

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003243.D
 Acq On : 21 Nov 2015 11:31
 Operator : UM/IZ
 Sample : G4323-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 01:17:08 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	11057	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	43060	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	22959	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	2696737	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	46278	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	2700161	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	56880	4.82	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	14436	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	30432	0.00	ng/ul	0.00

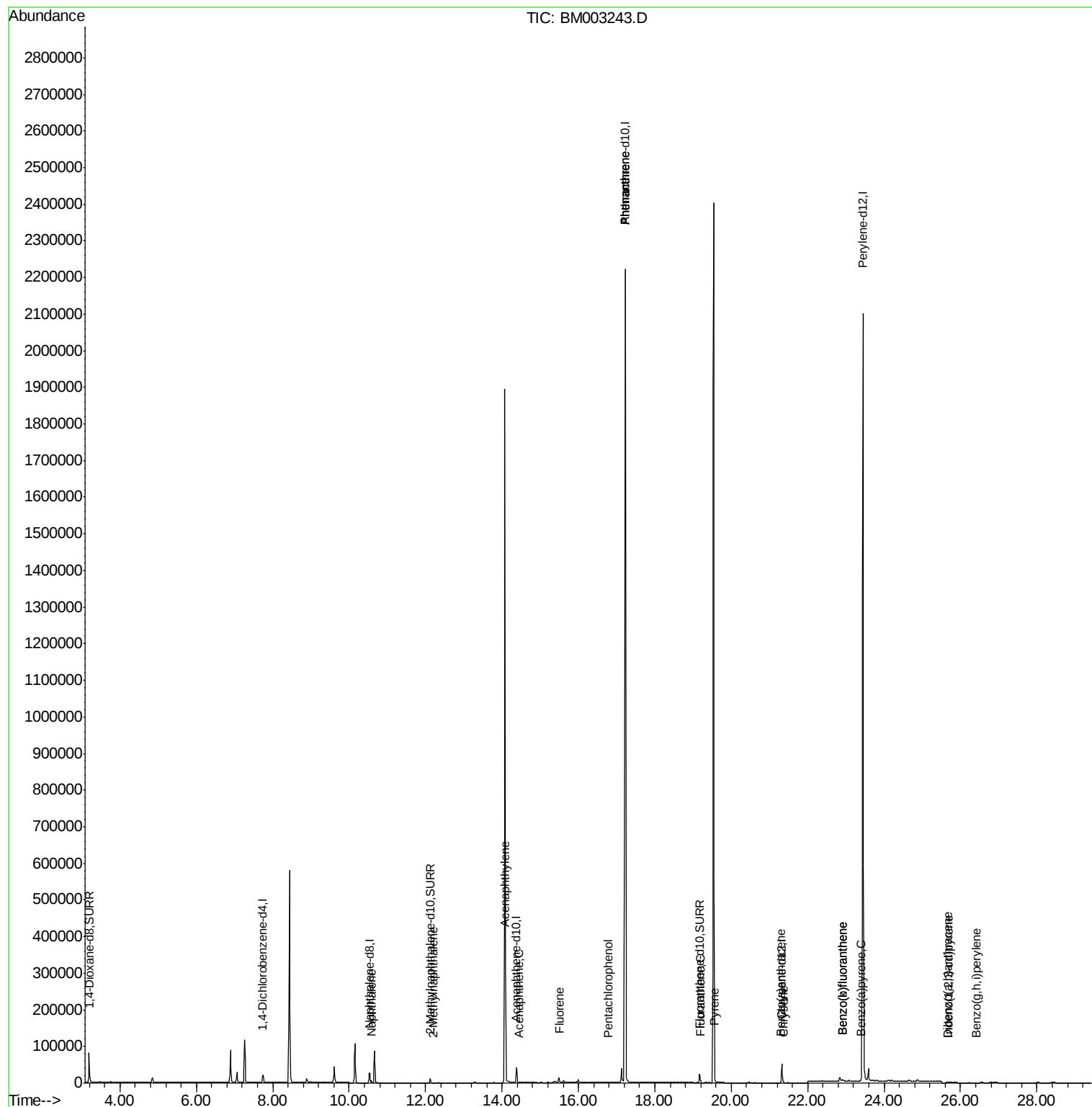
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.57	128	8119	0.07	ng/ul#	94
7) 2-Methylnaphthalene	12.19	142	230	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	957	0.01	ng/ul#	46
10) Acenaphthene	14.43	153	277	0.00	ng/ul#	81
11) Fluorene	15.49	166	218	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	608	0.00	ng/ul	97
14) Phenanthrene	17.23	178	1929	0.00	ng/ul#	1
15) Anthracene	17.23	178	1856	0.00	ng/ul#	1
17) Fluoranthene	19.20	202	6874	0.00	ng/ul	91
19) Pyrene	19.56	202	10621	0.07	ng/ul#	91
20) Benzo(a)anthracene	21.31	228	2923	0.02	ng/ul#	86
21) Chrysene	21.36	228	3502	0.02	ng/ul#	87
23) Benzo(b)fluoranthene	22.90	252	3529	0.00	ng/ul#	3
24) Benzo(k)fluoranthene	22.90	252	6266	0.00	ng/ul#	8
25) Benzo(a)pyrene	23.39	252	2595	0.00	ng/ul#	3
26) Indeno(1,2,3-cd)pyrene	25.69	276	66	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.67	278	23	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.41	276	33	0.00	ng/ul#	1

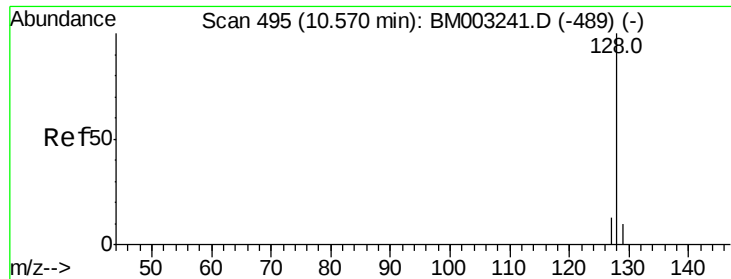
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
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#5

Naphthalene

Concen: 0.07 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

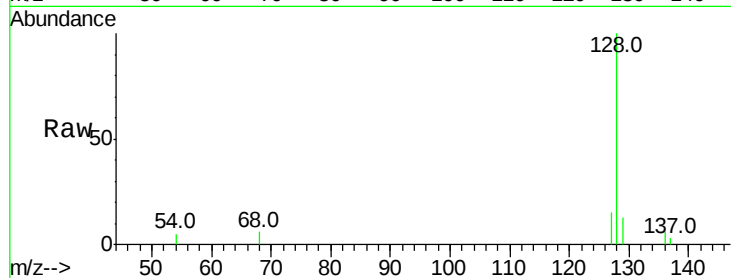
Tot Ion:128 Resp: 8119

Ion Ratio Lower Upper

128 100

129 12.8 9.0 13.6

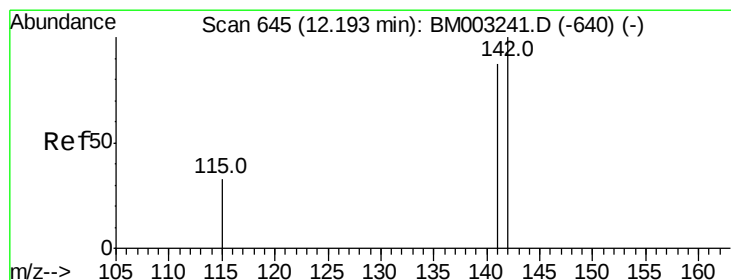
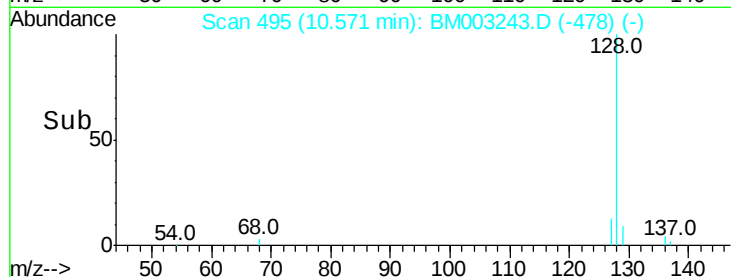
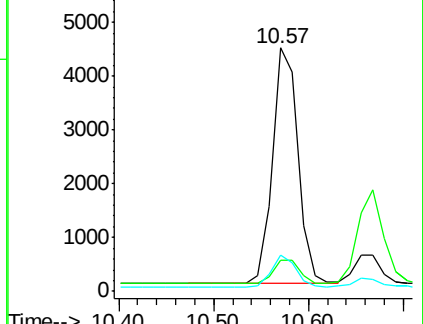
127 14.7 9.6 14.4#



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: 12.19 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM003243.D

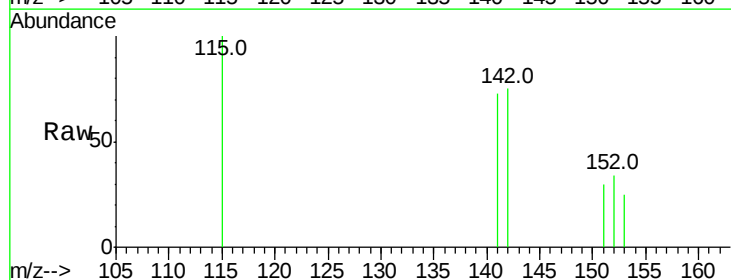
Acq: 21 Nov 2015 11:31

Tgt Ion:142 Resp: 230

Ion Ratio Lower Upper

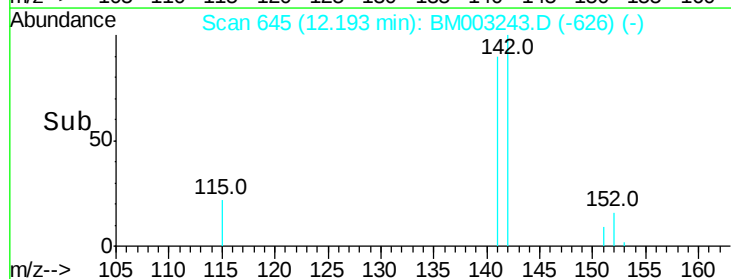
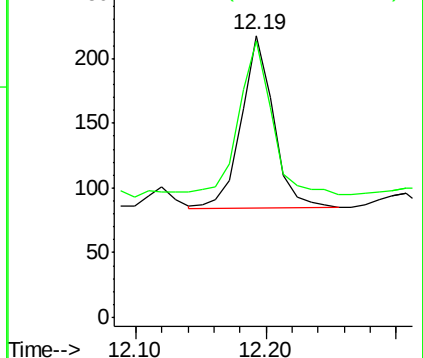
142 100

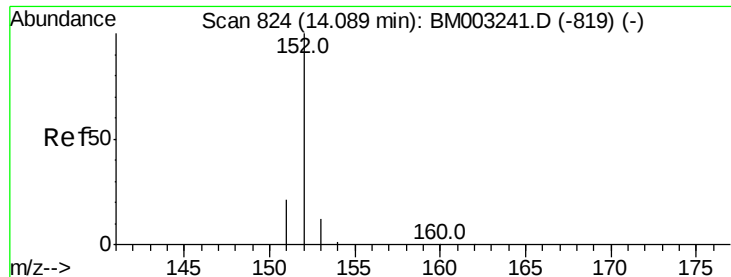
141 101.3 0.0 0.0#



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: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

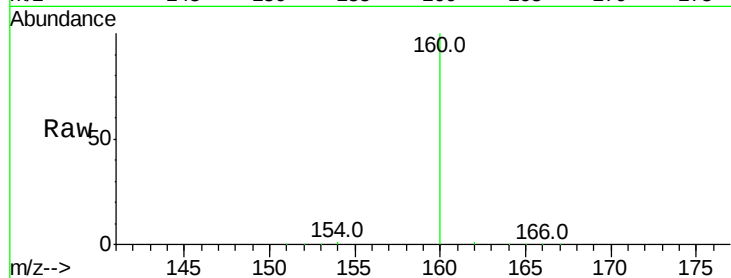
Tot Ion:152 Resp: 957

Ion Ratio Lower Upper

152 100

151 42.0 17.6 26.4#

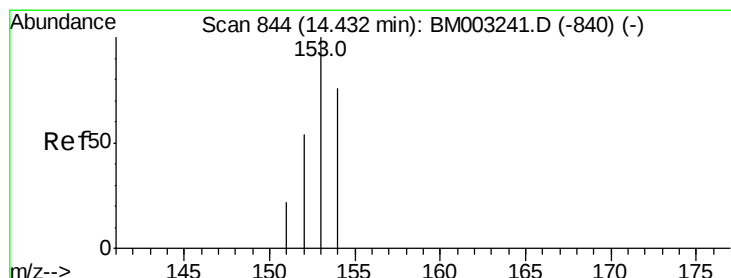
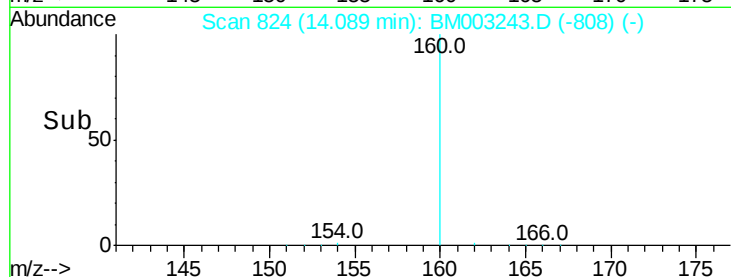
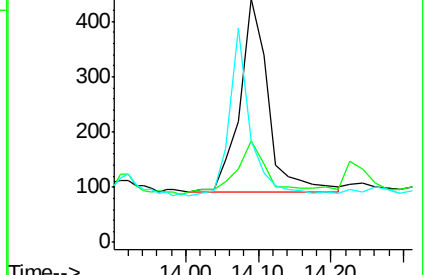
153 42.0 9.7 14.5#



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: 0.00 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

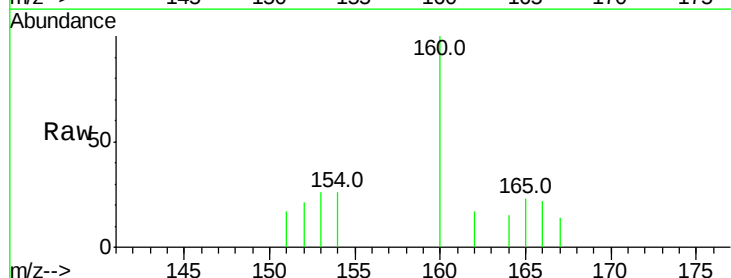
Tgt Ion:153 Resp: 277

Ion Ratio Lower Upper

153 100

152 80.5 33.9 50.9#

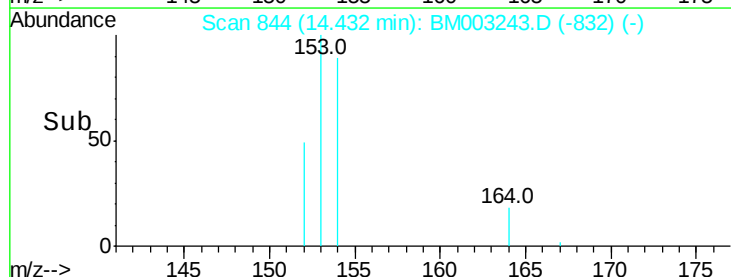
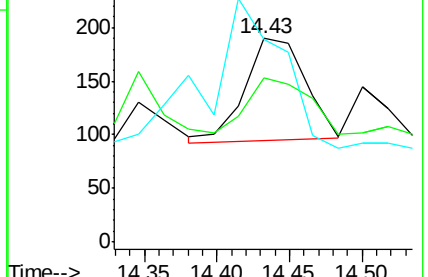
154 99.5 80.6 121.0

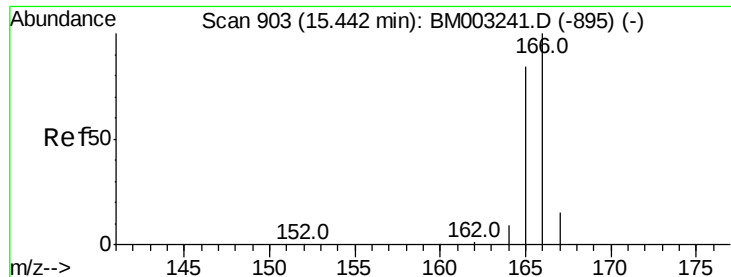


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

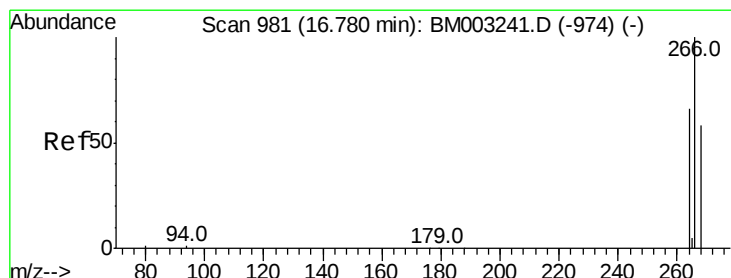
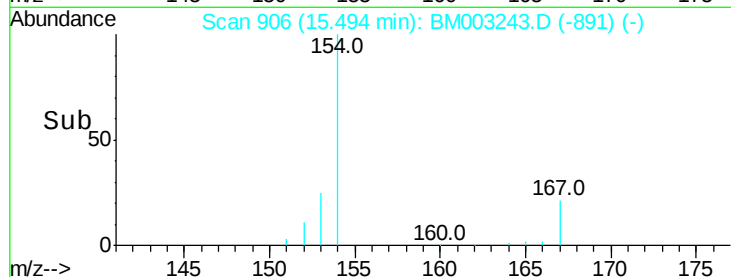
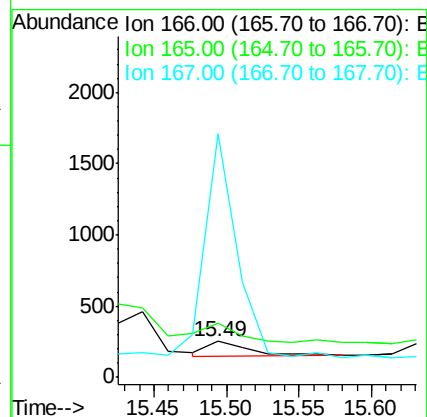
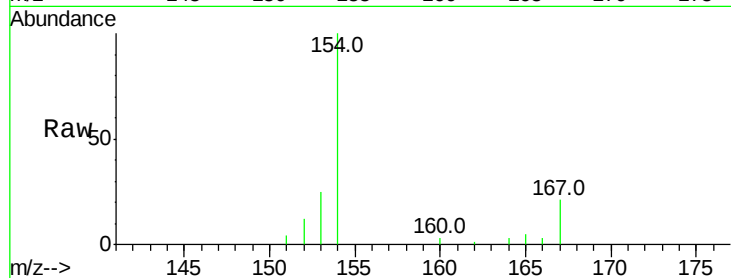
Tot Ion:166 Resp: 218

Ion Ratio Lower Upper

166 100

165 149.6 69.6 104.4#

167 678.2 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

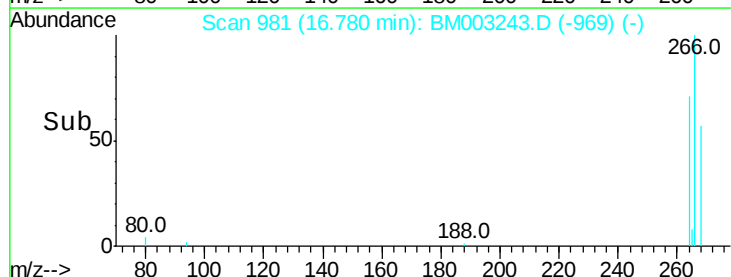
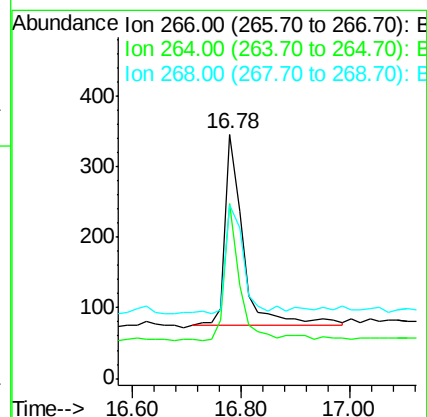
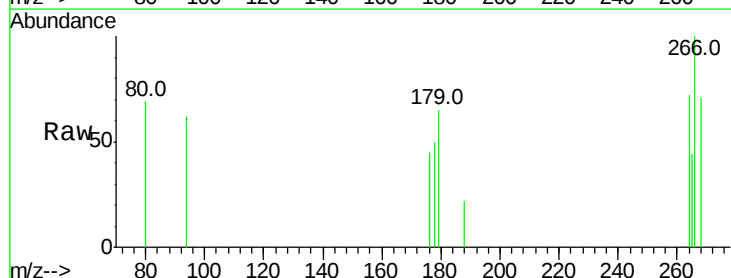
Tgt Ion:266 Resp: 608

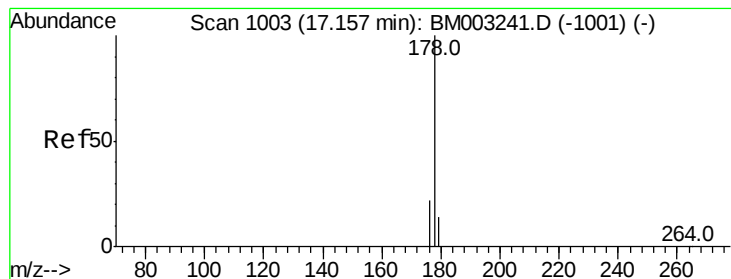
Ion Ratio Lower Upper

266 100

264 62.8 51.8 77.8

268 55.8 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.07 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

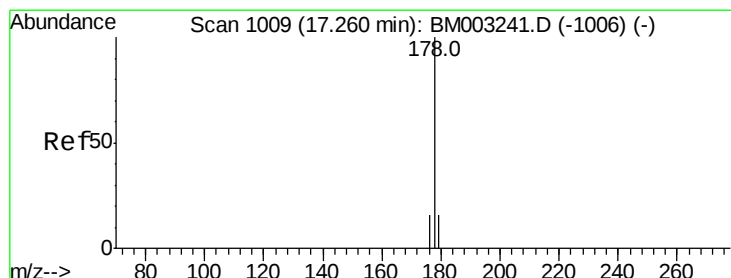
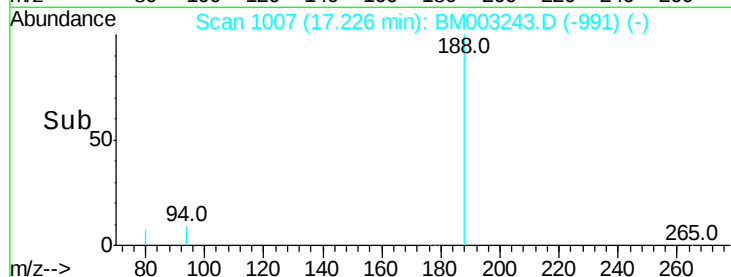
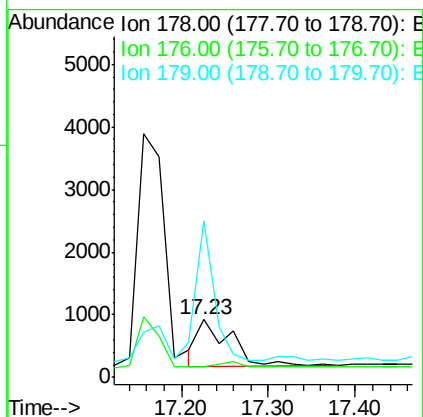
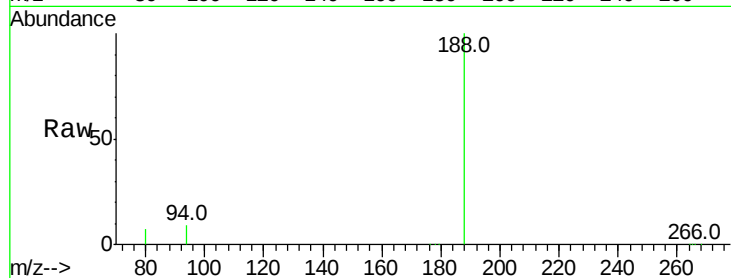
Tot Ion:178 Resp: 1929

Ion Ratio Lower Upper

178 100

176 18.3 13.0 19.4

179 270.8 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

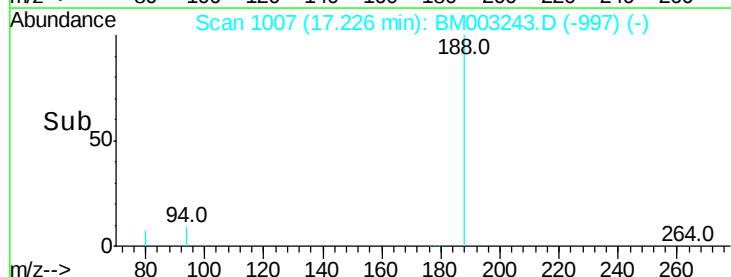
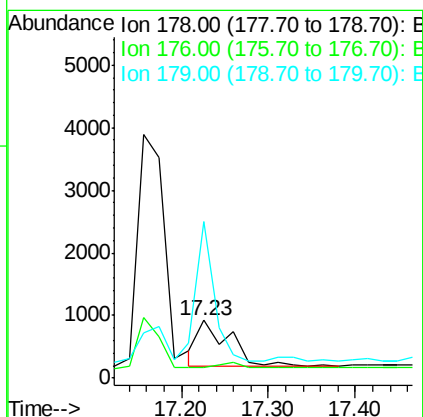
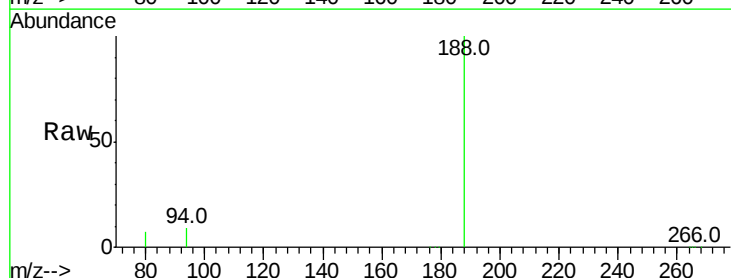
Tgt Ion:178 Resp: 1856

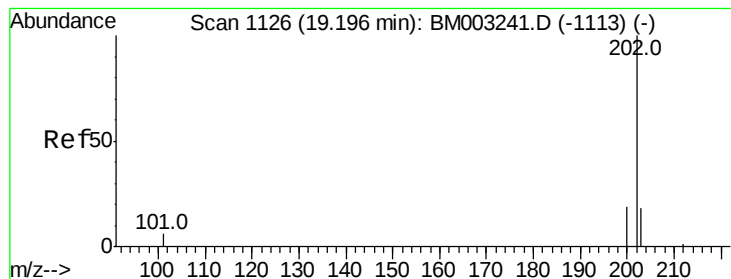
Ion Ratio Lower Upper

178 100

176 18.3 14.0 21.0

179 270.8 12.9 19.3#





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.20 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

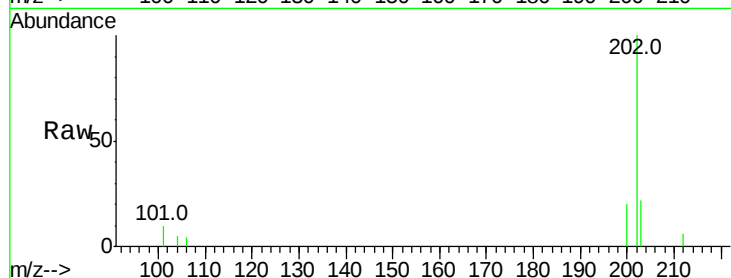
Tot Ion:202 Resp: 6874

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.6

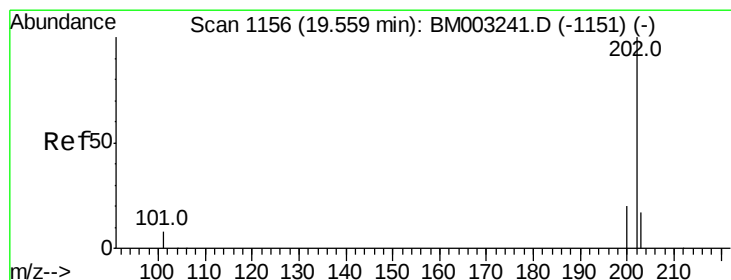
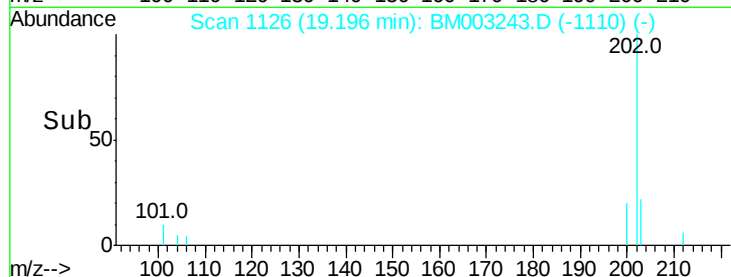
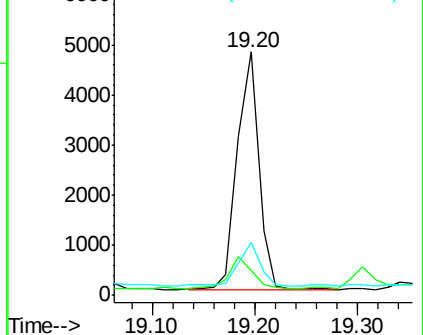
203 22.0 0.0 36.3



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: 0.07 ng/ul

RT: 19.56 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

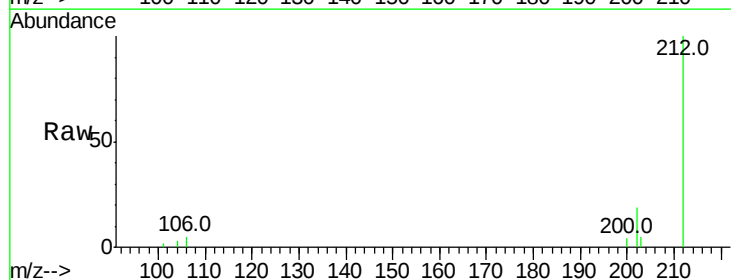
Tgt Ion:202 Resp: 10621

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.8

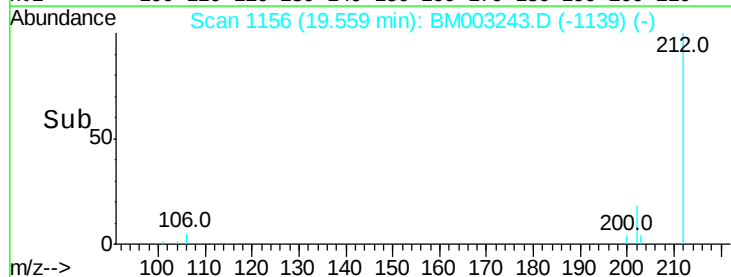
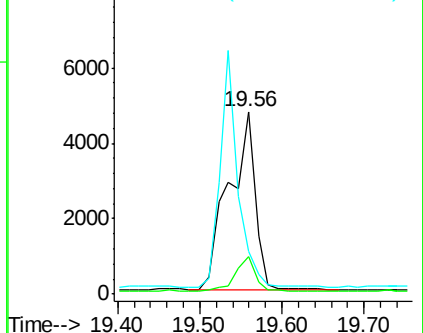
203 23.7 12.8 19.2#

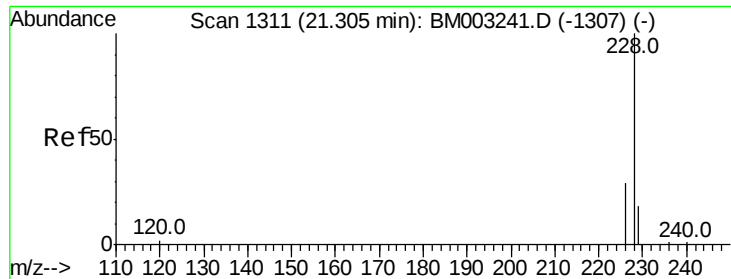


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.31 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

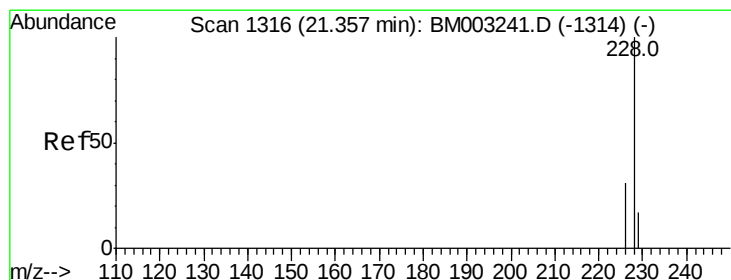
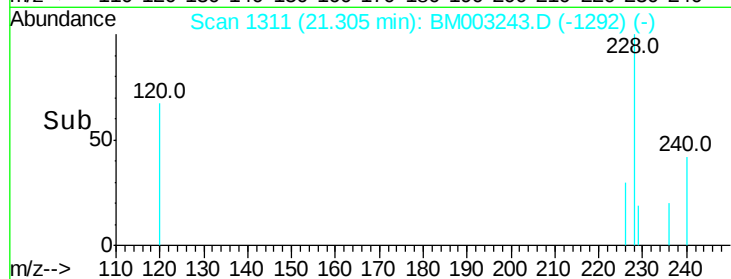
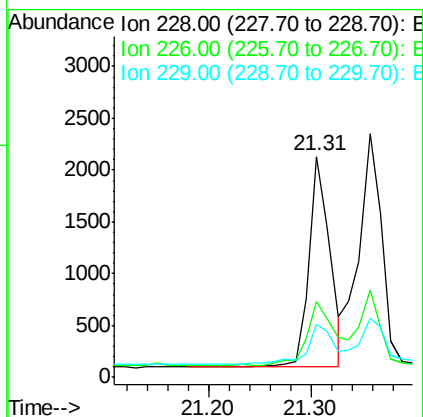
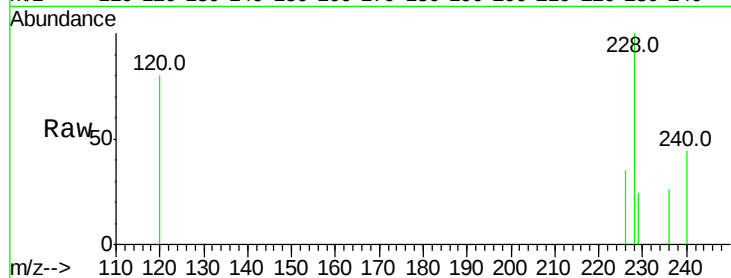
Tot Ion:228 Resp: 2923

Ion Ratio Lower Upper

228 100

226 34.6 18.8 28.2#

229 24.0 17.1 25.7



#21

Chrysene

Concen: 0.02 ng/ul

RT: 21.36 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

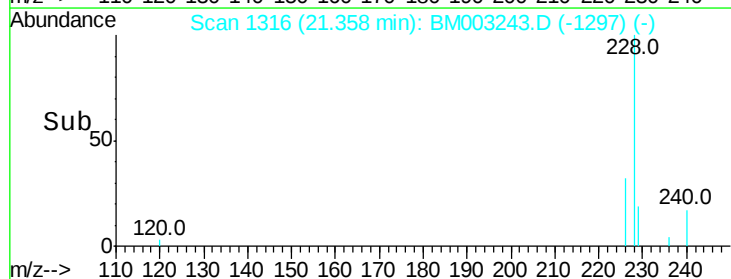
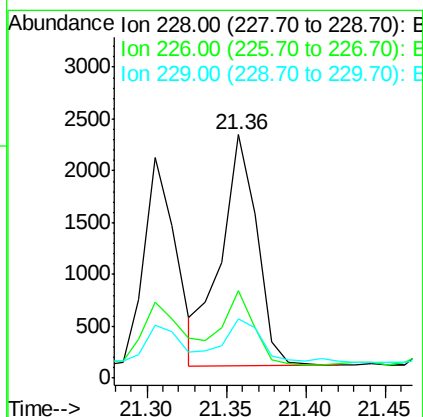
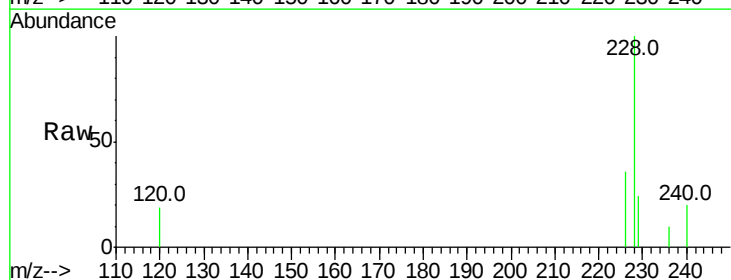
Tgt Ion:228 Resp: 3502

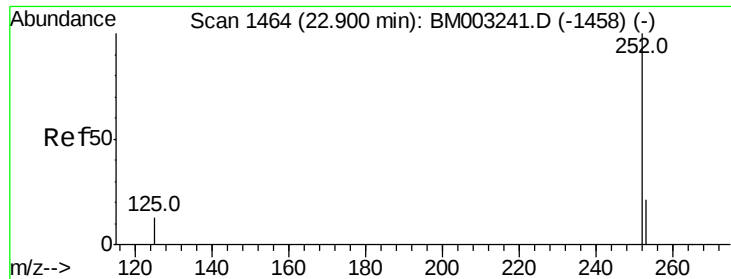
Ion Ratio Lower Upper

228 100

226 36.1 21.2 31.8#

229 24.3 17.0 25.6

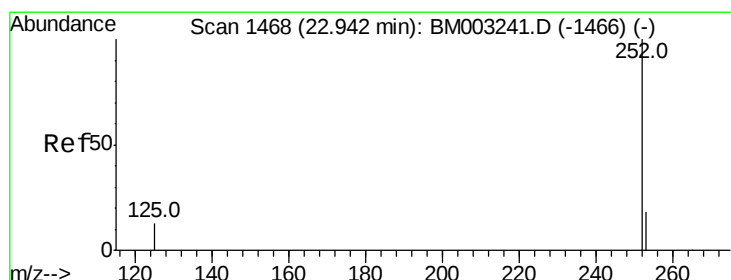
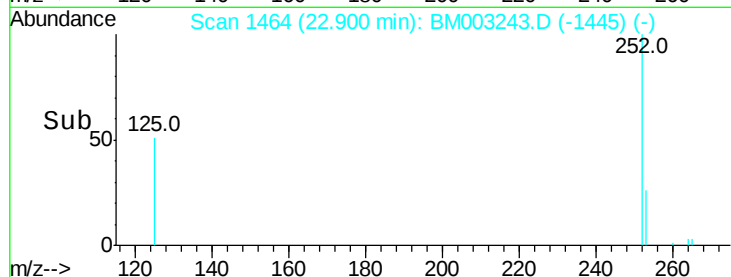
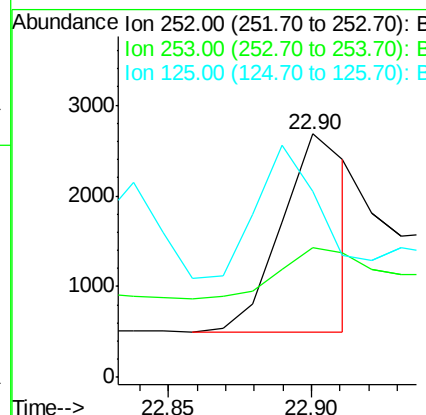
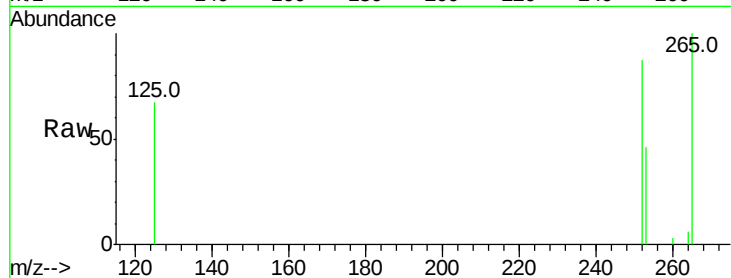




#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.90 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BM003243.D
Acq: 21 Nov 2015 11:31

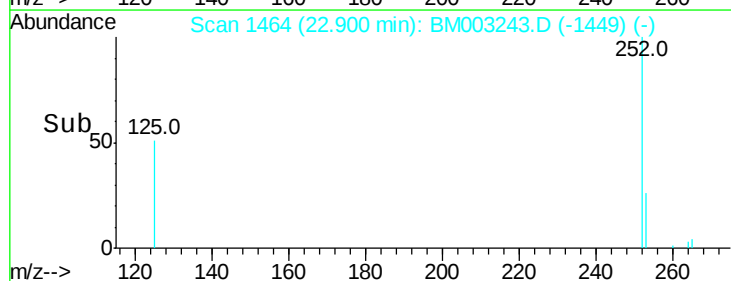
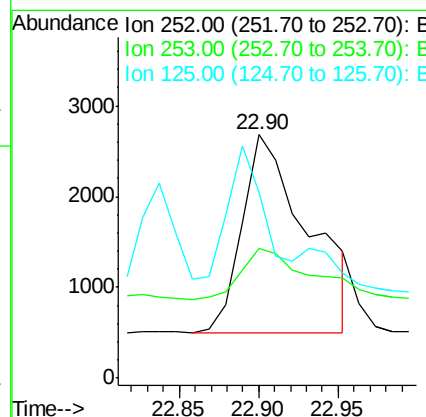
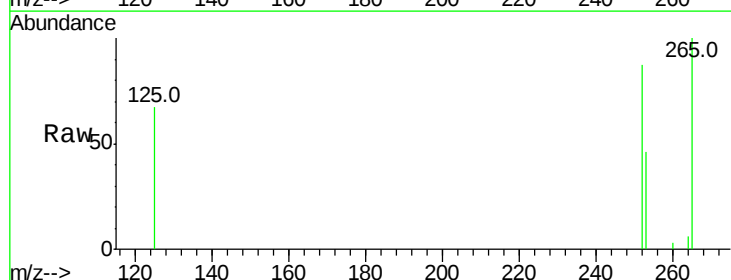
Instrument :
BNA_M
ClientSampleId :

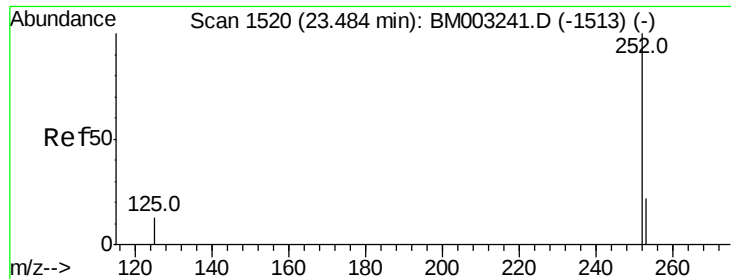
Tot Ion:252 Resp: 3529
Ion Ratio Lower Upper
252 100
253 53.2 0.0 45.4#
125 76.3 0.0 28.8#



#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.90 min Scan# 1464
Delta R.T. -0.04 min
Lab File: BM003243.D
Acq: 21 Nov 2015 11:31

Tgt Ion:252 Resp: 6266
Ion Ratio Lower Upper
252 100
253 53.2 19.8 29.8#
125 76.3 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.39 min Scan# 1511

Delta R.T. -0.09 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

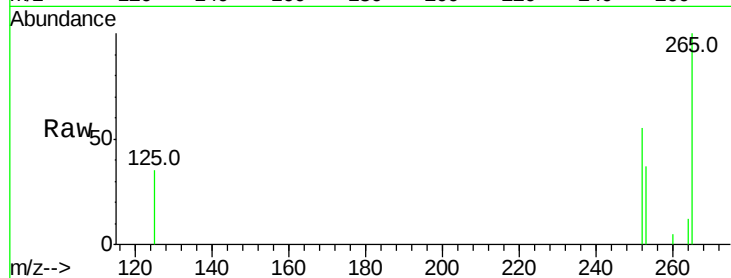
Tot Ion:252 Resp: 2595

Ion Ratio Lower Upper

252 100

253 67.4 19.4 29.2#

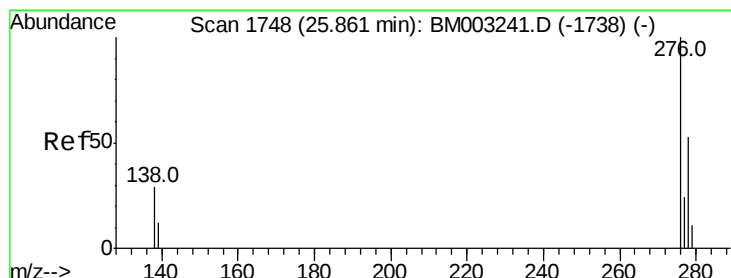
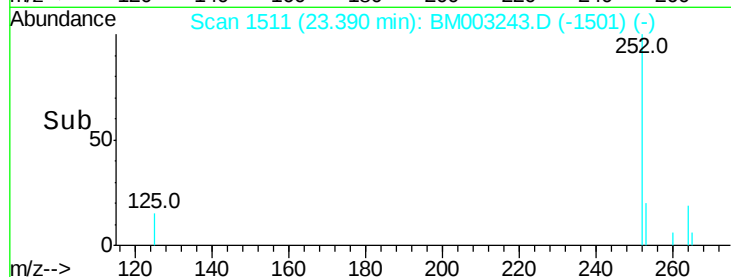
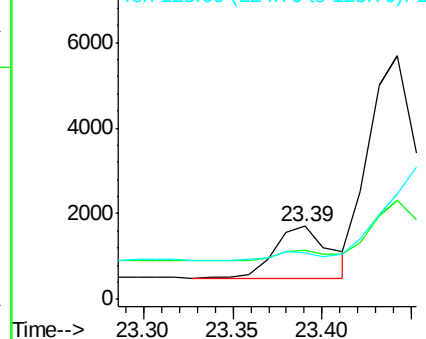
125 63.9 12.7 19.1#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.69 min Scan# 1732

Delta R.T. -0.17 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

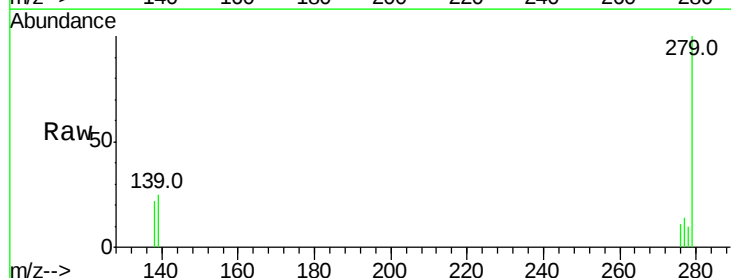
Tgt Ion:276 Resp: 66

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

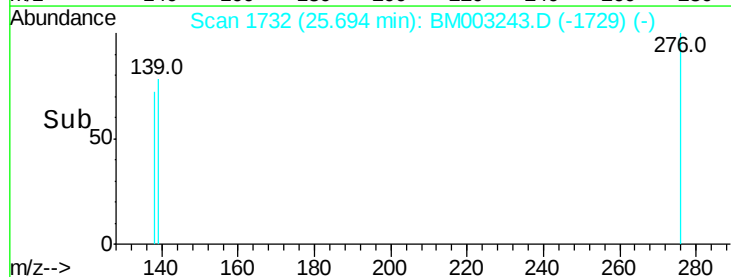
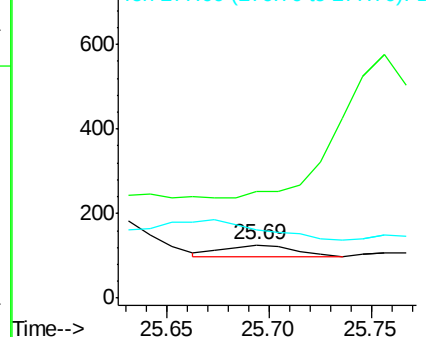
277 0.0 19.8 29.8#

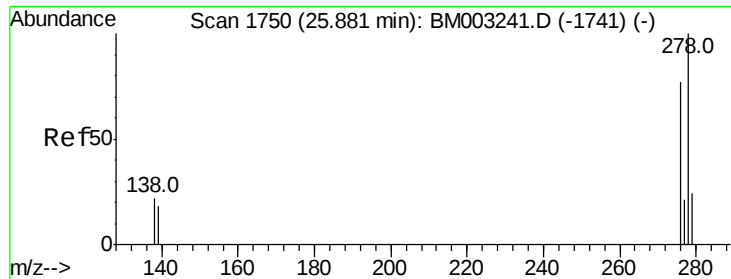


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.67 min Scan# 1730

Delta R.T. -0.21 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

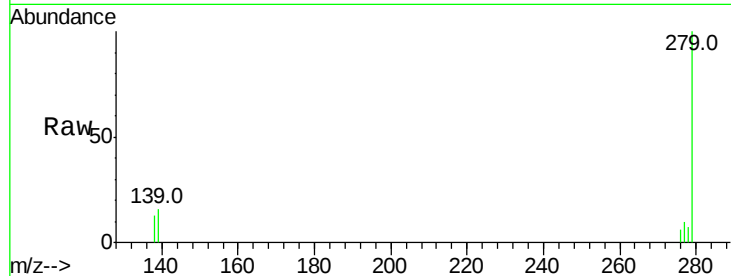
Tot Ion:278 Resp: 23

Ion Ratio Lower Upper

278 100

139 226.8 16.4 24.6#

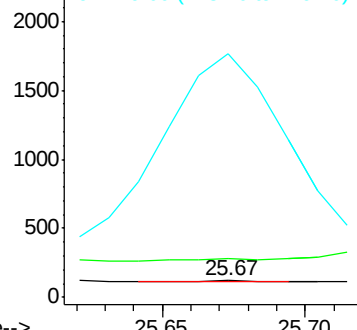
279 1435.0 20.2 30.2#



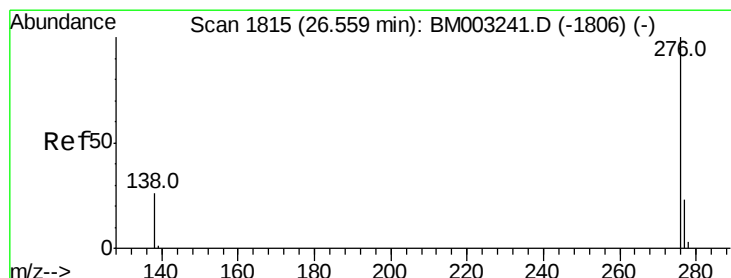
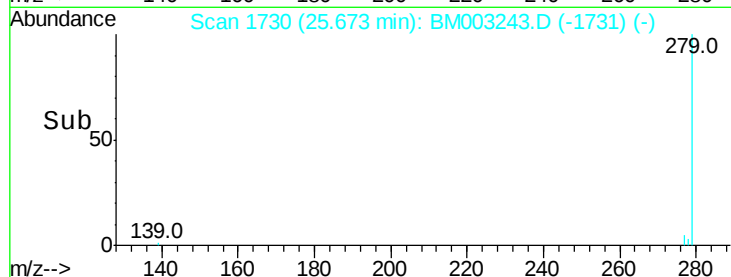
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.41 min Scan# 1801

Delta R.T. -0.15 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

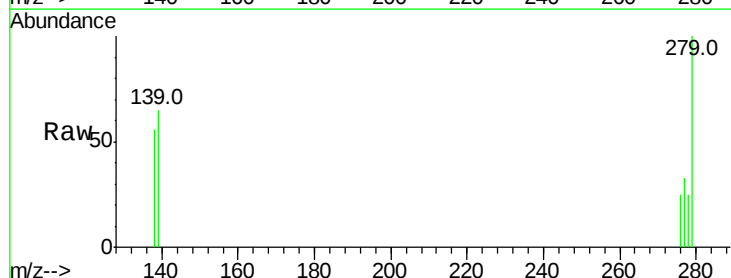
Tgt Ion:276 Resp: 33

Ion Ratio Lower Upper

276 100

277 131.4 18.9 28.3#

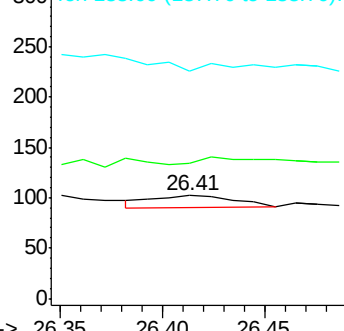
138 221.6 22.5 33.7#



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



Time-->

