

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
 Data File : BM003577.D
 Acq On : 16 Dec 2015 14:38
 Operator : UM/IZ
 Sample : G4767-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N27

Quant Time: Dec 17 01:13:17 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 01:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4274	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	17953	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	10556	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1328964	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	26023	0.40	ng/ul	0.00
22) Perylene-d12	23.42	264	1547439	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	20138	11.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	6148	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	15182	0.01	ng/ul	0.00

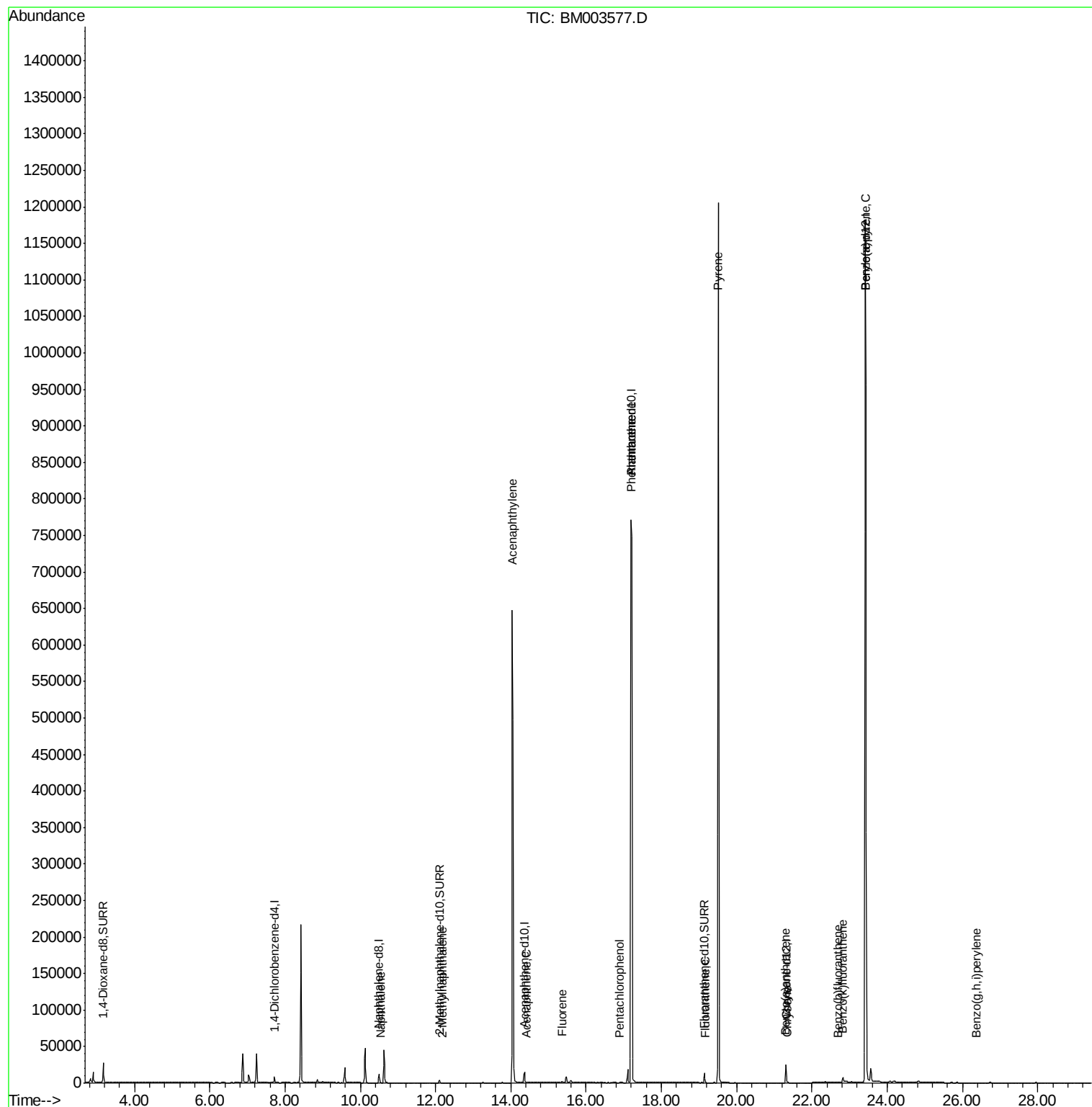
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.55	128	330	0.01	ng/ul#	43
7) 2-Methylnaphthalene	12.17	142	91	0.00	ng/ul	88
9) Acenaphthylene	14.04	152	99	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	78	0.00	ng/ul#	78
11) Fluorene	15.36	166	2475	0.07	ng/ul#	20
13) Pentachlorophenol	16.88	266	10	0.00	ng/ul#	33
14) Phenanthrene	17.19	178	701	0.00	ng/ul#	1
15) Anthracene	17.19	178	696	0.00	ng/ul#	1
17) Fluoranthene	19.17	202	351	0.00	ng/ul#	36
19) Pyrene	19.51	202	2667	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.29	228	395	0.01	ng/ul#	54
21) Chrysene	21.35	228	968	0.01	ng/ul#	80
23) Benzo(b)fluoranthene	22.70	252	11	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.82	252	41	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.42	252	6207	0.00	ng/ul#	58
28) Benzo(g,h,i)perylene	26.36	276	11	0.00	ng/ul#	1

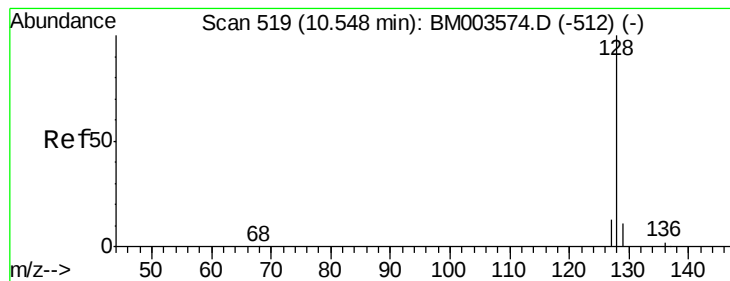
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

BNA_M

ClientSampleId :

D9N27

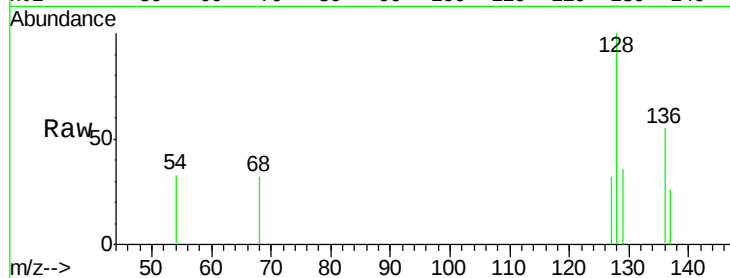
Tgt Ion:128 Resp: 330

Ion Ratio Lower Upper

128 100

129 35.7 9.0 13.6#

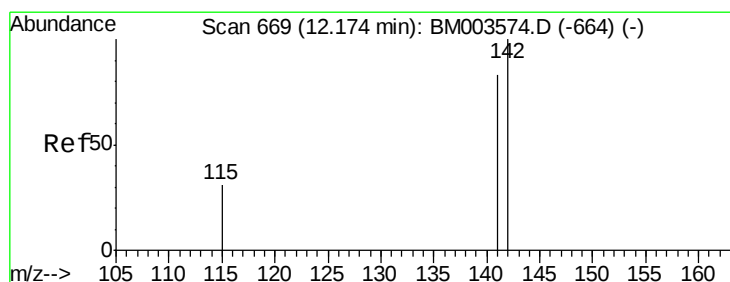
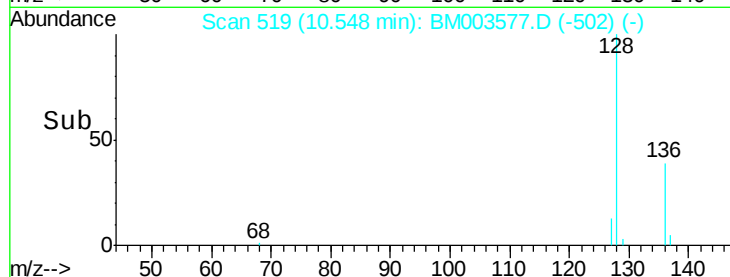
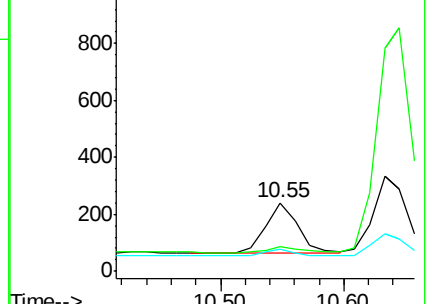
127 32.0 9.6 14.4#



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: 12.17 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM003577.D

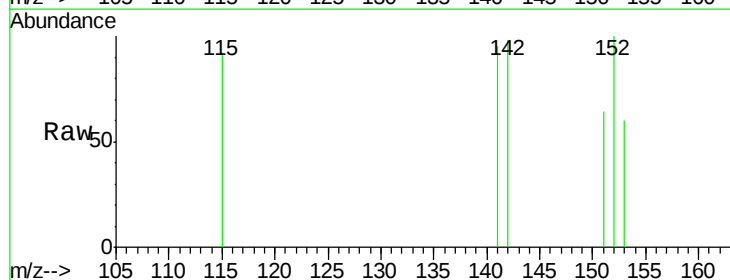
Acq: 16 Dec 2015 14:38

Tgt Ion:142 Resp: 91

Ion Ratio Lower Upper

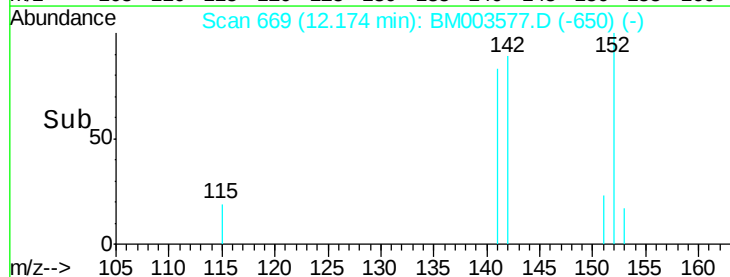
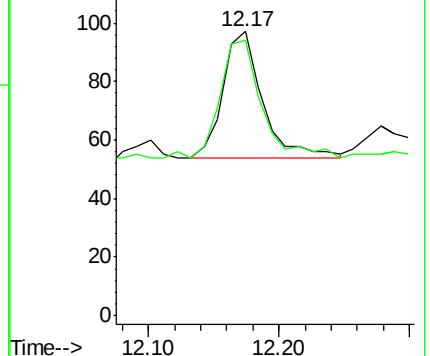
142 100

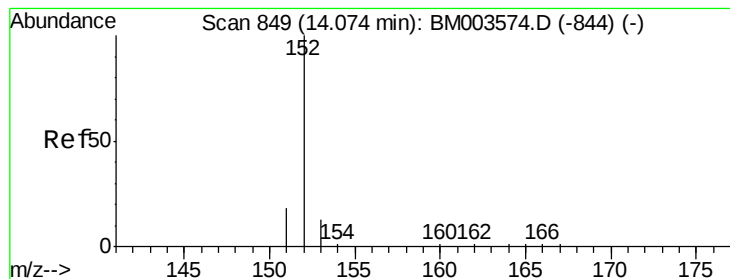
141 98.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

BNA_M

ClientSampleId :

D9N27

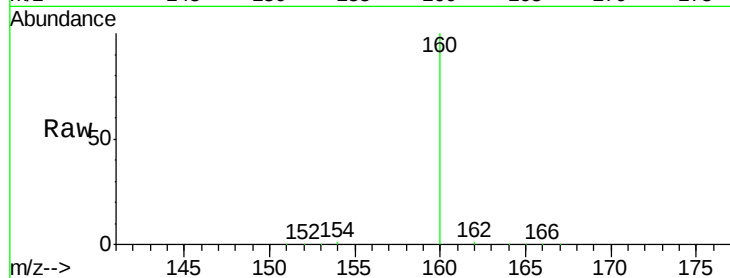
Tgt Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

151 65.0 17.6 26.4#

153 157.3 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

14.04

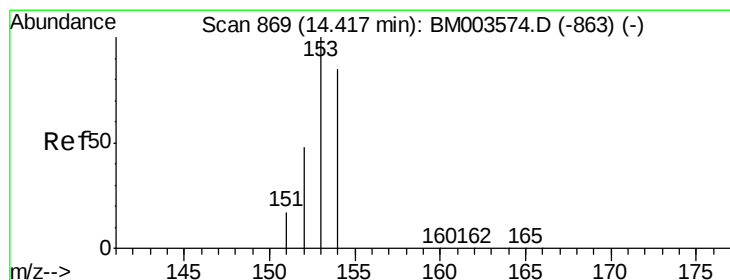
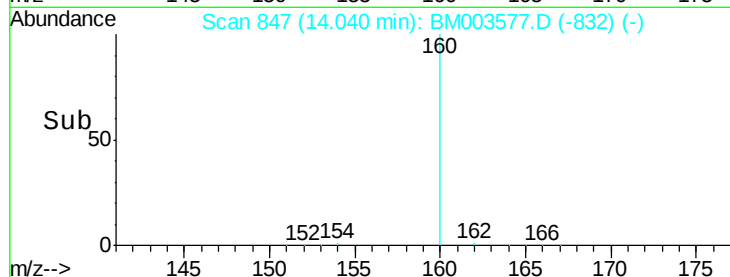
100

50

0

14.00 14.10 14.20

Time-->



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

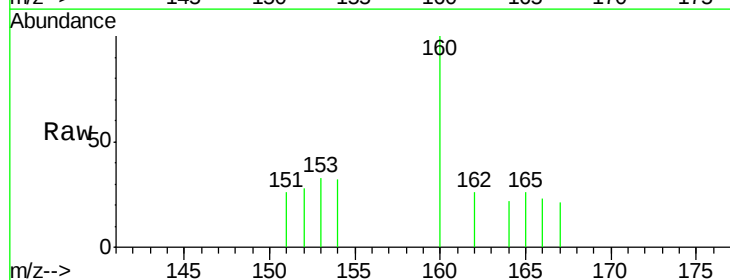
Tgt Ion:153 Resp: 78

Ion Ratio Lower Upper

153 100

152 84.5 33.9 50.9#

154 96.9 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

14.42

100

80

60

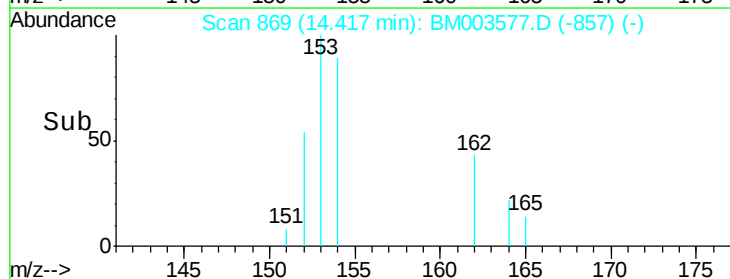
40

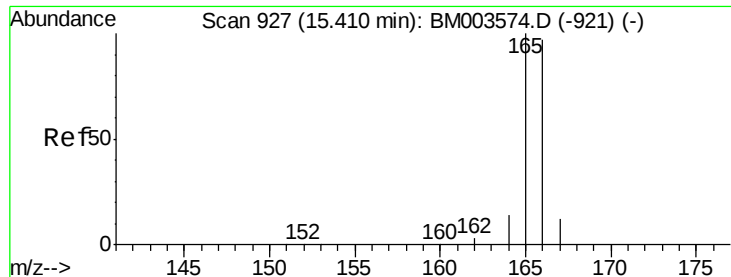
20

0

14.35 14.40 14.45

Time-->

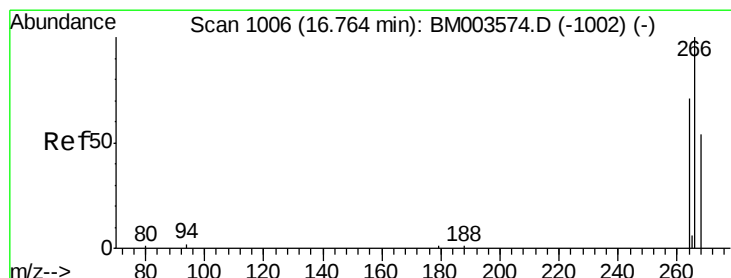
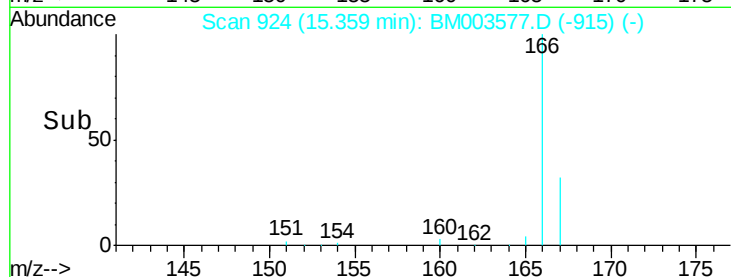
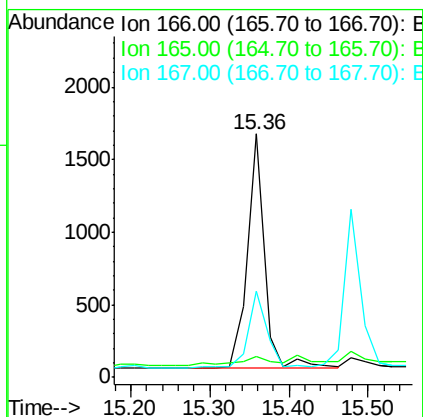
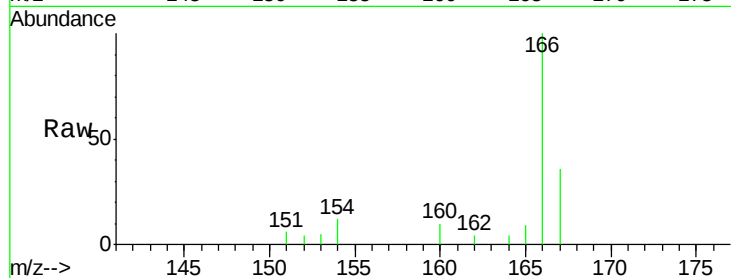




#11
 Fluorene
 Concen: 0.07 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.05 min
 Lab File: BM003577.D
 Acq: 16 Dec 2015 14:38

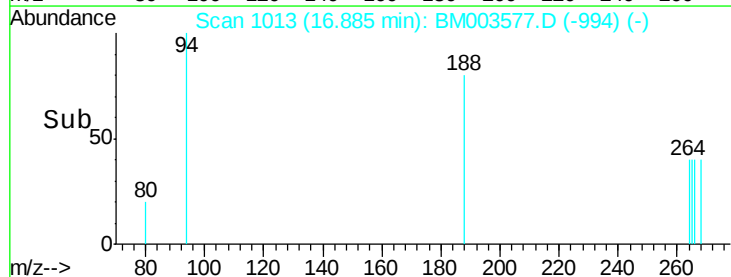
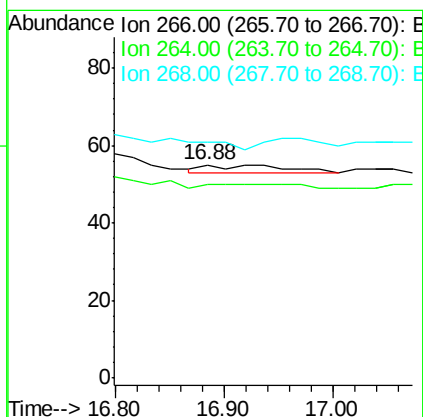
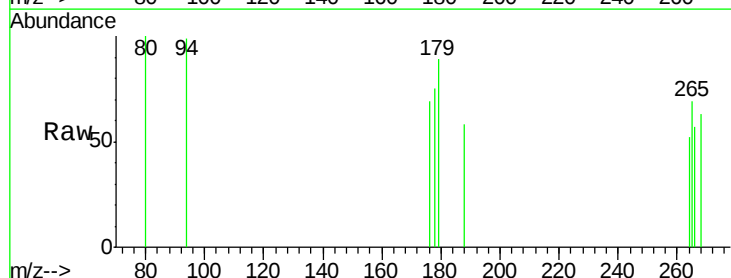
Instrument :
 BNA_M
 ClientSampleId :
 D9N27

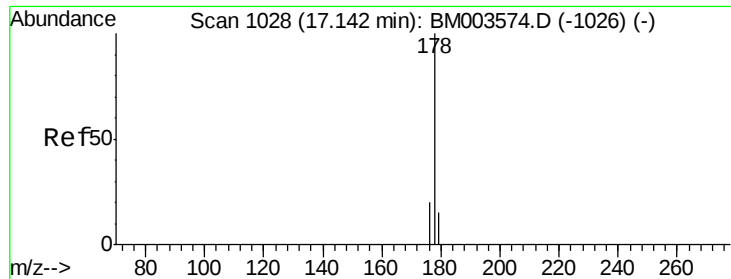
Tgt Ion:166 Resp: 2475
 Ion Ratio Lower Upper
 166 100
 165 8.6 69.6 104.4#
 167 35.6 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.88 min Scan# 1013
 Delta R.T. 0.12 min
 Lab File: BM003577.D
 Acq: 16 Dec 2015 14:38

Tgt Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 20.0 51.8 77.8#
 268 0.0 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. 0.05 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

BNA_M

ClientSampleId :

D9N27

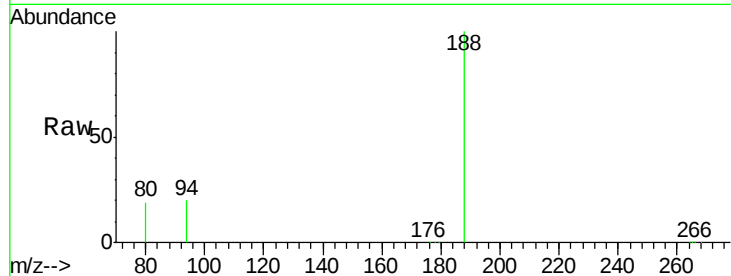
Tgt Ion:178 Resp: 701

Ion Ratio Lower Upper

178 100

176 20.3 13.0 19.4#

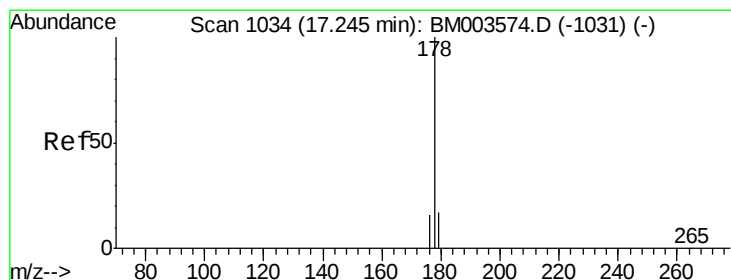
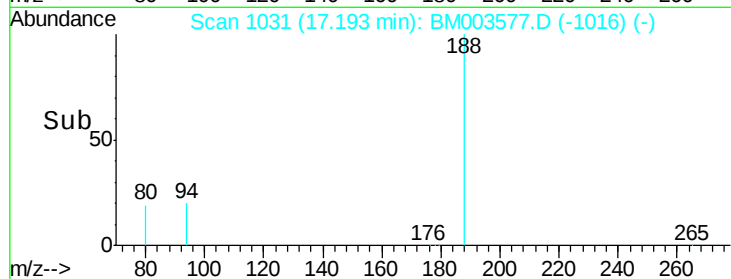
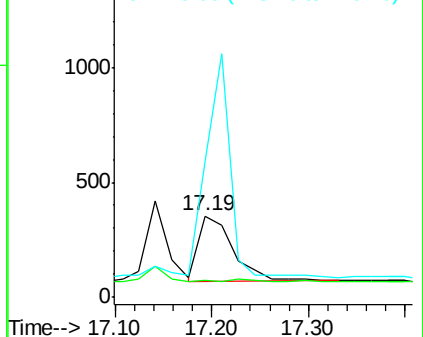
179 166.7 14.2 21.2#



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: 17.19 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

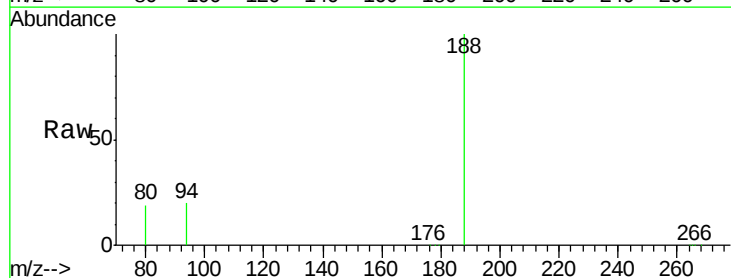
Tgt Ion:178 Resp: 696

Ion Ratio Lower Upper

178 100

176 20.3 14.0 21.0

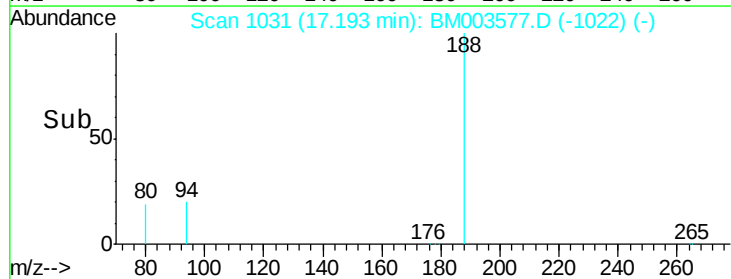
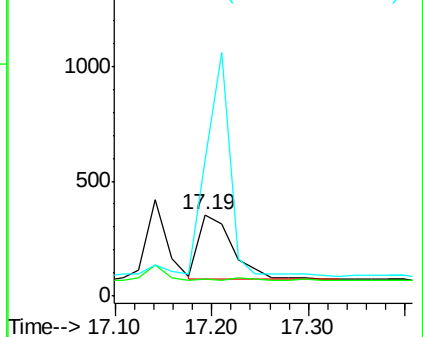
179 166.7 12.9 19.3#

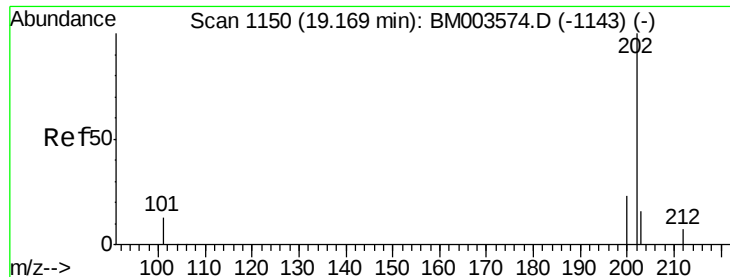


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.17 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

BNA_M

ClientSampleId :

D9N27

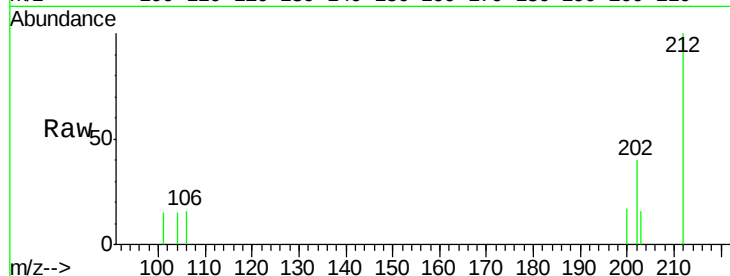
Tgt Ion:202 Resp: 351

Ion Ratio Lower Upper

202 100

101 38.2 0.0 29.6#

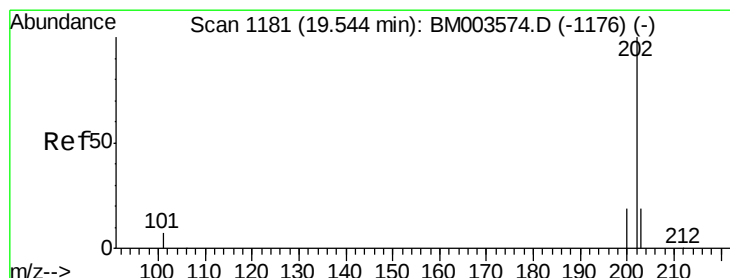
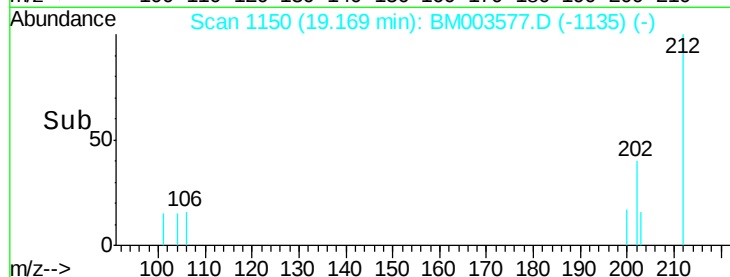
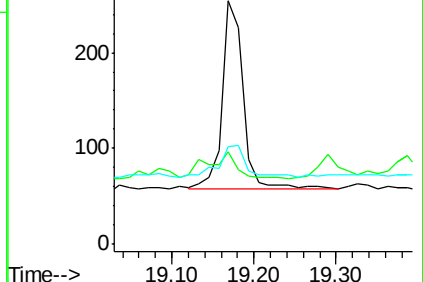
203 40.2 0.0 36.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.04 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.04 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

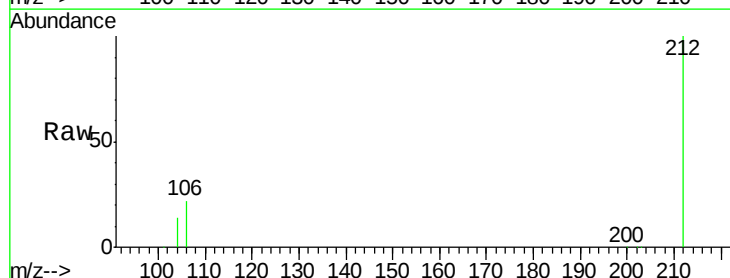
Tgt Ion:202 Resp: 2667

Ion Ratio Lower Upper

202 100

200 6.2 17.8 26.8#

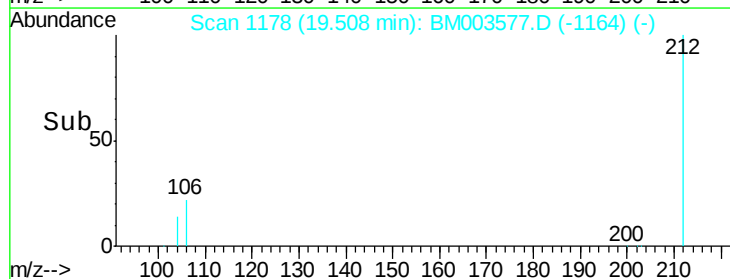
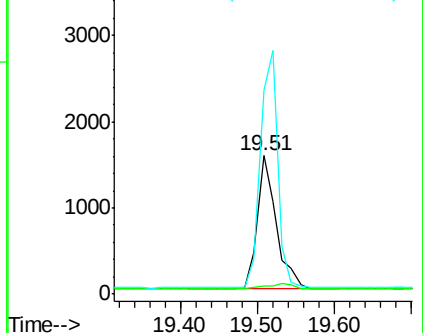
203 148.1 12.8 19.2#

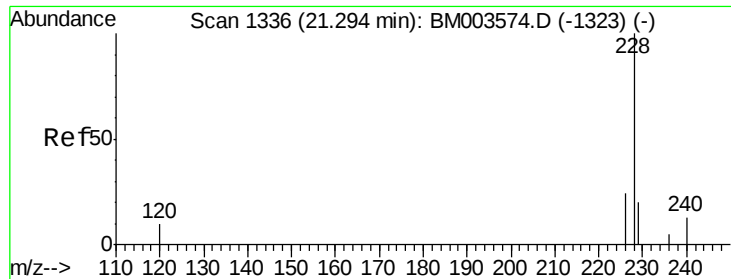


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

BNA_M

ClientSampleId :

D9N27

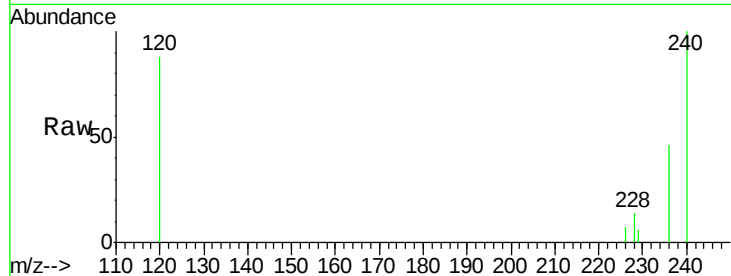
Tgt Ion:228 Resp: 395

Ion Ratio Lower Upper

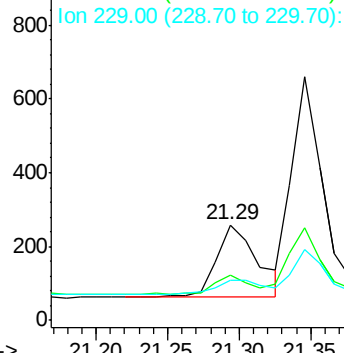
228 100

226 46.7 18.8 28.2#

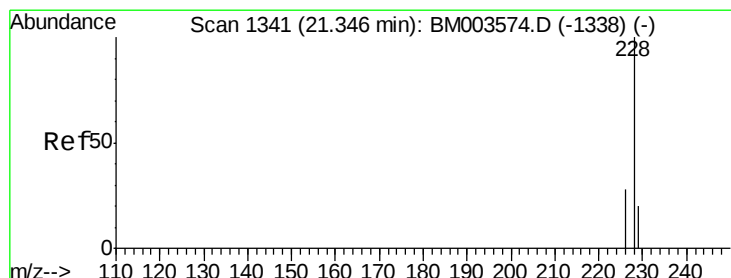
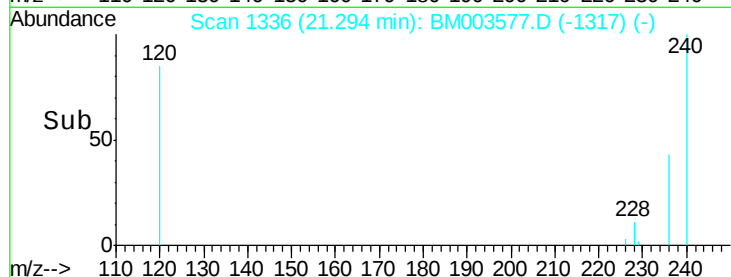
229 42.1 17.1 25.7#



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



Time-->



#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

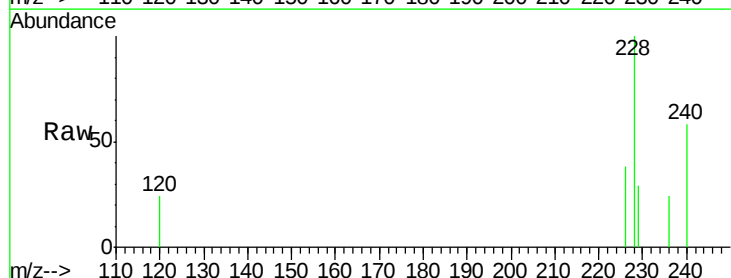
Tgt Ion:228 Resp: 968

Ion Ratio Lower Upper

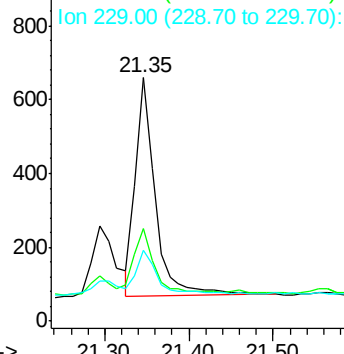
228 100

226 37.9 21.2 31.8#

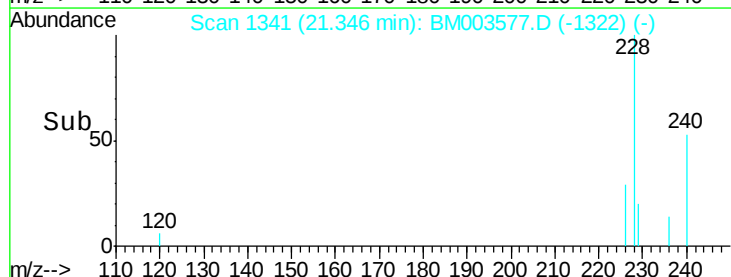
229 28.9 17.0 25.6#

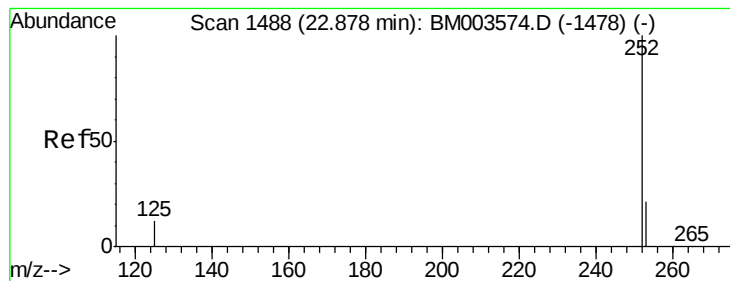


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.70 min Scan# 1471

Delta R.T. -0.18 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

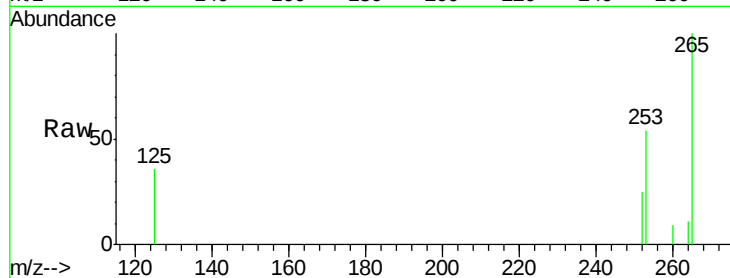
BNA_M

ClientSampleId :

D9N27

Tgt Ion:252 Resp: 11

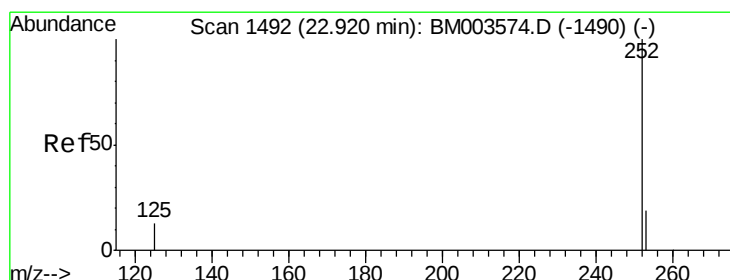
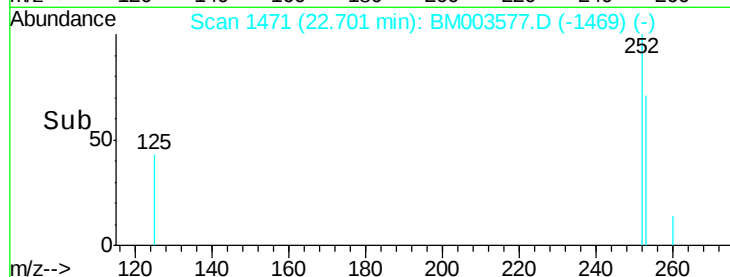
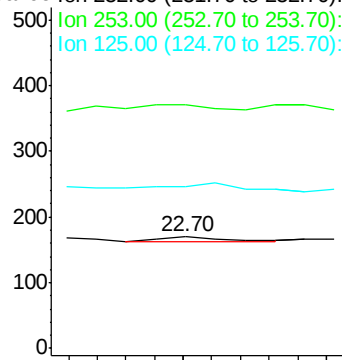
Ion	Ratio	Lower	Upper
252	100		
253	217.6	0.0	45.4#
125	145.3	0.0	28.8#



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: 22.82 min Scan# 1482

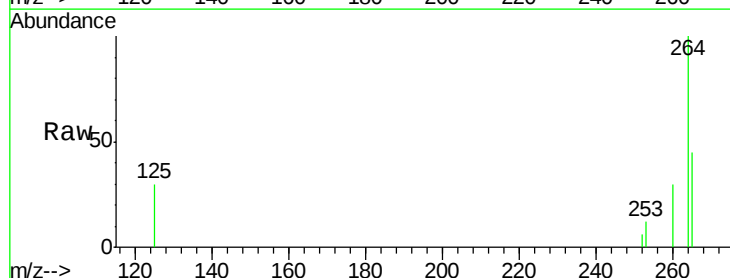
Delta R.T. -0.10 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Tgt Ion:252 Resp: 41

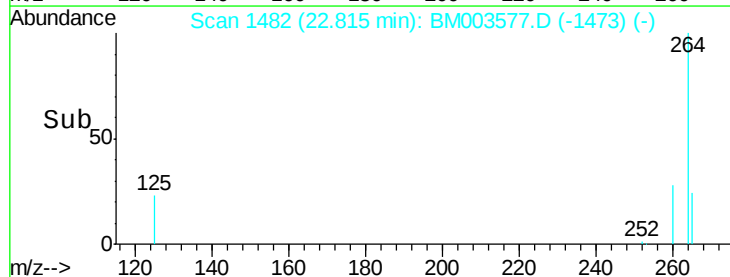
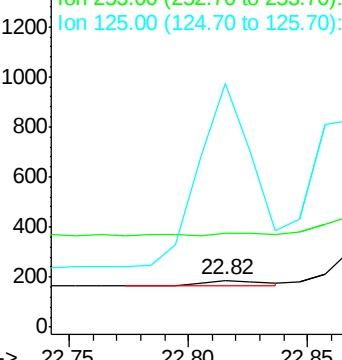
Ion	Ratio	Lower	Upper
252	100		
253	200.0	19.8	29.8#
125	520.3	10.4	15.6#

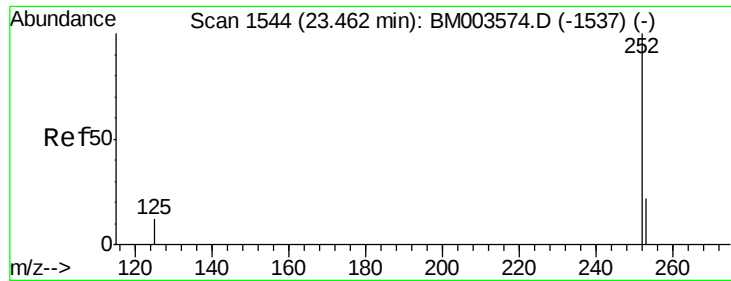


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.42 min Scan# 1540

Delta R.T. -0.04 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

Instrument :

BNA_M

ClientSampleId :

D9N27

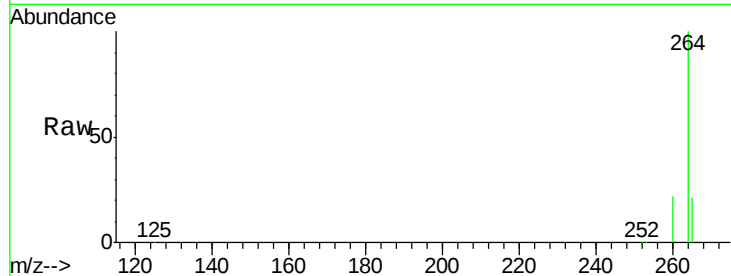
Tgt Ion: 252 Resp: 6207

Ion Ratio Lower Upper

252 100

253 37.3 19.4 29.2#

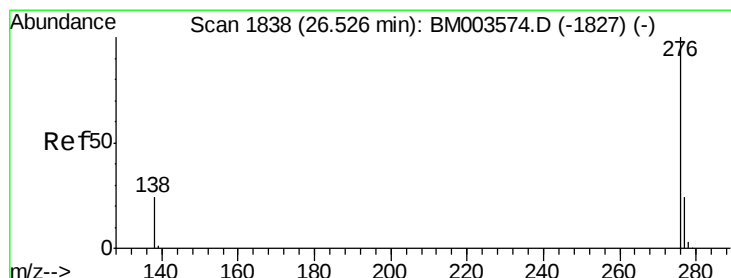
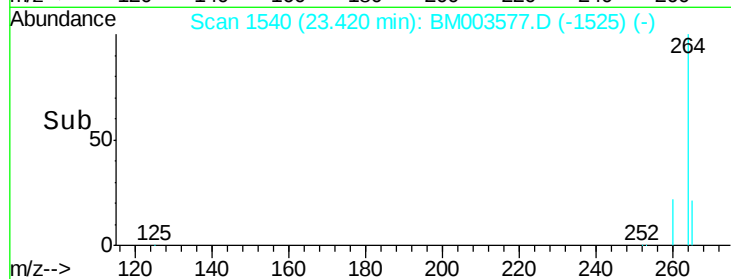
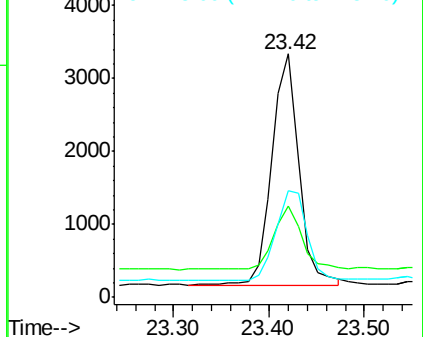
125 43.6 12.7 19.1#



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: 26.36 min Scan# 1822

Delta R.T. -0.17 min

Lab File: BM003577.D

Acq: 16 Dec 2015 14:38

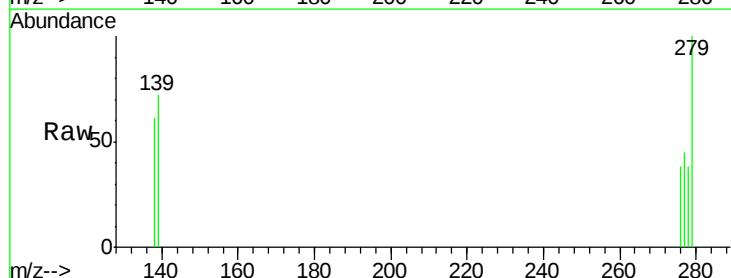
Tgt Ion: 276 Resp: 11

Ion Ratio Lower Upper

276 100

277 120.0 18.9 28.3#

138 161.7 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

