upper

152 100

151 23.7 17.6 26.4

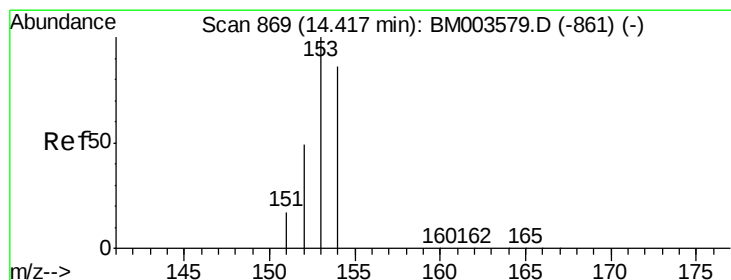
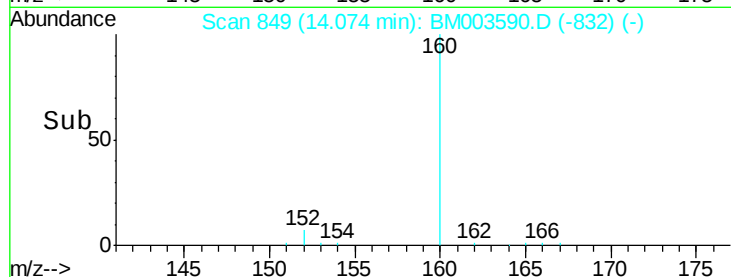
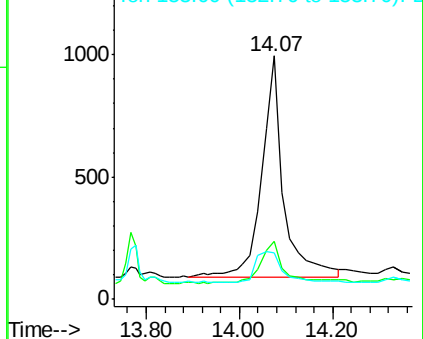
153 19.3 9.7 14.5#



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: 0.06 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

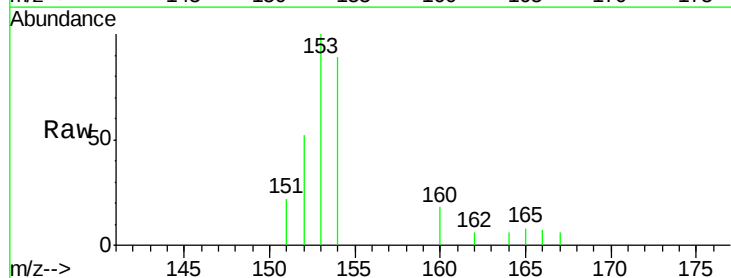
Tgt Ion:153 Resp: 1487

Ion Ratio Lower Upper

153 100

152 52.1 33.9 50.9#

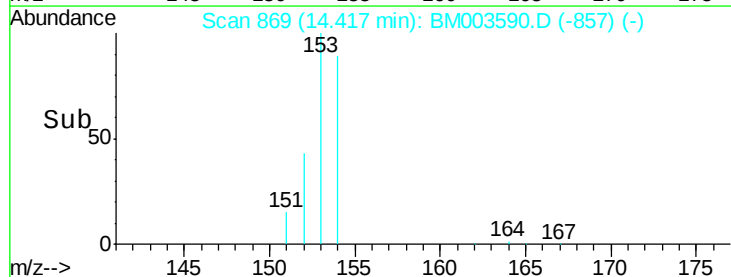
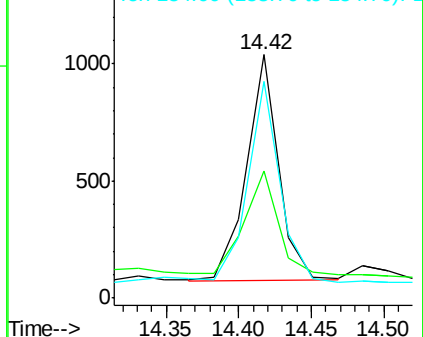
154 89.2 80.6 121.0

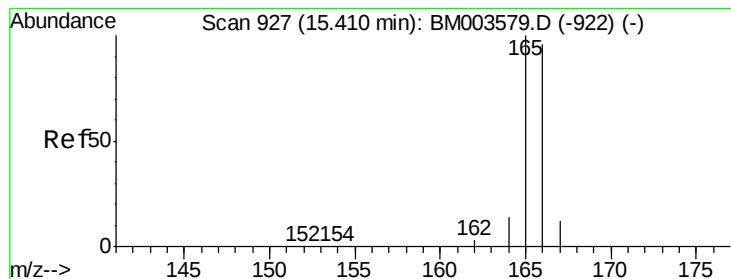


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

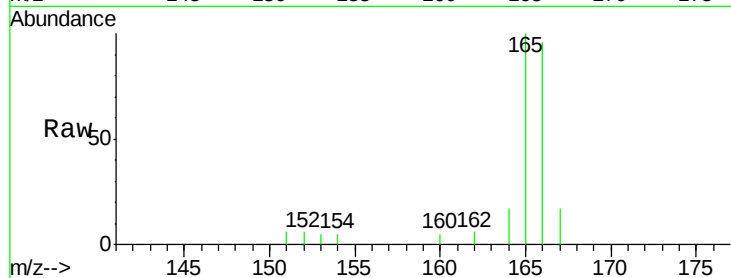
Tgt Ion:166 Resp: 2254

Ion Ratio Lower Upper

166 100

165 103.7 69.6 104.4

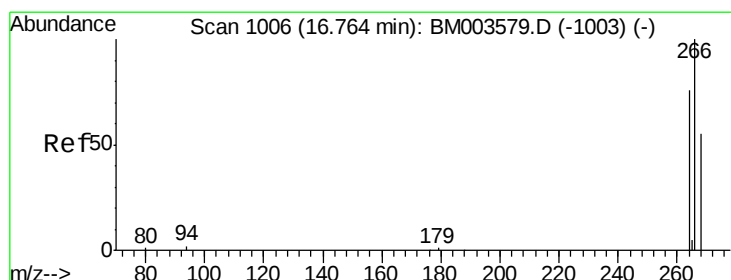
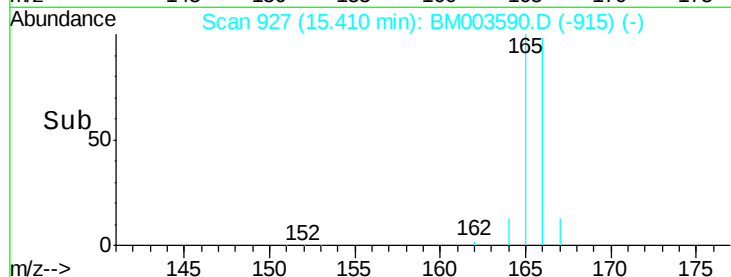
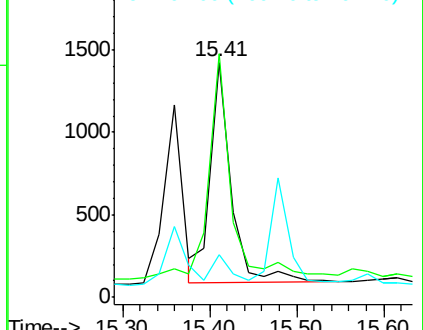
167 18.1 11.9 17.9#



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: 16.92 min Scan# 1015

Delta R.T. 0.15 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

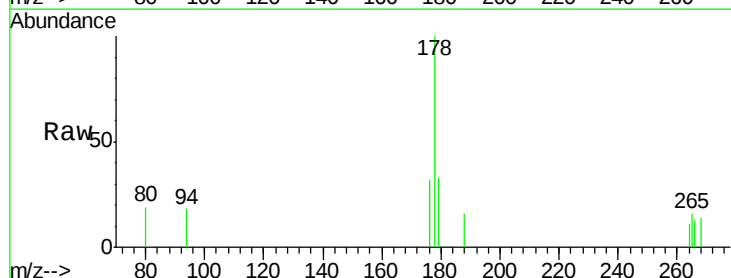
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

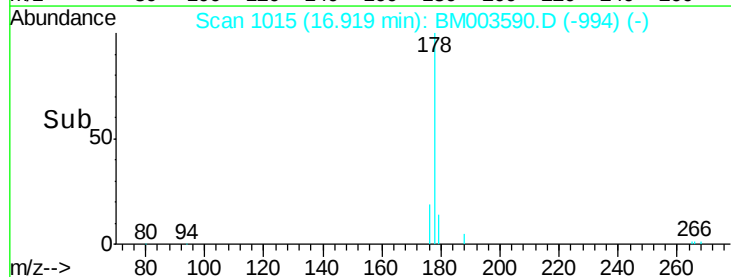
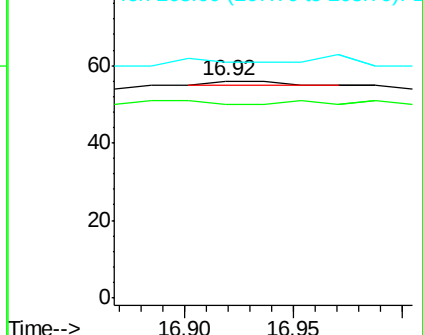
268 200.0 46.8 70.2#

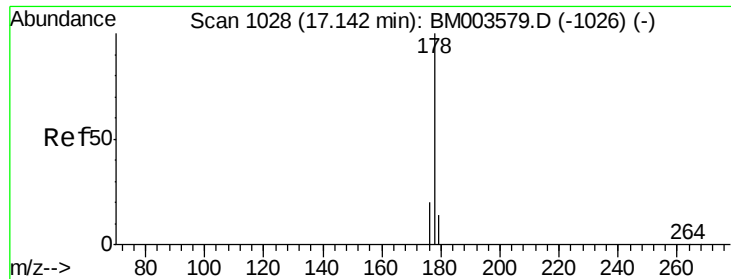


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.23 min Scan# 1033

Delta R.T. 0.09 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

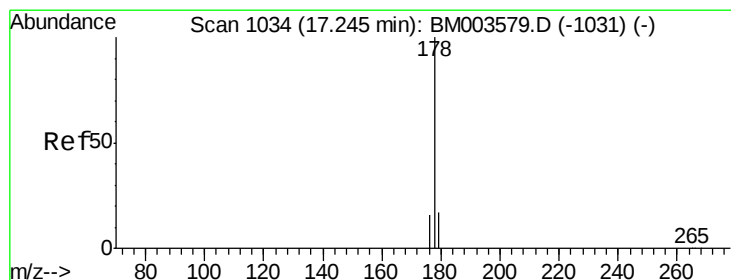
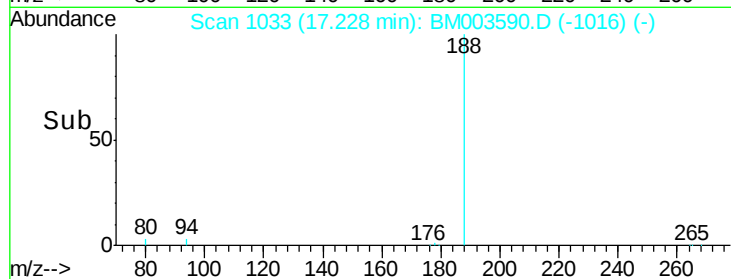
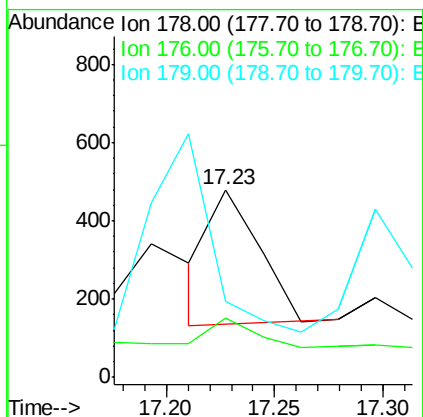
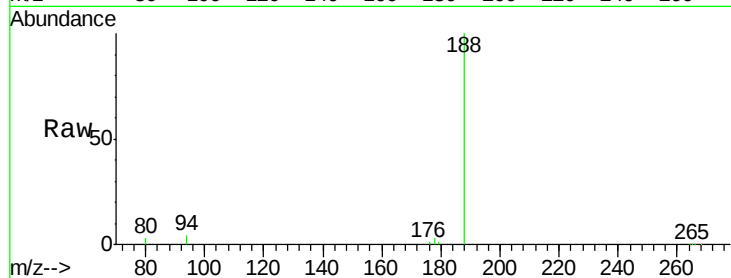
Tgt Ion:178 Resp: 543

Ion Ratio Lower Upper

178 100

176 31.5 13.0 19.4#

179 40.6 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

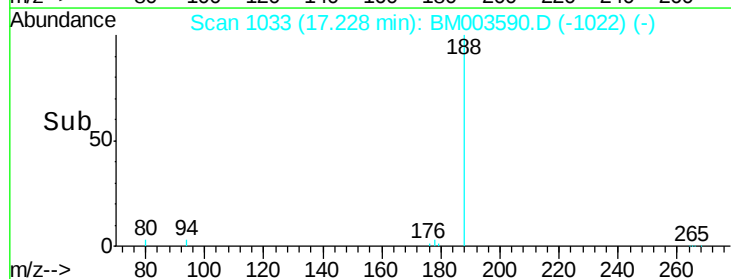
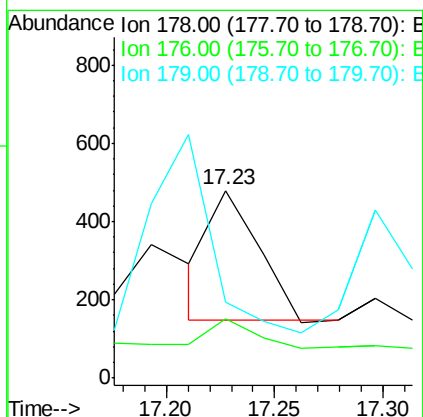
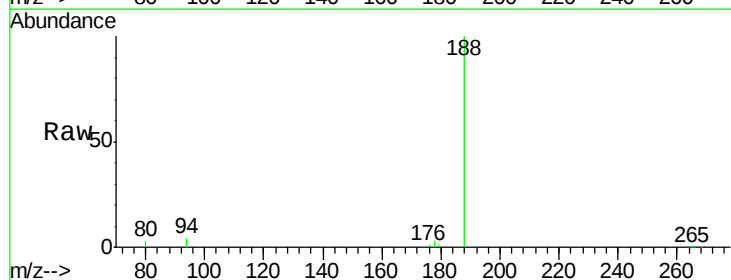
Tgt Ion:178 Resp: 506

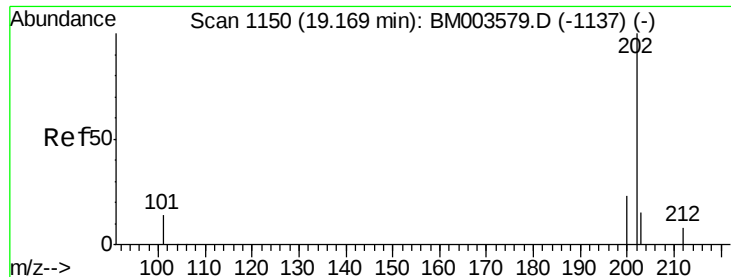
Ion Ratio Lower Upper

178 100

176 31.5 14.0 21.0#

179 40.6 12.9 19.3#

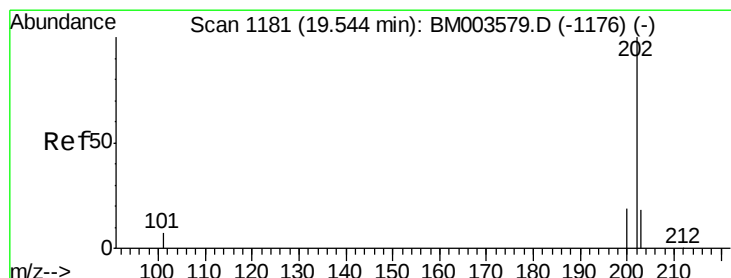
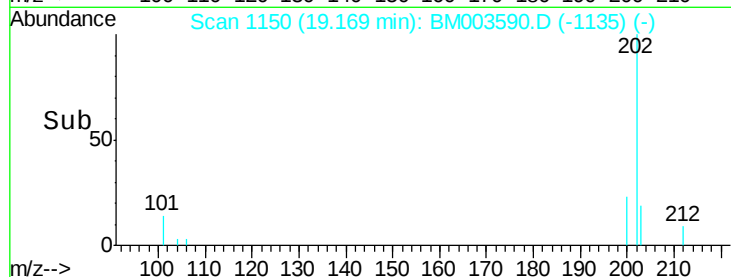
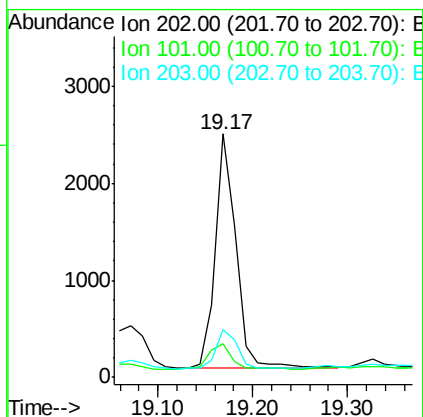
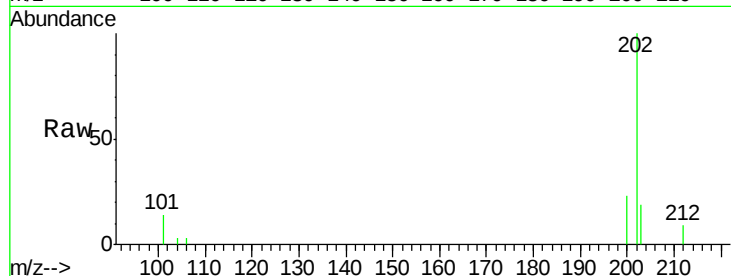




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM003590.D
 Acq: 16 Dec 2015 22:43

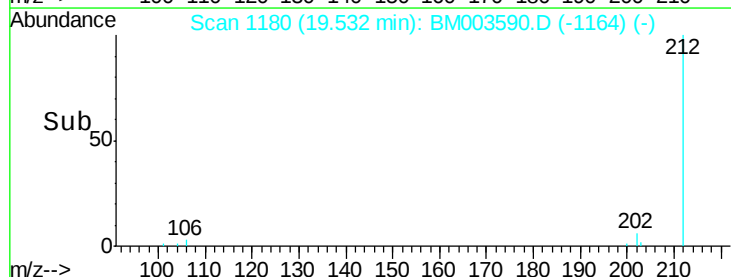
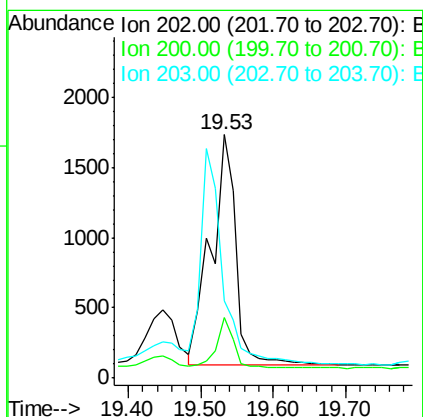
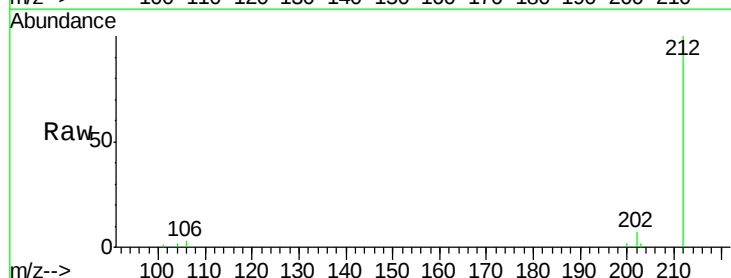
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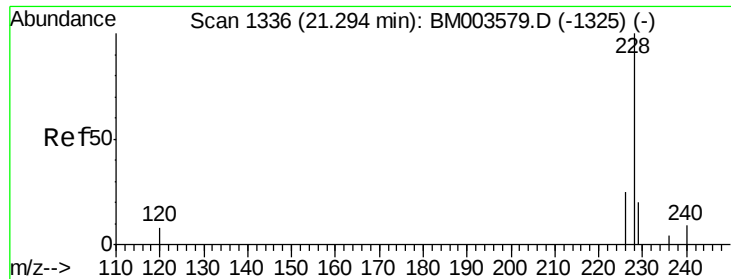
Tgt Ion:202 Resp: 3586
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 29.6
 203 19.5 0.0 36.3



#19
Pyrene
 Concen: 0.09 ng/ul
 RT: 19.53 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BM003590.D
 Acq: 16 Dec 2015 22:43

Tgt Ion:202 Resp: 3877
 Ion Ratio Lower Upper
 202 100
 200 25.0 17.8 26.8
 203 31.5 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

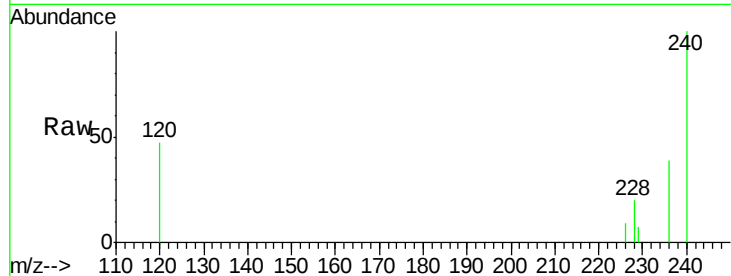
Tgt Ion:228 Resp: 1303

Ion Ratio Lower Upper

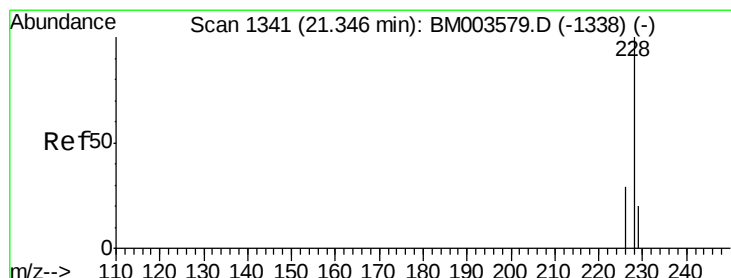
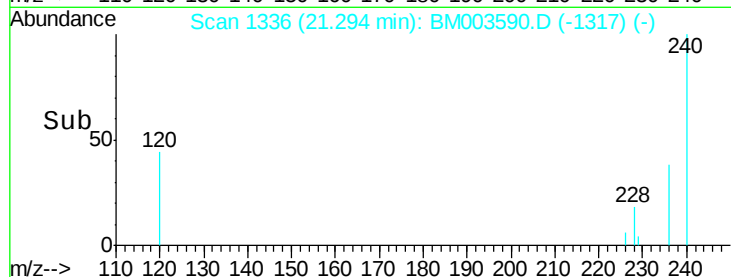
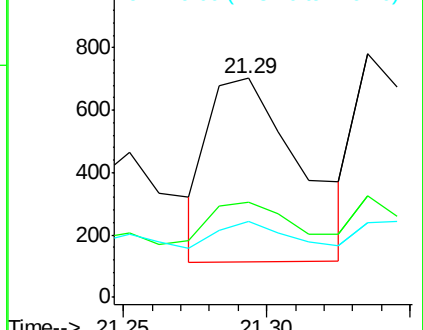
228 100

226 43.4 18.8 28.2#

229 34.8 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: 0.02 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

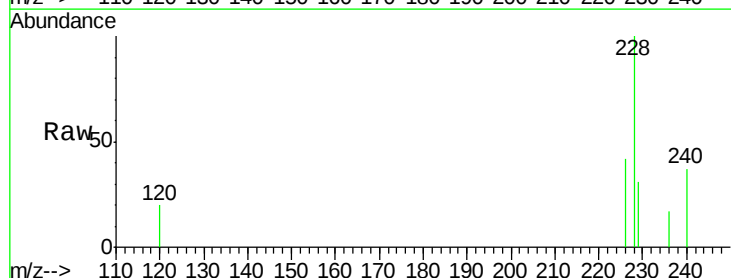
Tgt Ion:228 Resp: 880

Ion Ratio Lower Upper

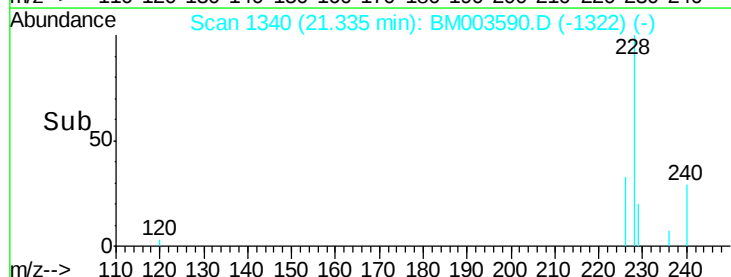
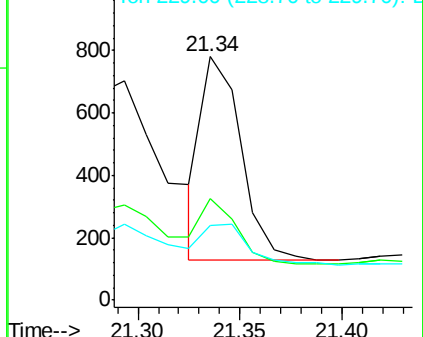
228 100

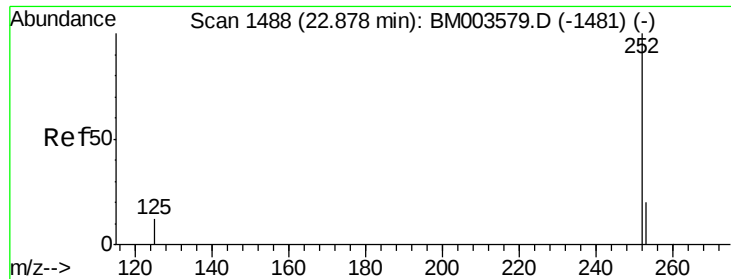
226 41.9 21.2 31.8#

229 30.6 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: 0.00 ng/ul

RT: 22.63 min Scan# 1464

Delta R.T. -0.25 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

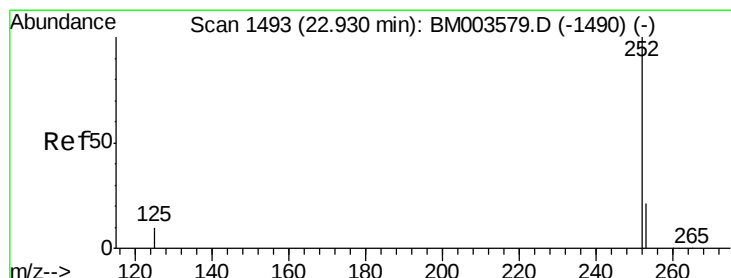
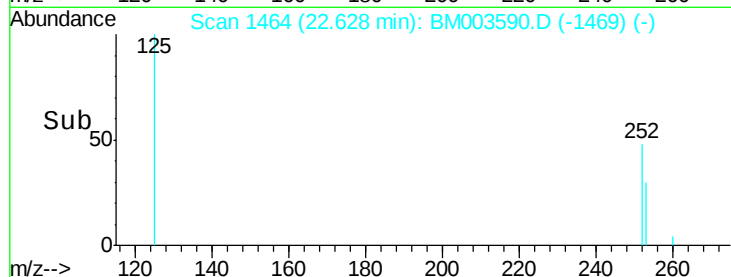
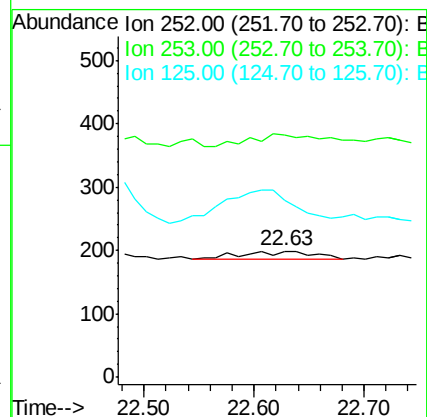
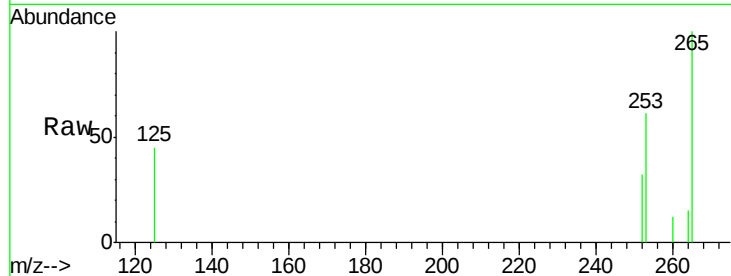
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 192.0 0.0 45.4#

125 140.7 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. -0.05 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

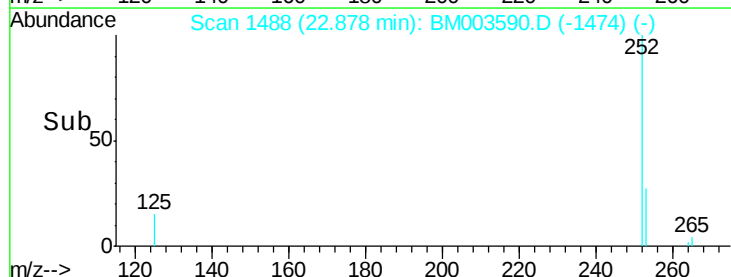
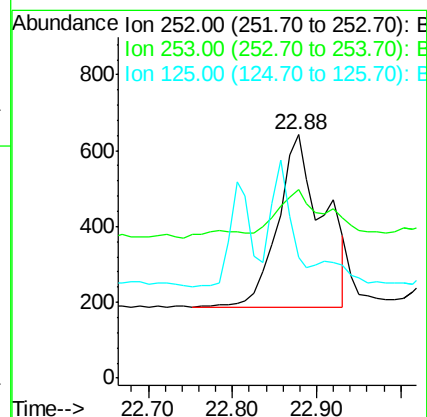
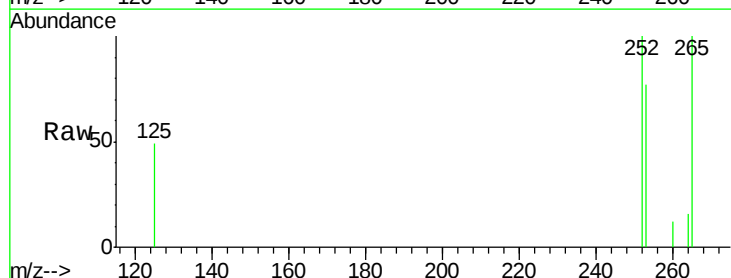
Tgt Ion:252 Resp: 1696

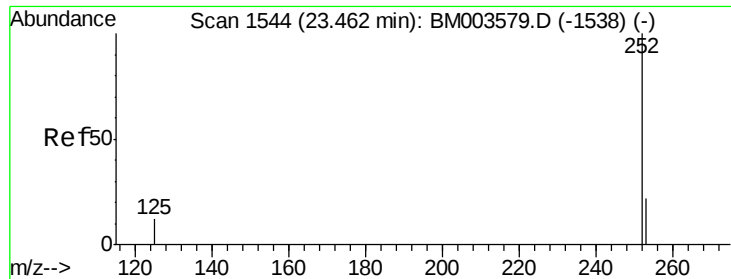
Ion Ratio Lower Upper

252 100

253 77.4 19.8 29.8#

125 49.5 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.05 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9N36

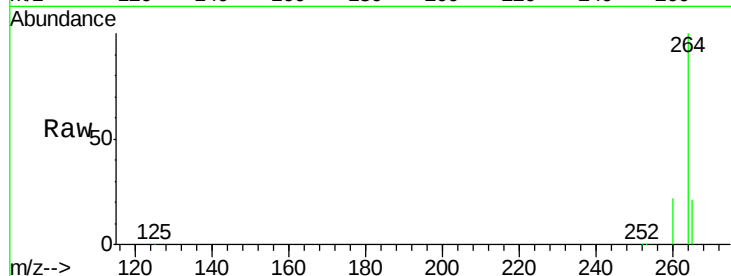
Tgt Ion: 252 Resp: 3281

Ion Ratio Lower Upper

252 100

253 49.4 19.4 29.2#

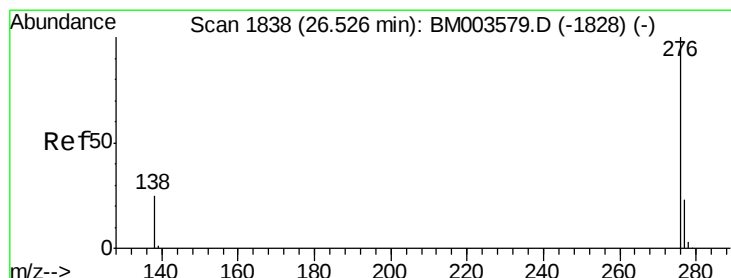
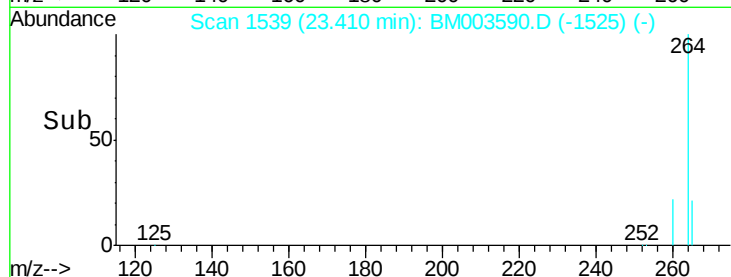
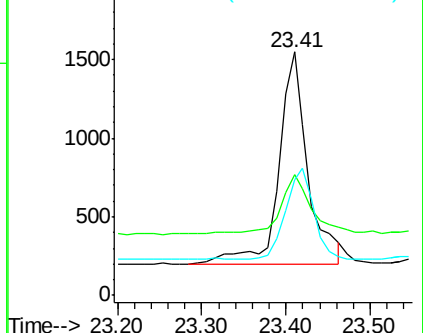
125 47.8 12.7 19.1#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.35 min Scan# 1821

Delta R.T. -0.18 min

Lab File: BM003590.D

Acq: 16 Dec 2015 22:43

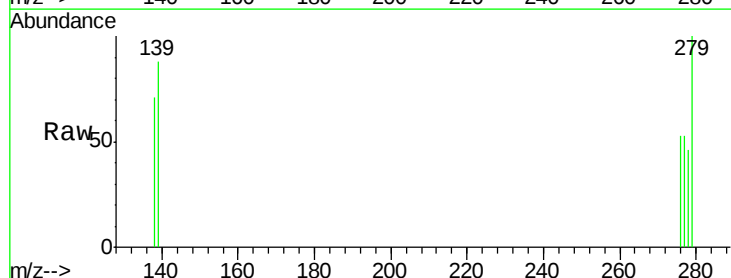
Tgt Ion: 276 Resp: 29

Ion Ratio Lower Upper

276 100

277 100.0 18.9 28.3#

138 133.0 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

