

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003245.D
 Acq On : 21 Nov 2015 12:43
 Operator : UM/IZ
 Sample : G4323-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 01:17:33 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

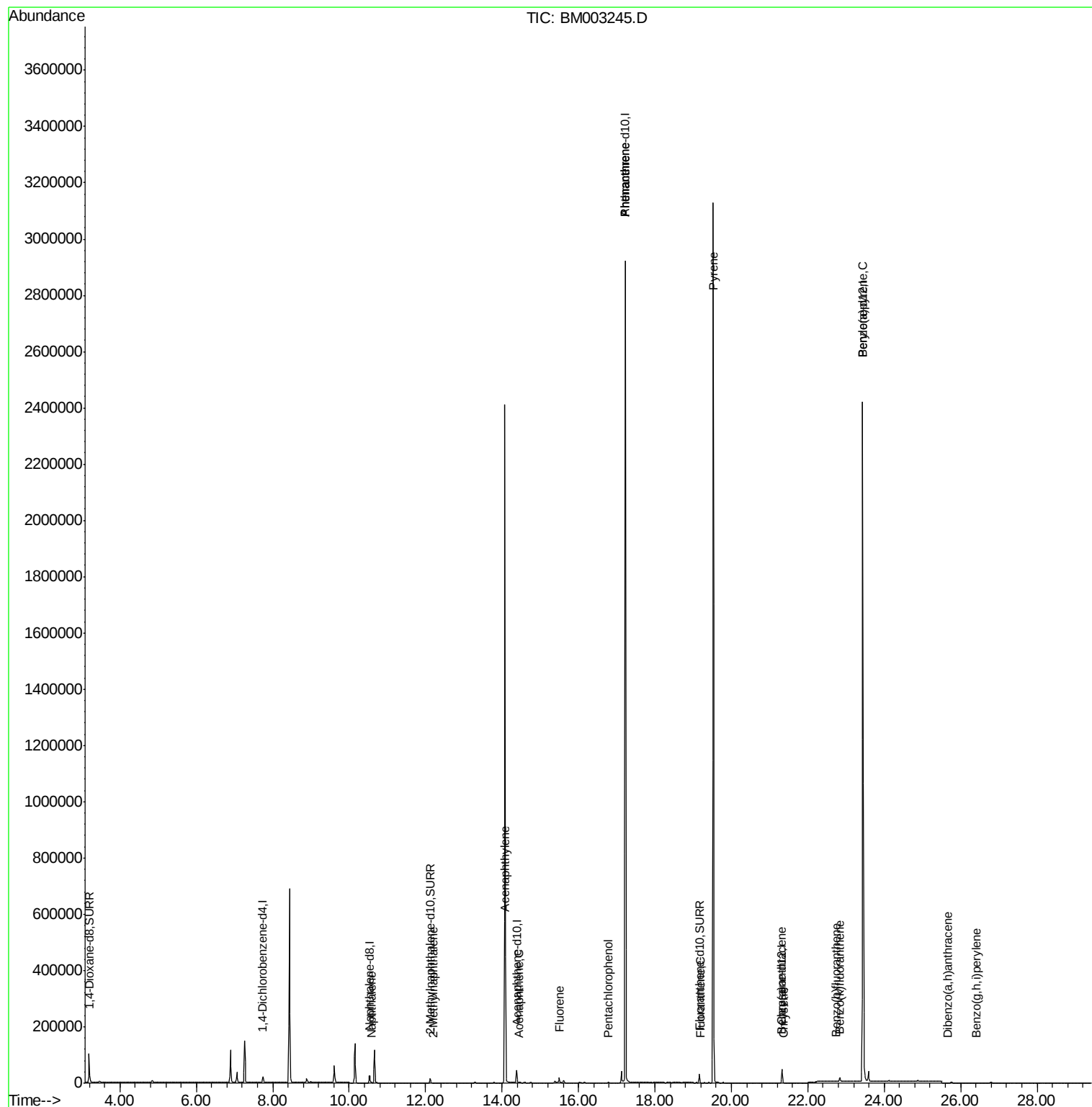
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	10701	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	42223	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	24143	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3525227	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	47489	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	3304173	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	72739	6.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	18925	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	36793	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	2560	0.02	ng/ul#	82
7) 2-Methylnaphthalene	12.19	142	322	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	500	0.00	ng/ul#	1
10) Acenaphthene	14.45	153	216	0.00	ng/ul#	72
11) Fluorene	15.49	166	315	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	599	0.00	ng/ul	95
14) Phenanthrene	17.23	178	1597	0.00	ng/ul#	1
15) Anthracene	17.23	178	1566	0.00	ng/ul#	1
17) Fluoranthene	19.19	202	1197	0.00	ng/ul	59
19) Pyrene	19.53	202	6308	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.31	228	622	0.00	ng/ul#	30
21) Chrysene	21.36	228	366	0.00	ng/ul#	40
23) Benzo(b)fluoranthene	22.75	252	48	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.83	252	104	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	12884	0.00	ng/ul#	66
27) Dibenzo(a,h)anthracene	25.65	278	11	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.40	276	56	0.00	ng/ul#	1

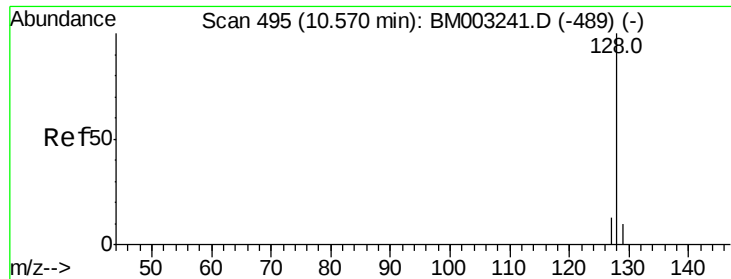
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003245.D
Acq On : 21 Nov 2015 12:43
Operator : UM/IZ
Sample : G4323-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 22 01:17:33 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





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. 0.00 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

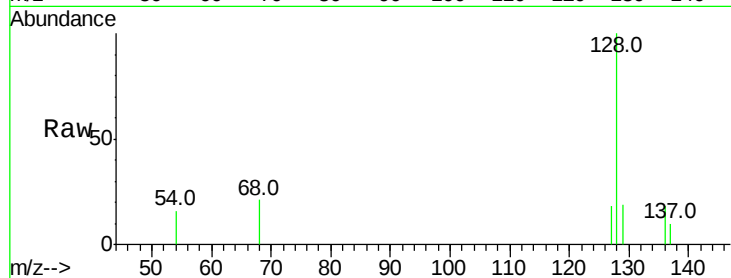
Tot Ion:128 Resp: 2560

Ion Ratio Lower Upper

128 100

129 19.2 9.0 13.6#

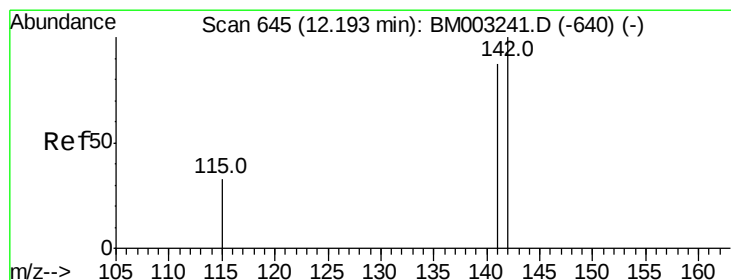
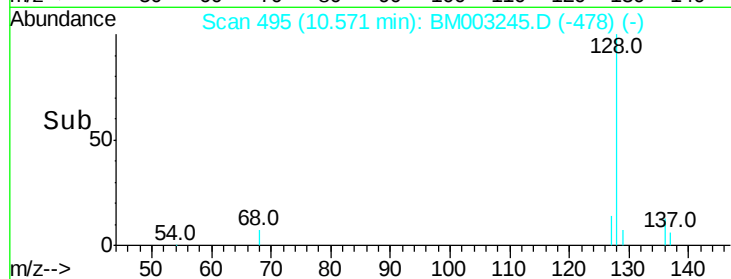
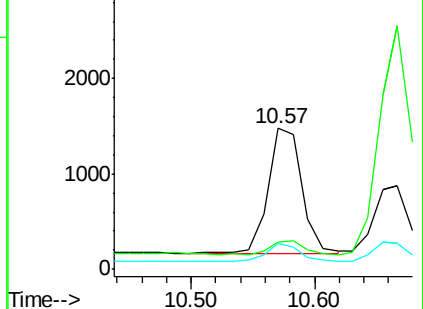
127 18.2 9.6 14.4#



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: BM003245.D

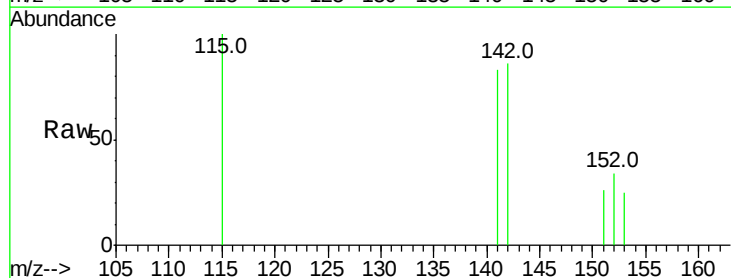
Acq: 21 Nov 2015 12:43

Tgt Ion:142 Resp: 322

Ion Ratio Lower Upper

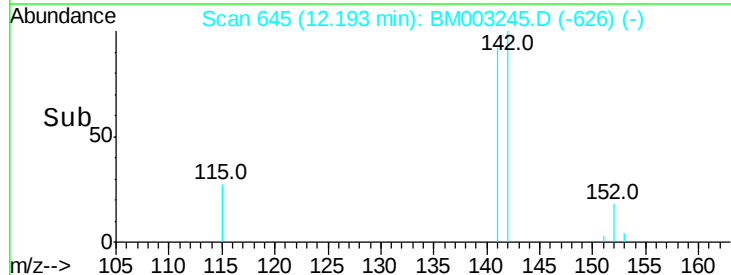
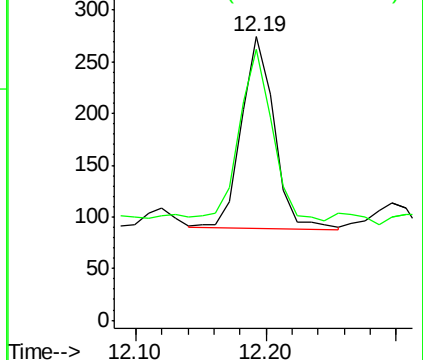
142 100

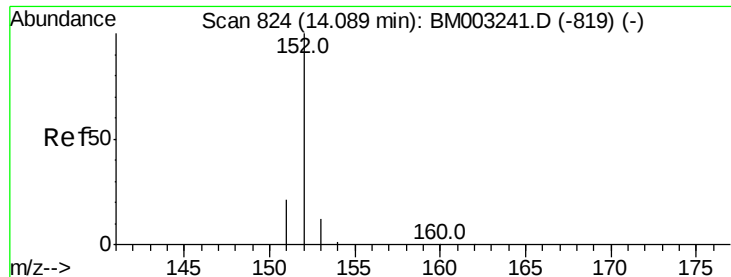
141 91.0 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

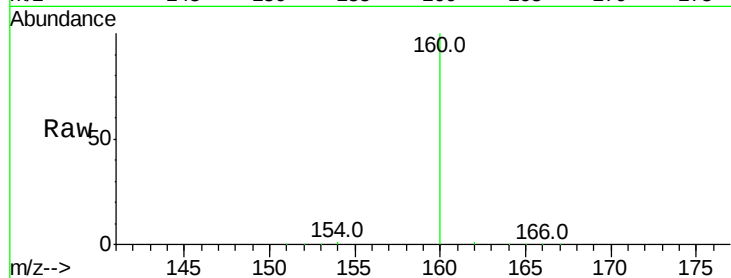
Tot Ion:152 Resp: 500

Ion Ratio Lower Upper

152 100

151 56.4 17.6 26.4#

153 75.7 9.7 14.5#



Abundance Ion 152.00 (151.70 to 152.70): E

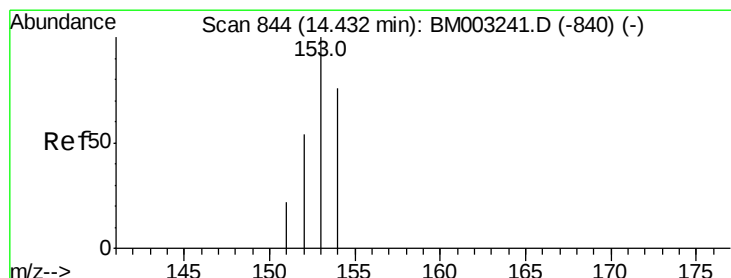
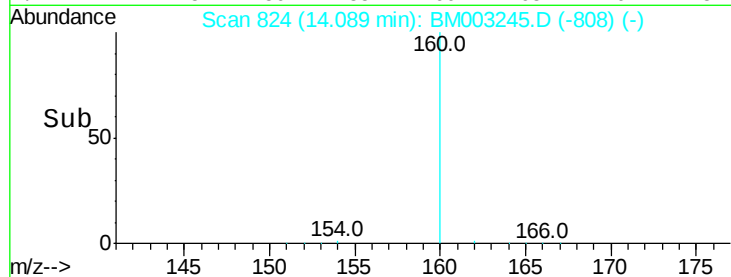
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.09

Time-->

13.90 14.00 14.10 14.20



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. 0.02 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

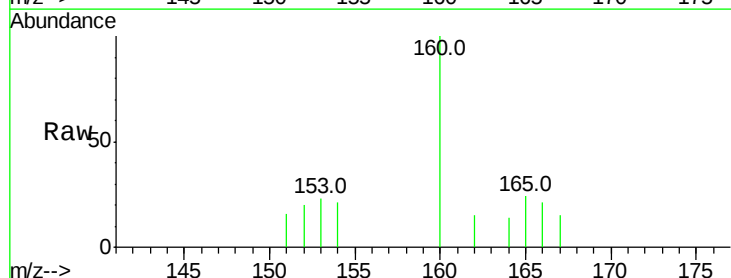
Tgt Ion:153 Resp: 216

Ion Ratio Lower Upper

153 100

152 86.5 33.9 50.9#

154 90.0 80.6 121.0



Abundance Ion 153.00 (152.70 to 153.70): E

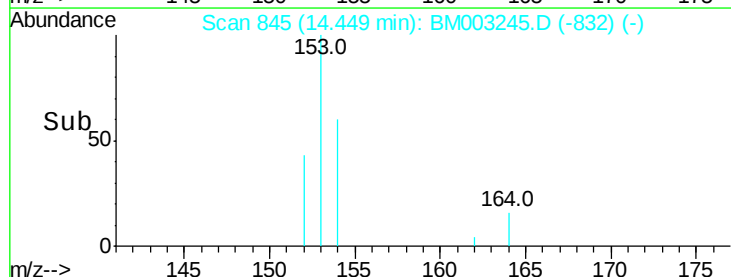
Ion 152.00 (151.70 to 152.70): E

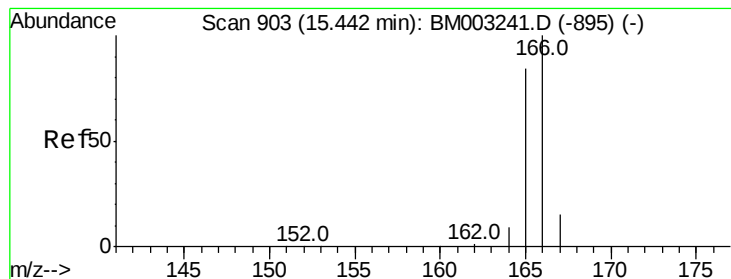
Ion 154.00 (153.70 to 154.70): E

14.45

Time-->

14.40 14.45 14.50





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

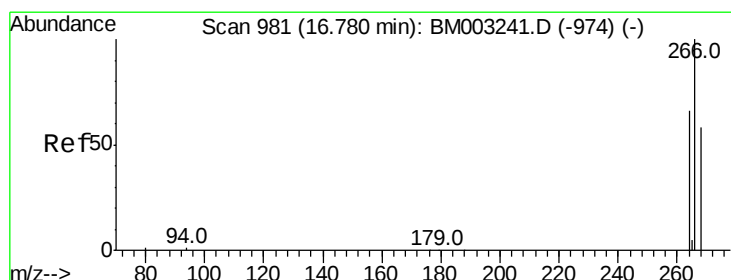
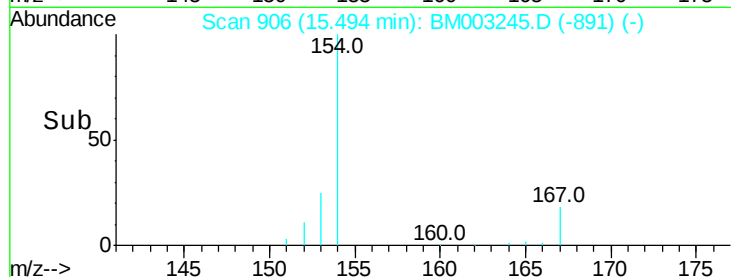
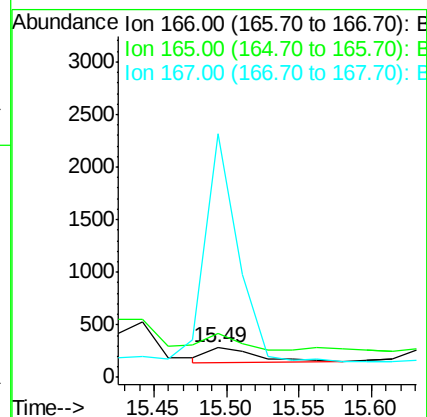
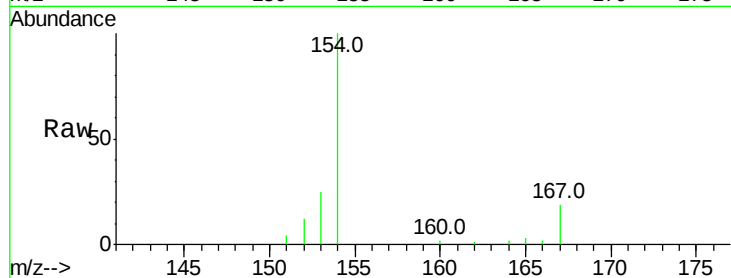
Tot Ion:166 Resp: 315

Ion Ratio Lower Upper

166 100

165 149.1 69.6 104.4#

167 818.4 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: BM003245.D

Acq: 21 Nov 2015 12:43

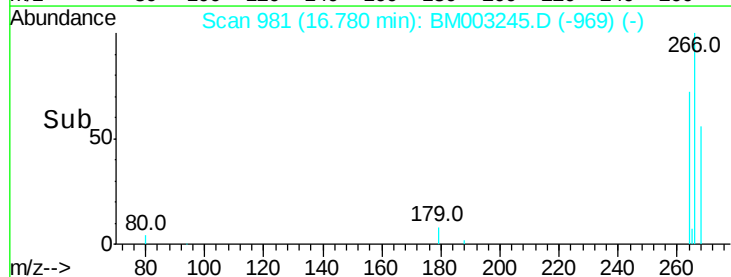
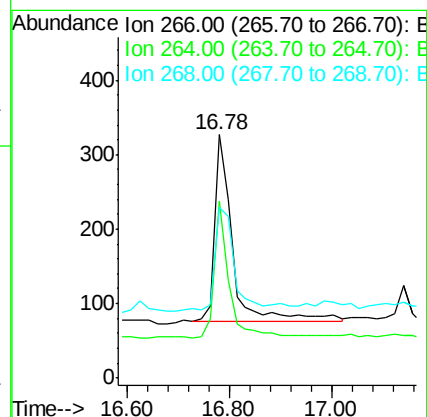
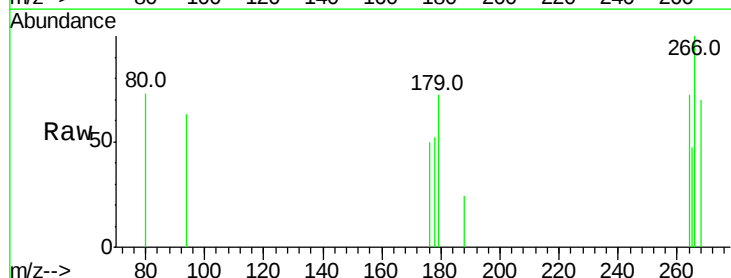
Tgt Ion:266 Resp: 599

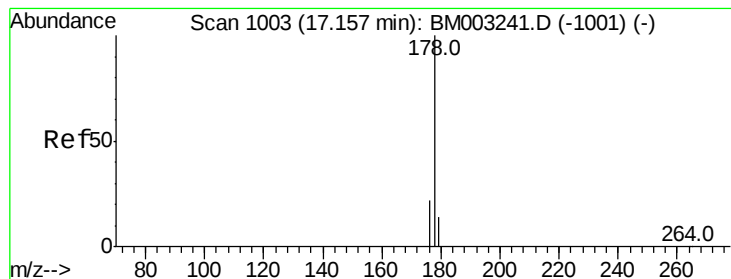
Ion Ratio Lower Upper

266 100

264 58.9 51.8 77.8

268 60.1 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: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

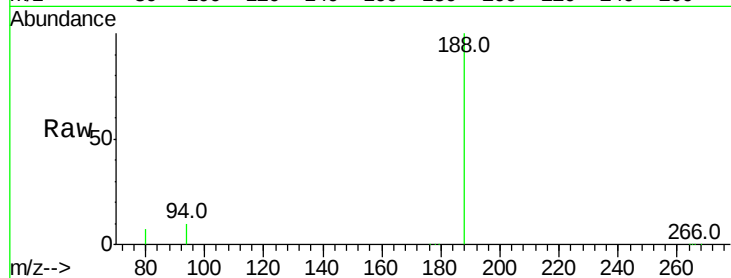
Tot Ion:178 Resp: 1597

Ion Ratio Lower Upper

178 100

176 15.3 13.0 19.4

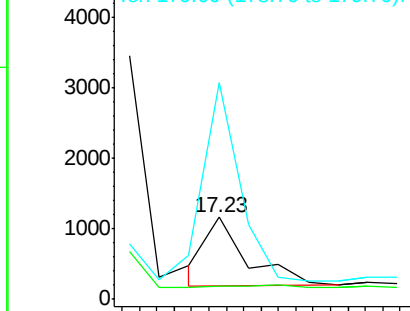
179 263.7 14.2 21.2#



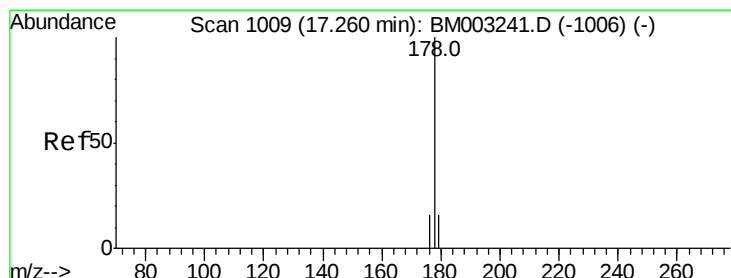
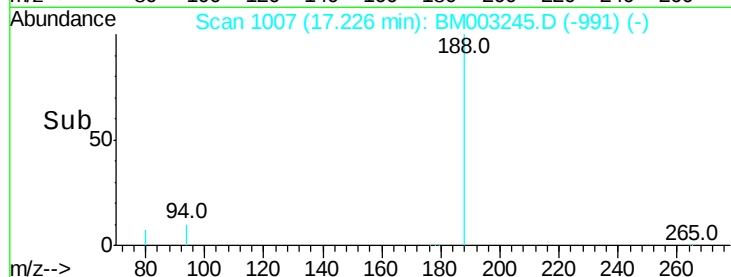
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

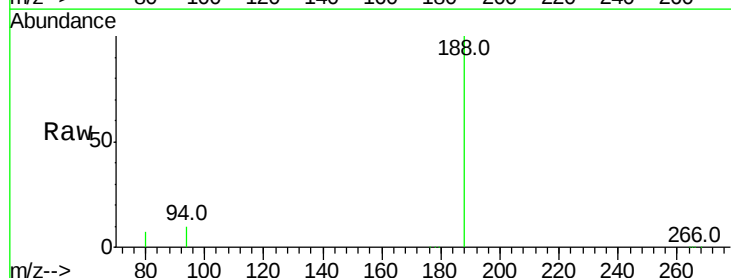
Tgt Ion:178 Resp: 1566

Ion Ratio Lower Upper

178 100

176 15.3 14.0 21.0

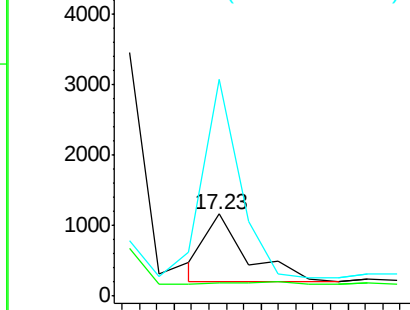
179 263.7 12.9 19.3#



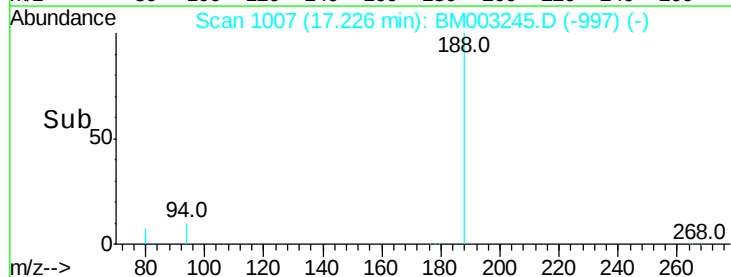
Abundance Ion 178.00 (177.70 to 178.70): E

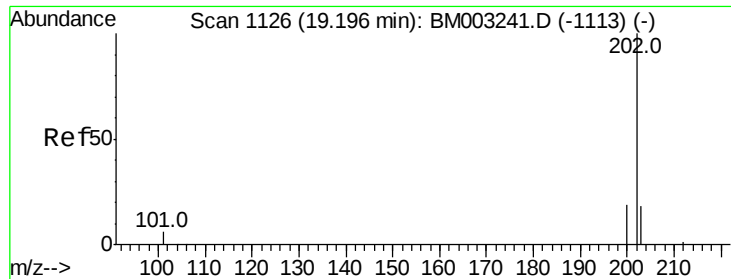
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

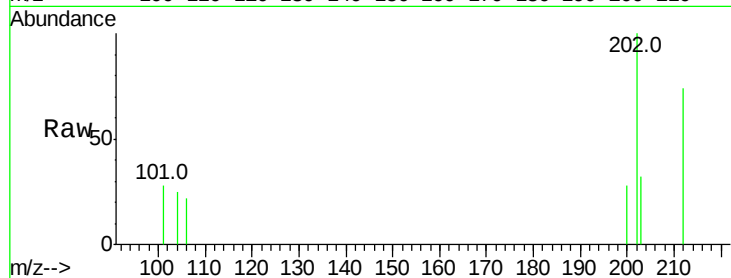
Tot Ion:202 Resp: 1197

Ion Ratio Lower Upper

202 100

101 27.5 0.0 29.6

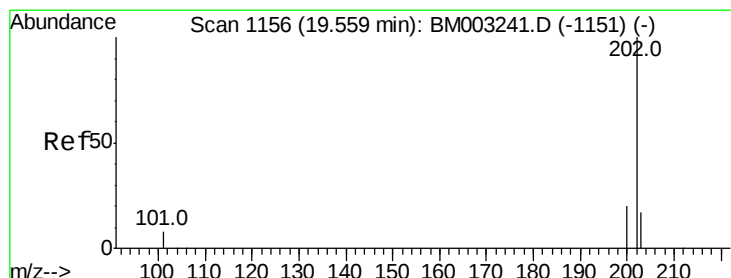
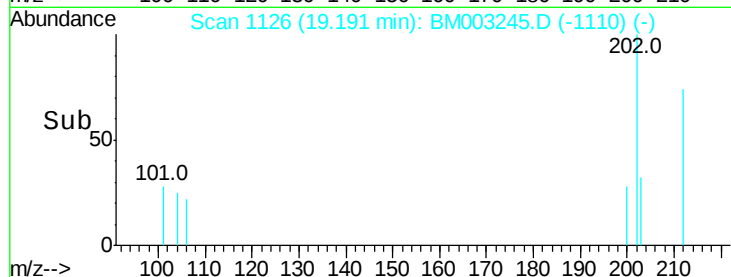
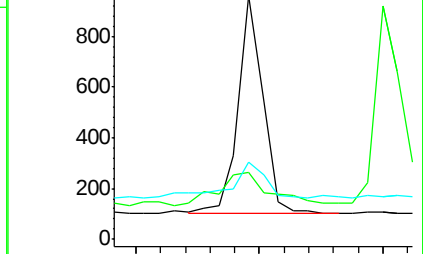
203 31.6 0.0 36.3



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: 19.53 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

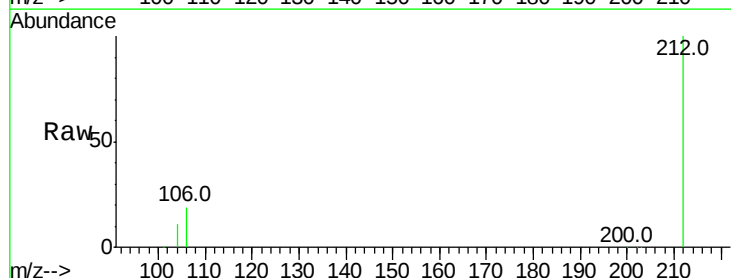
Tgt Ion:202 Resp: 6308

Ion Ratio Lower Upper

202 100

200 4.6 17.8 26.8#

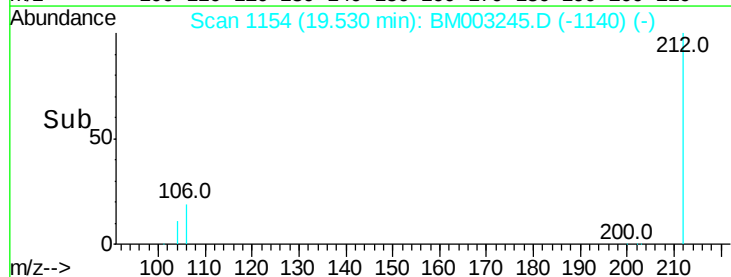
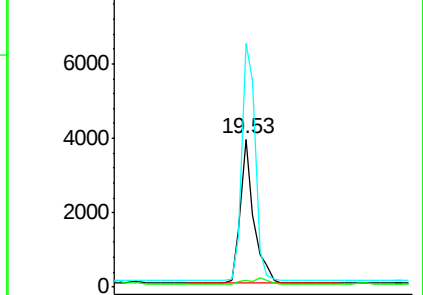
203 164.4 12.8 19.2#

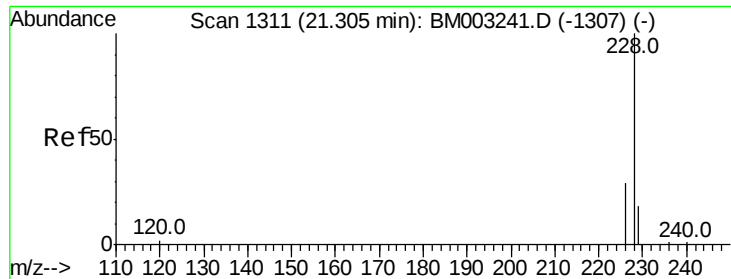


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.31 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

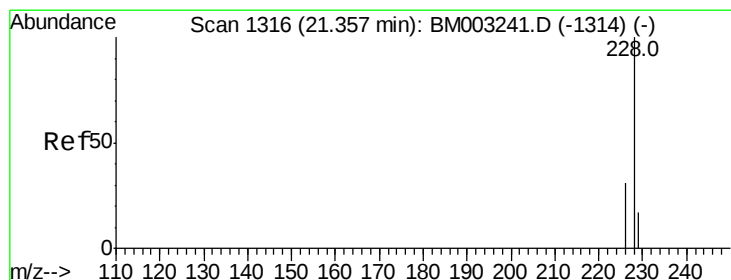
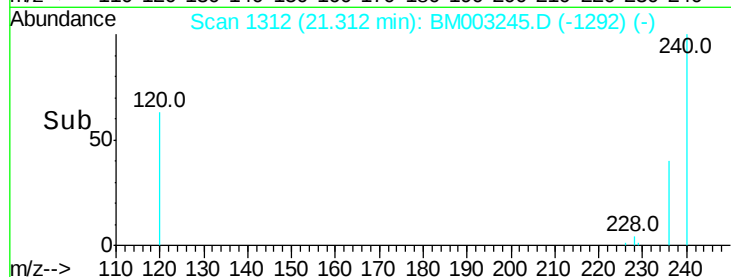
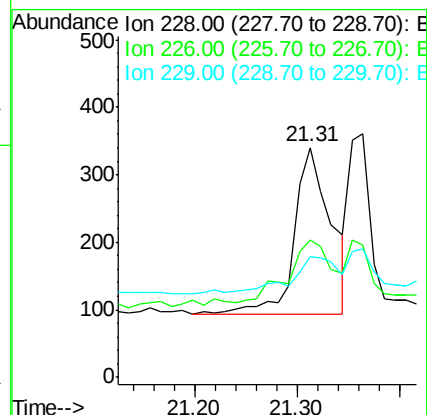
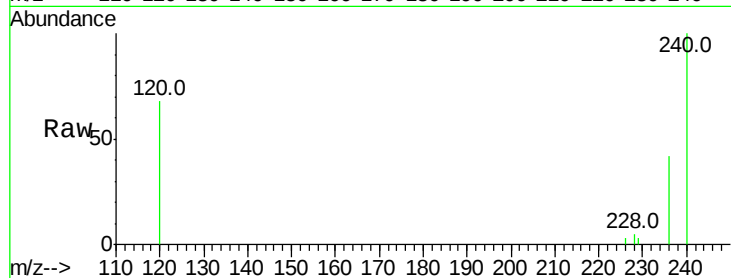
Tot Ion:228 Resp: 622

Ion Ratio Lower Upper

228 100

226 59.7 18.8 28.2#

229 52.4 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.36 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

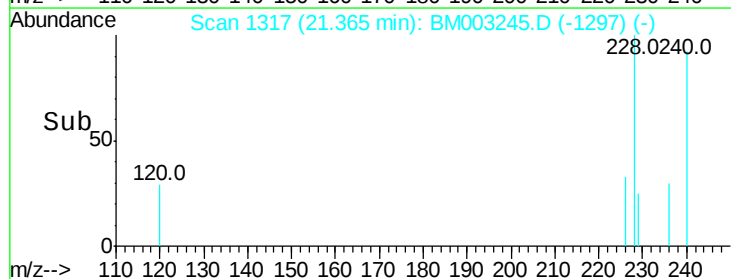
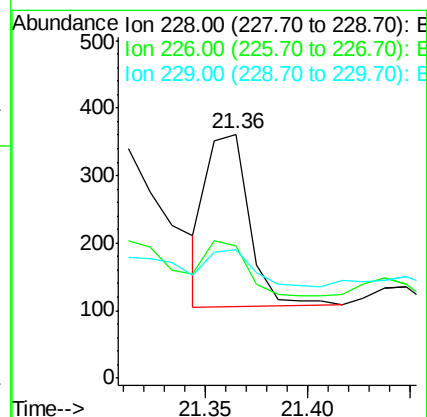
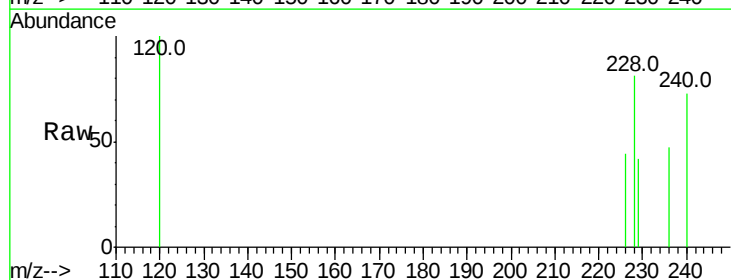
Tgt Ion:228 Resp: 366

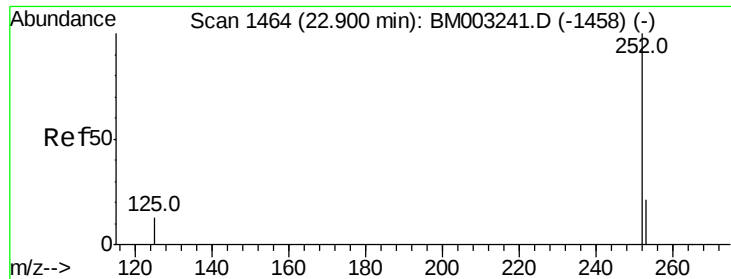
Ion Ratio Lower Upper

228 100

226 54.3 21.2 31.8#

229 52.6 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.75 min Scan# 1450

Delta R.T. -0.15 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

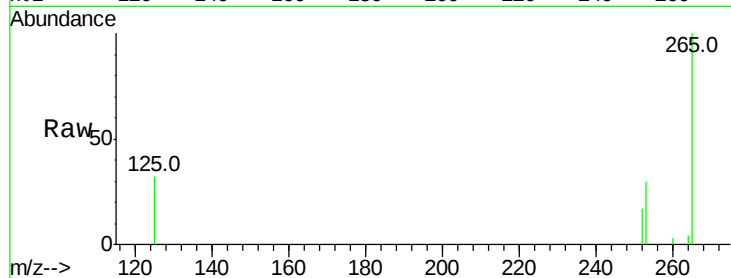
Tot Ion:252 Resp: 48

Ion Ratio Lower Upper

252 100

253 174.8 0.0 45.4#

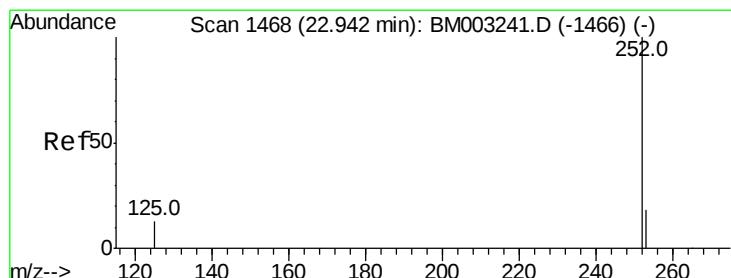
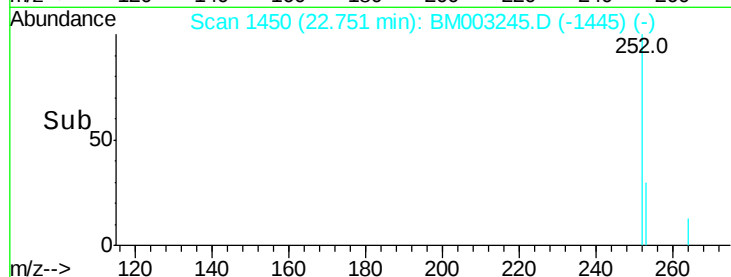
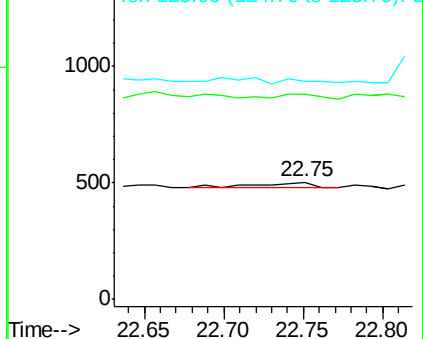
125 186.1 0.0 28.8#



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/u1

RT: 22.83 min Scan# 1458

Delta R.T. -0.11 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

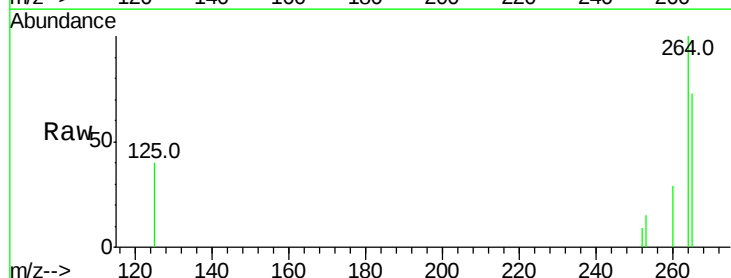
Tgt Ion:252 Resp: 104

Ion Ratio Lower Upper

252 100

253 172.0 19.8 29.8#

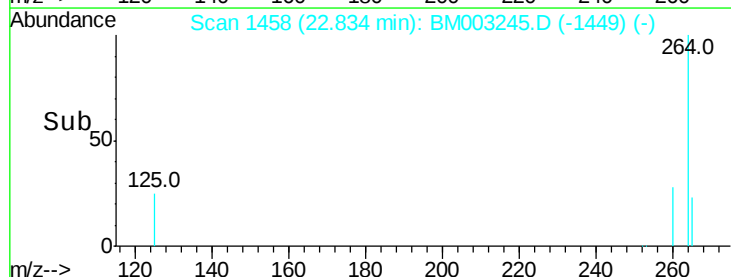
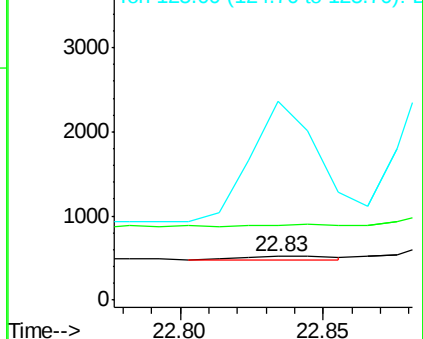
125 456.0 10.4 15.6#

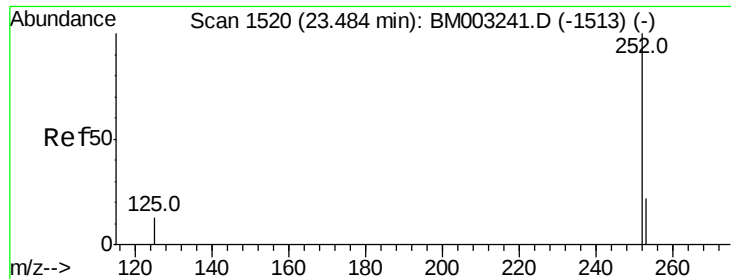


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :

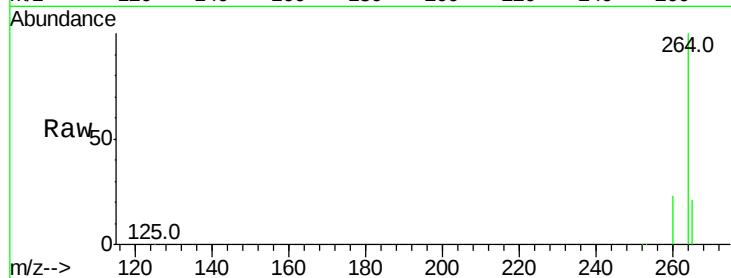
Tot Ion:252 Resp: 12884

Ion Ratio Lower Upper

252 100

253 36.4 19.4 29.2#

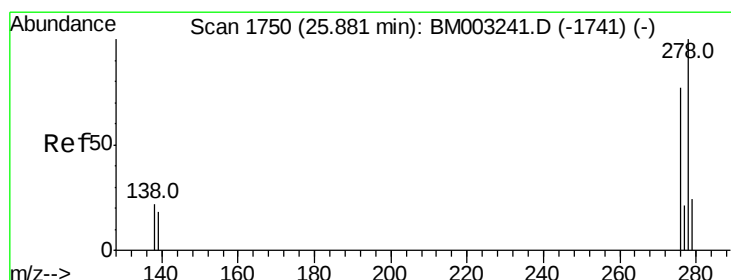
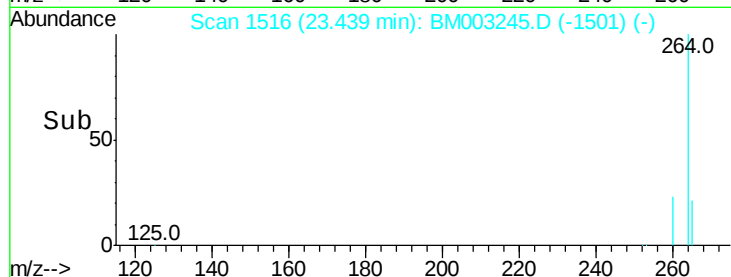
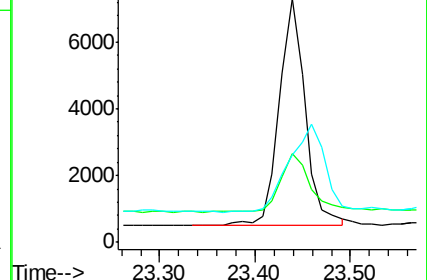
125 36.0 12.7 19.1#



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



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.65 min Scan# 1728

Delta R.T. -0.23 min

Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

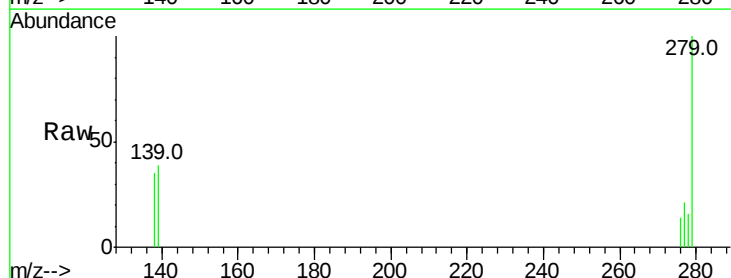
Tgt Ion:278 Resp: 11

Ion Ratio Lower Upper

278 100

139 250.5 16.4 24.6#

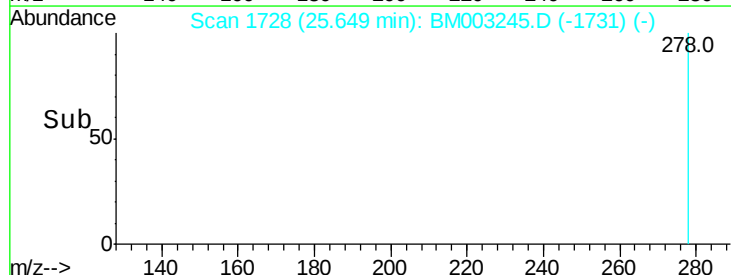
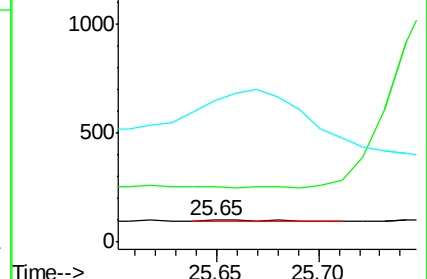
279 637.6 20.2 30.2#

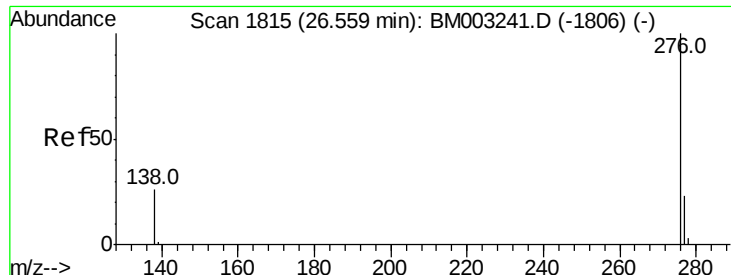


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.40 min Scan# 1800

Delta R.T. -0.16 min

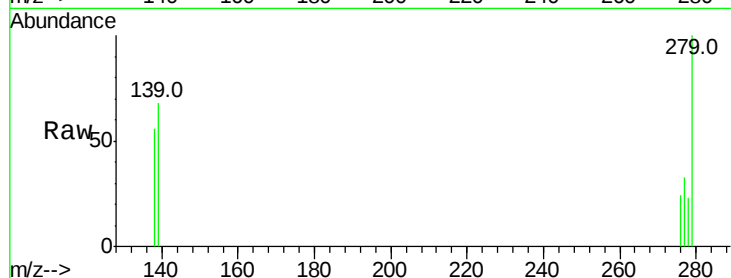
Lab File: BM003245.D

Acq: 21 Nov 2015 12:43

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 276 Resp: 56

Ion Ratio Lower Upper

276 100

277 138.1 18.9 28.3#

138 235.1 22.5 33.7#

