

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000490.D
 Acq On : 11 Feb 2015 23:21
 Operator : TP/IZ
 Sample : G1249-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL4

Quant Time: Feb 12 01:38:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3221	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	11501	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1271657	0.40	ng/ul	0.11
16) Chrysene-d12	21.30	240	13185	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	964189	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	7153	0.46	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

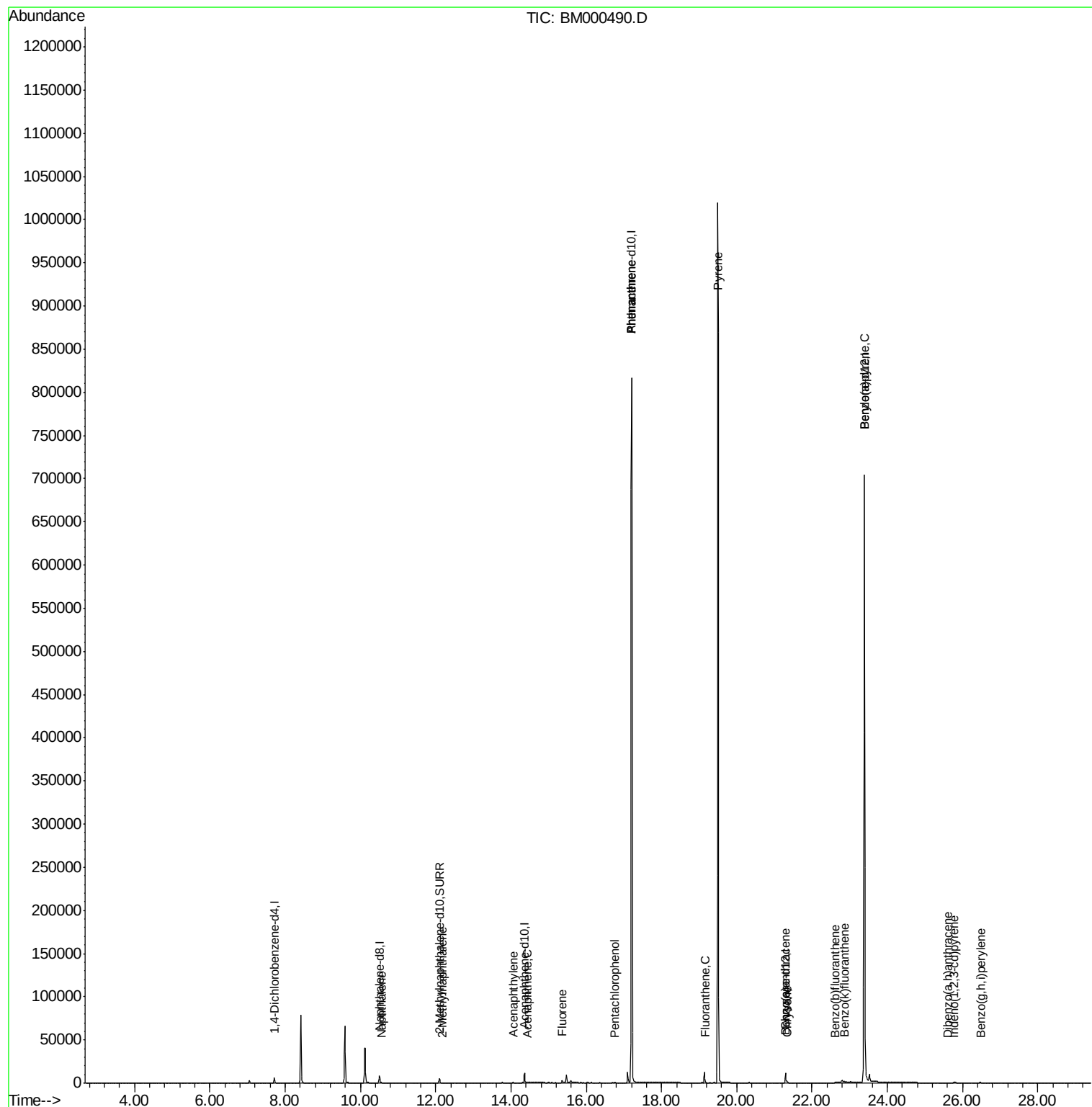
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	156	0.01	ng/ul#	23
5) 2-Methylnaphthalene	12.17	142	50	0.00	ng/ul	93
7) Acenaphthylene	14.05	152	132	0.00	ng/ul#	1
8) Acenaphthene	14.43	153	34	0.00	ng/ul#	67
9) Fluorene	15.35	166	2371	0.08	ng/ul#	18
11) Pentachlorophenol	16.76	266	14	0.00	ng/ul#	1
12) Phenanthrene	17.21	178	833	0.00	ng/ul#	1
13) Anthracene	17.21	178	828	0.00	ng/ul#	1
15) Fluoranthene	19.16	202	594	0.00	ng/ul	72
17) Pyrene	19.50	202	2754	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	840	0.02	ng/ul#	85
19) Chrysene	21.33	228	914	0.02	ng/ul#	87
21) Benzo(b)fluoranthene	22.63	252	674	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	850	0.00	ng/ul#	9
23) Benzo(a)pyrene	23.39	252	4906	0.00	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.78	276	671	0.00	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.60	278	17	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.47	276	512	0.00	ng/ul#	51

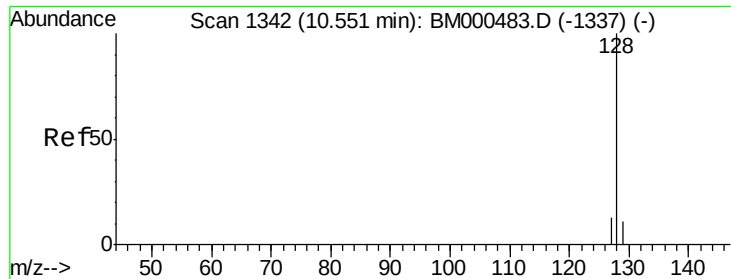
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000490.D
Acq On : 11 Feb 2015 23:21
Operator : TP/IZ
Sample : G1249-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FL4

Quant Time: Feb 12 01:38:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

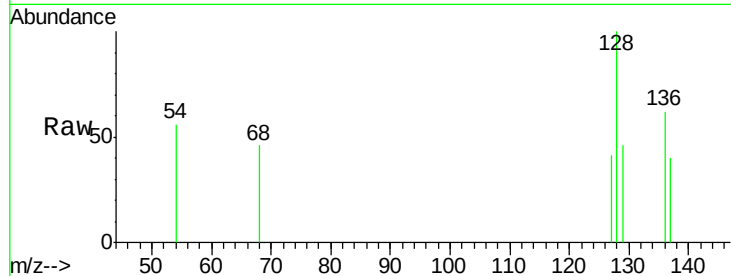
Tgt Ion:128 Resp: 156

Ion Ratio Lower Upper

128 100

129 46.3 9.2 13.8#

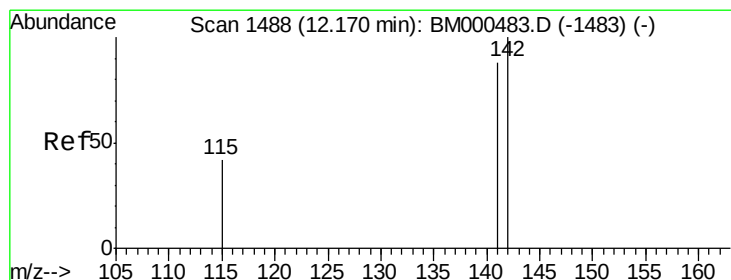
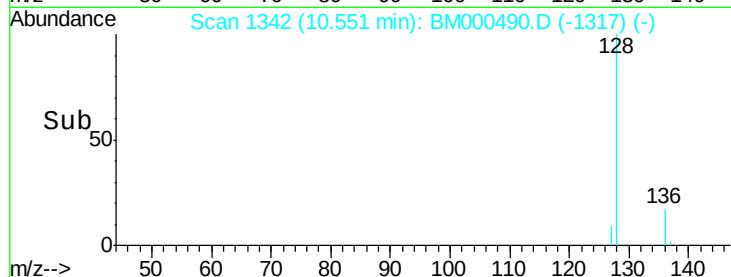
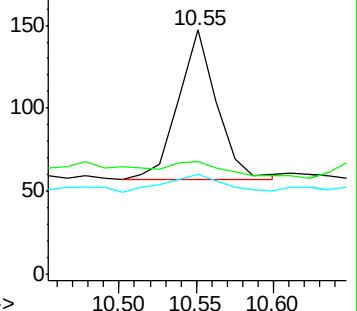
127 40.8 11.2 16.8#



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



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.17 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM000490.D

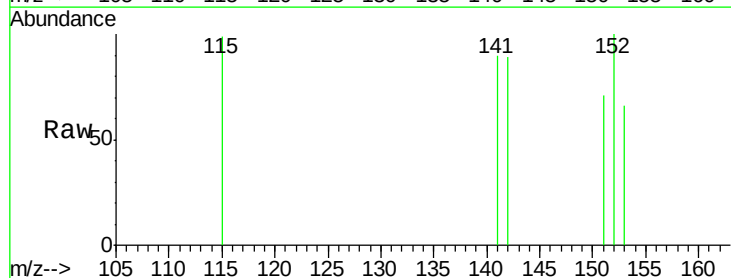
Acq: 11 Feb 2015 23:21

Tgt Ion:142 Resp: 50

Ion Ratio Lower Upper

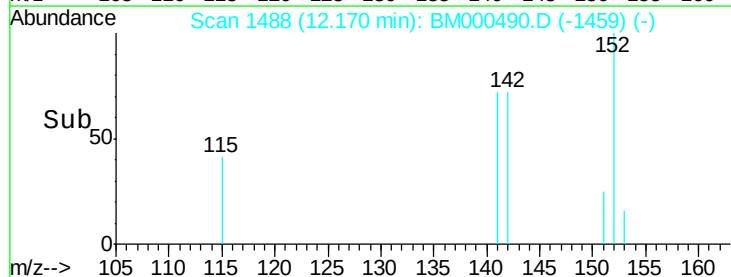
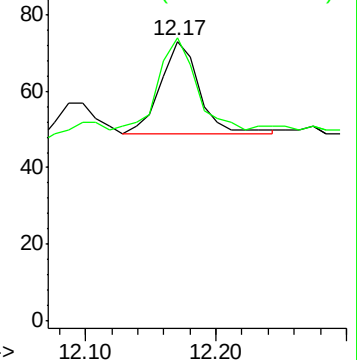
142 100

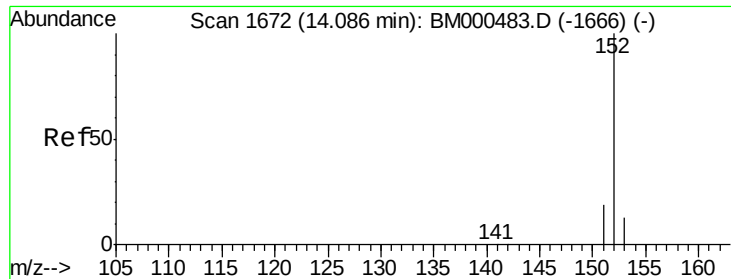
141 94.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. -0.03 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

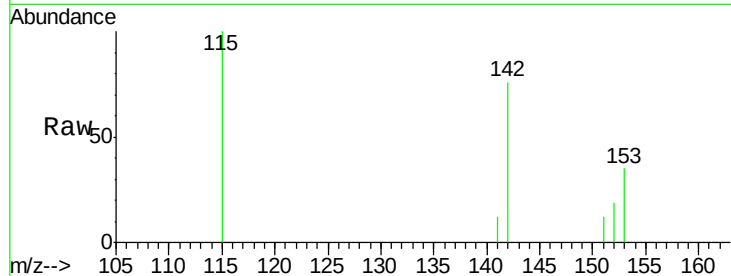
Tgt Ion:152 Resp: 132

Ion Ratio Lower Upper

152 100

151 61.9 16.1 24.1#

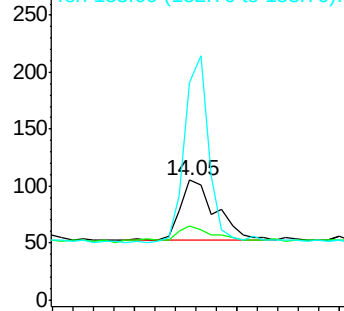
153 181.9 10.6 15.8#



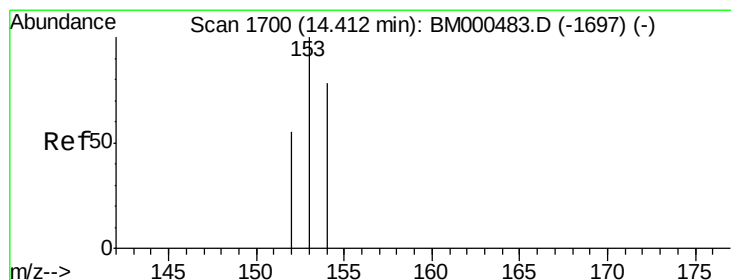
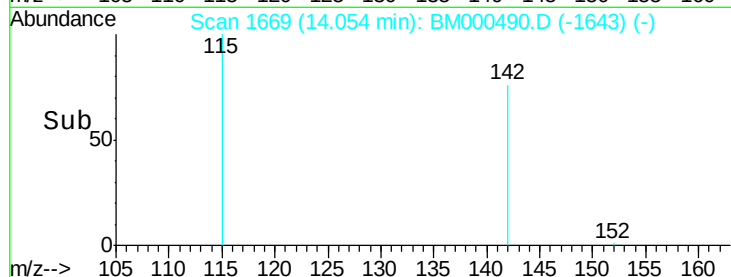
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.02 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

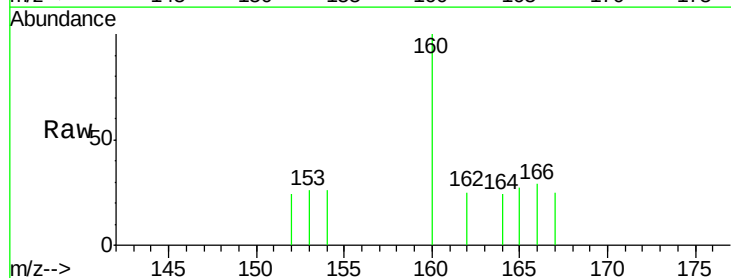
Tgt Ion:153 Resp: 34

Ion Ratio Lower Upper

153 100

152 90.5 45.6 68.4#

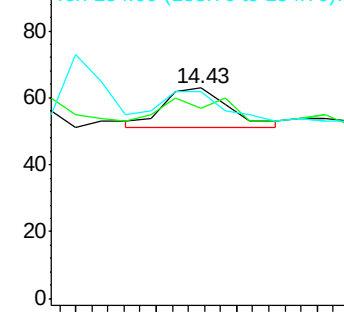
154 98.4 62.5 93.7#



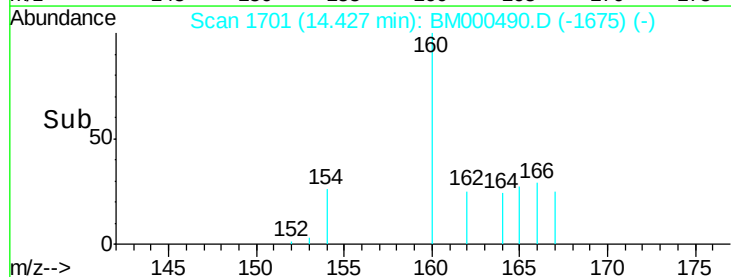
Abundance Ion 153.00 (152.70 to 153.70): E

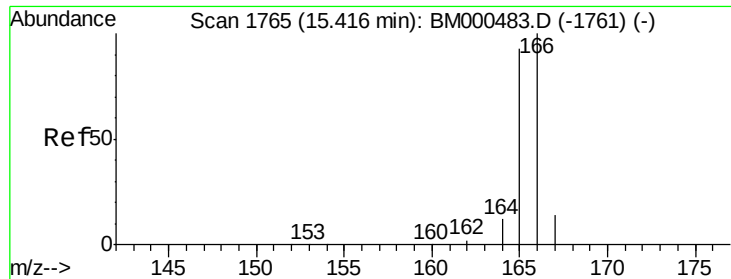
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.35 min Scan# 1761

Delta R.T. -0.06 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

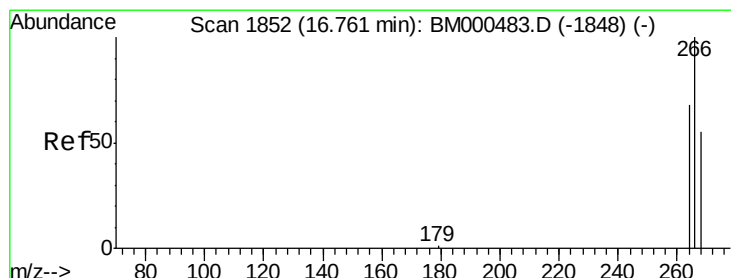
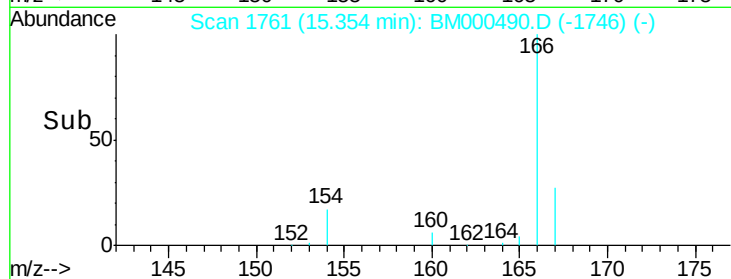
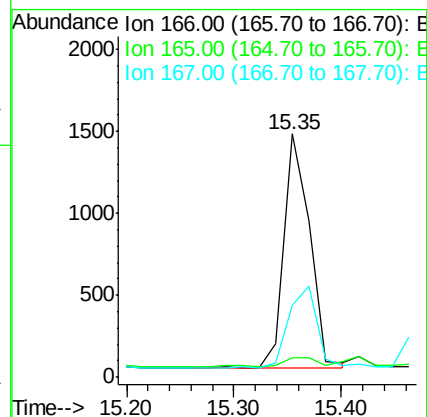
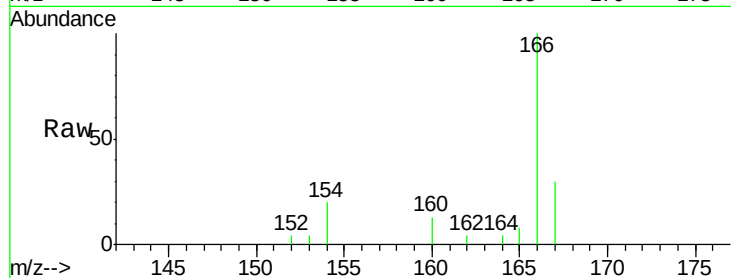
Tgt Ion:166 Resp: 2371

Ion Ratio Lower Upper

166 100

165 8.1 74.4 111.6#

167 29.6 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.76 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

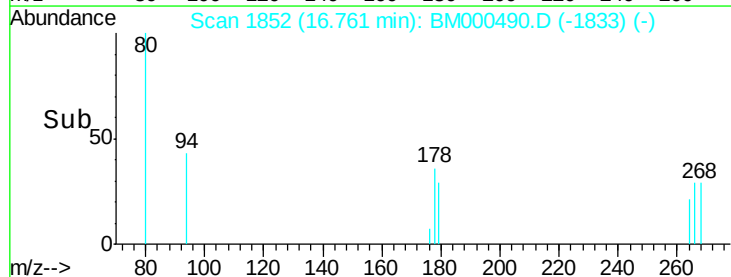
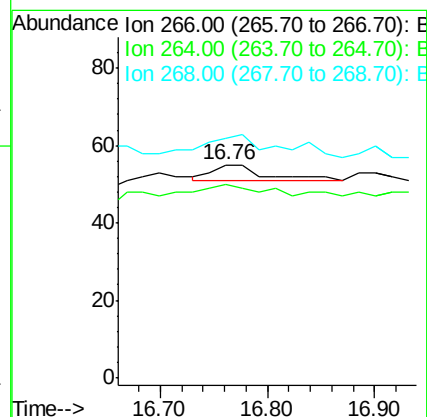
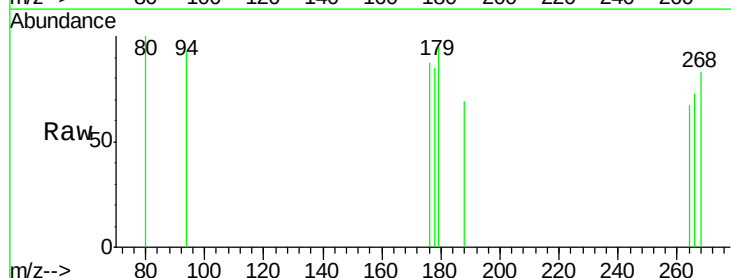
Tgt Ion:266 Resp: 14

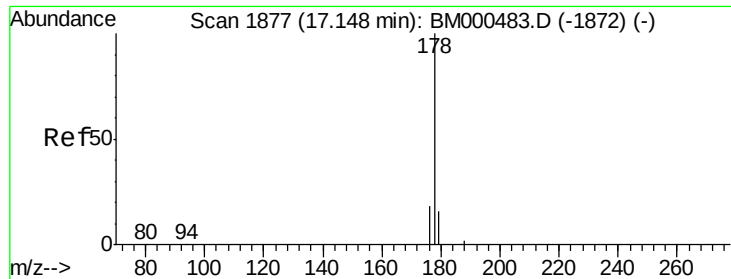
Ion Ratio Lower Upper

266 100

264 85.7 49.8 74.6#

268 207.1 51.2 76.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1881

Delta R.T. 0.06 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

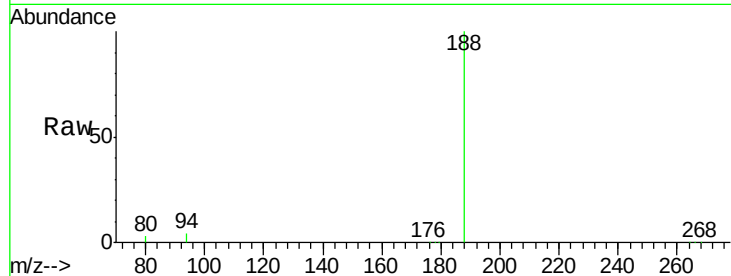
Tgt Ion:178 Resp: 833

Ion Ratio Lower Upper

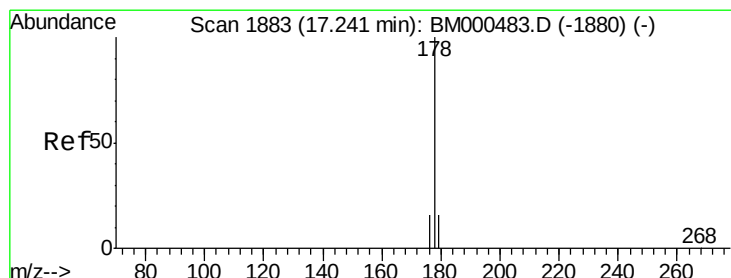
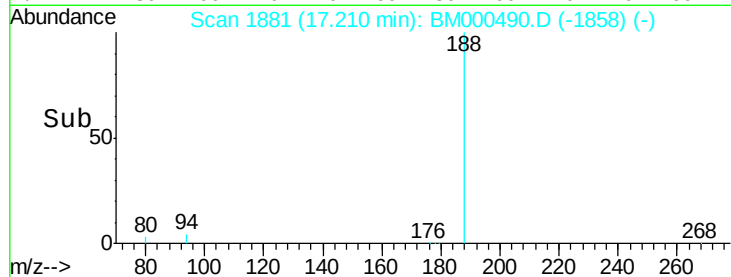
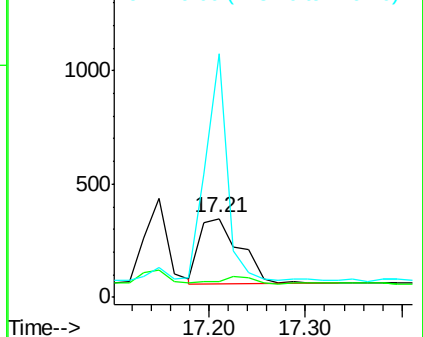
178 100

176 20.1 15.0 22.4

179 308.9 13.0 19.4#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

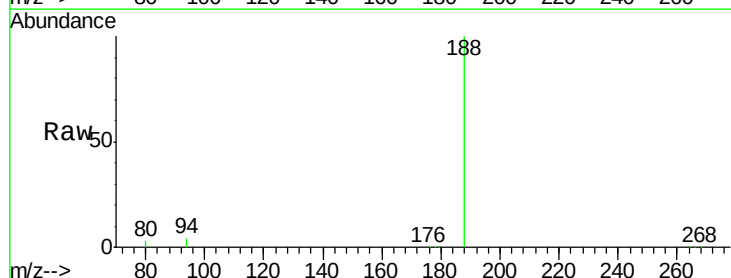
Tgt Ion:178 Resp: 828

Ion Ratio Lower Upper

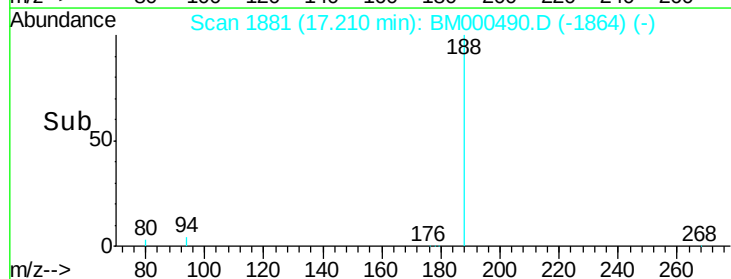
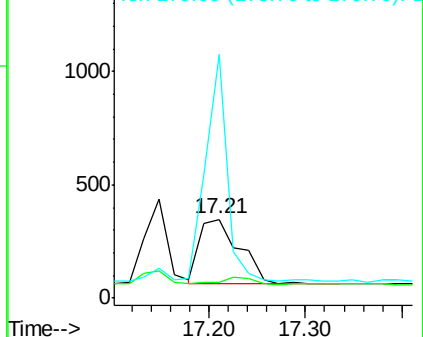
178 100

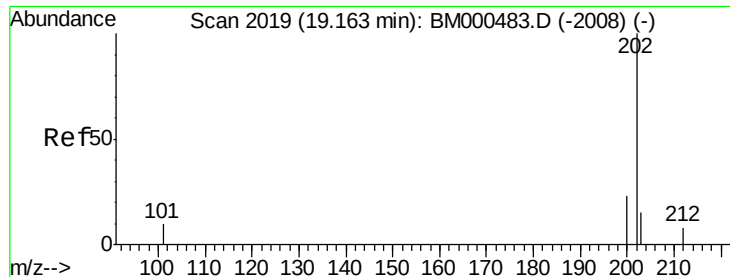
176 20.1 13.9 20.9

179 308.9 13.2 19.8#



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

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.16 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

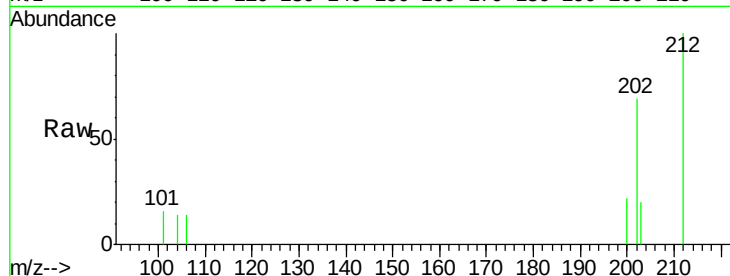
Tgt Ion:202 Resp: 594

Ion Ratio Lower Upper

202 100

101 23.2 0.0 24.6

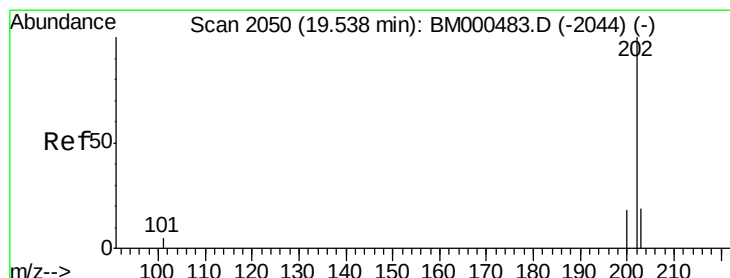
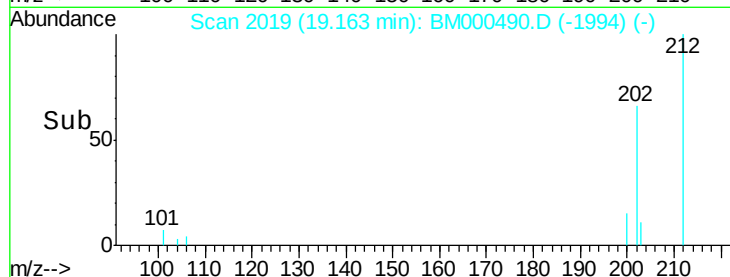
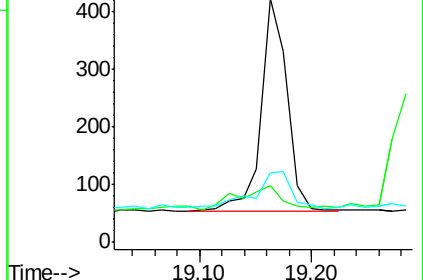
203 28.7 0.0 39.2



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



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.50 min Scan# 2047

Delta R.T. -0.04 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

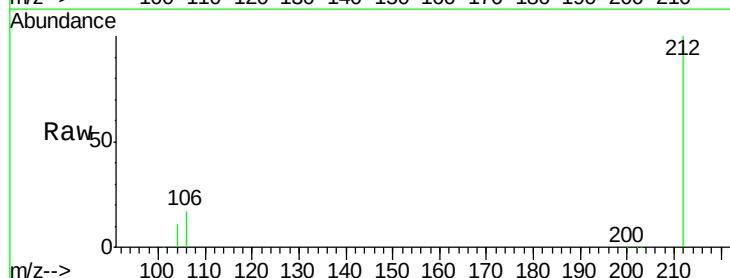
Tgt Ion:202 Resp: 2754

Ion Ratio Lower Upper

202 100

200 6.8 14.9 22.3#

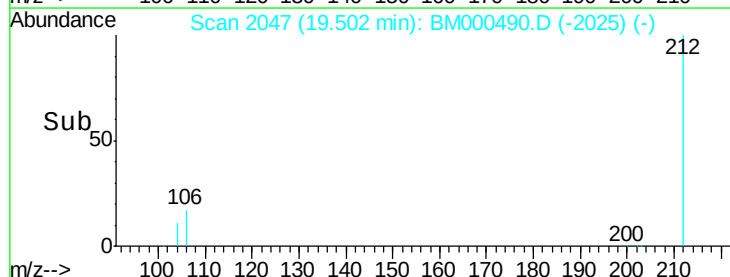
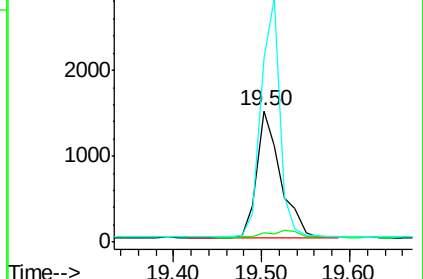
203 139.7 15.4 23.0#

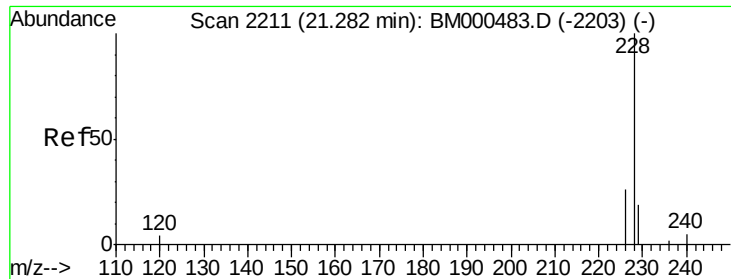


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

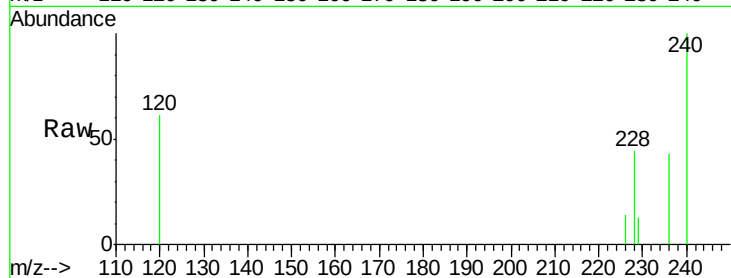
Tgt Ion:228 Resp: 840

Ion Ratio Lower Upper

228 100

226 32.7 21.4 32.0#

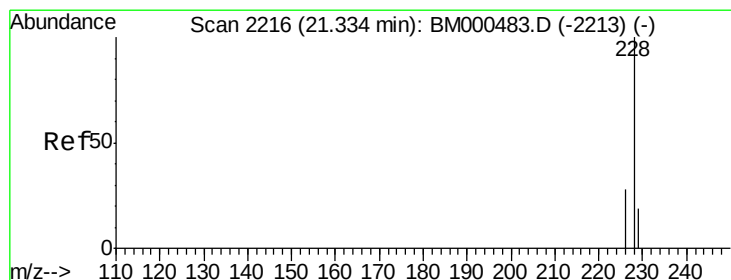
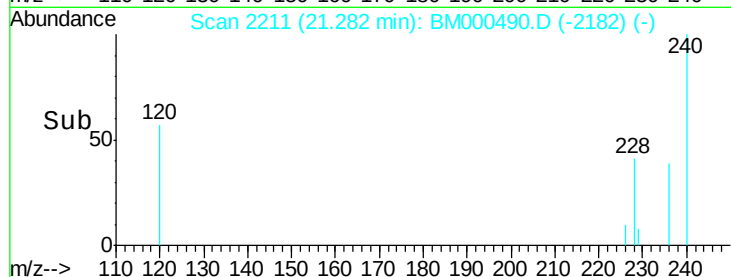
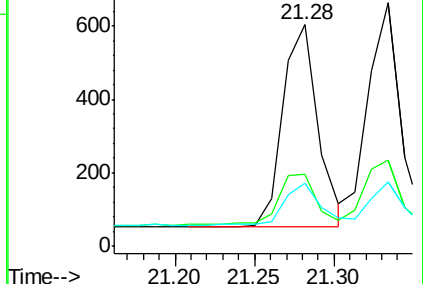
229 28.7 15.6 23.4#



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



#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

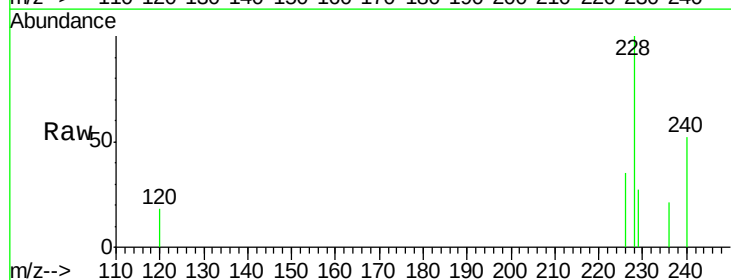
Tgt Ion:228 Resp: 914

Ion Ratio Lower Upper

228 100

226 35.1 23.0 34.6#

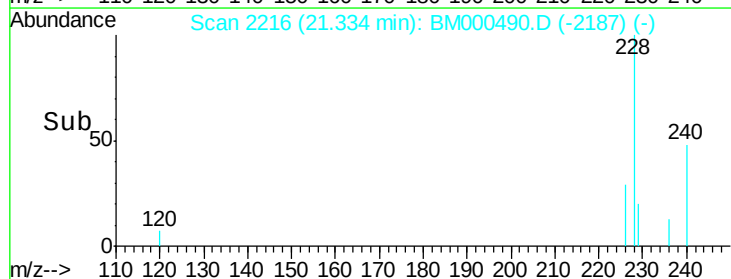
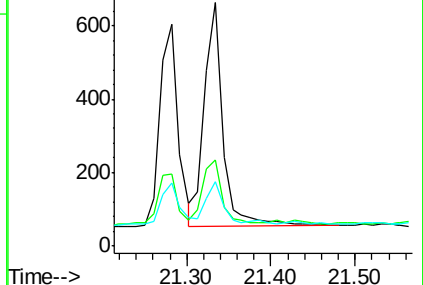
229 26.5 15.9 23.9#

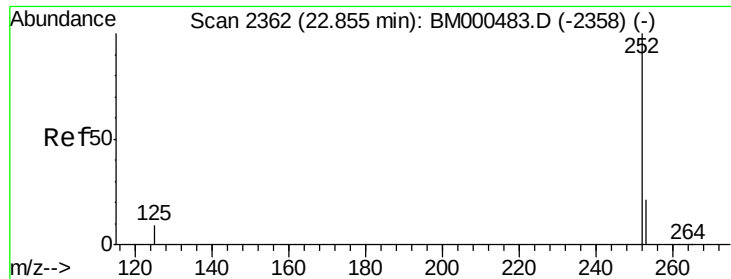


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.63 min Scan# 2340

Delta R.T. -0.23 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

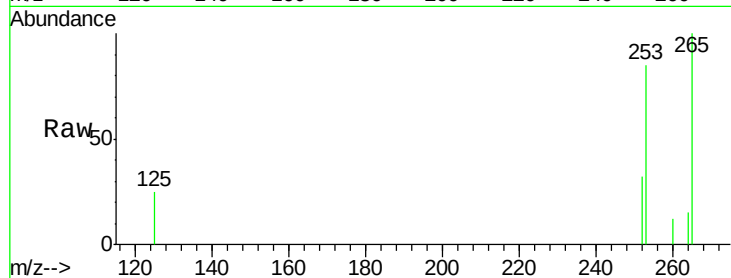
Tgt Ion:252 Resp: 674

Ion Ratio Lower Upper

252 100

253 264.0 0.0 49.0#

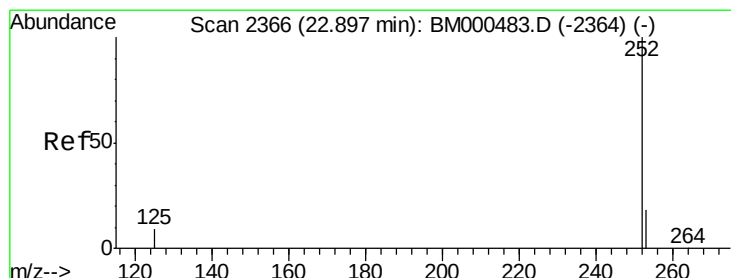
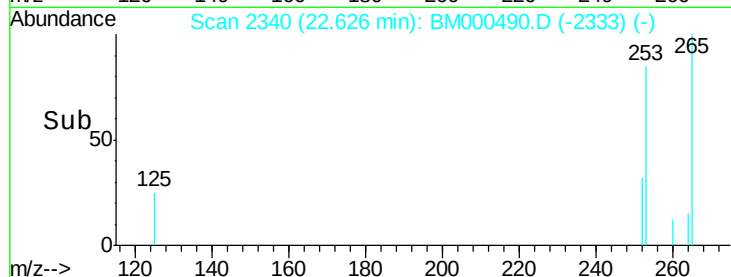
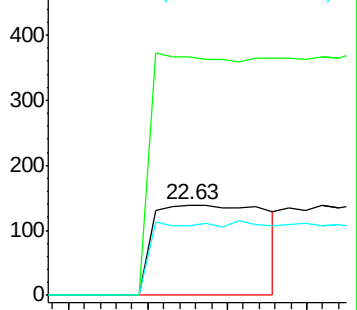
125 77.0 0.0 18.4#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.86 min Scan# 2362

Delta R.T. -0.04 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

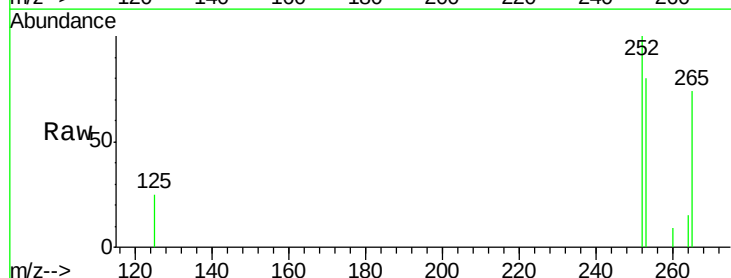
Tgt Ion:252 Resp: 850

Ion Ratio Lower Upper

252 100

253 79.6 19.8 29.6#

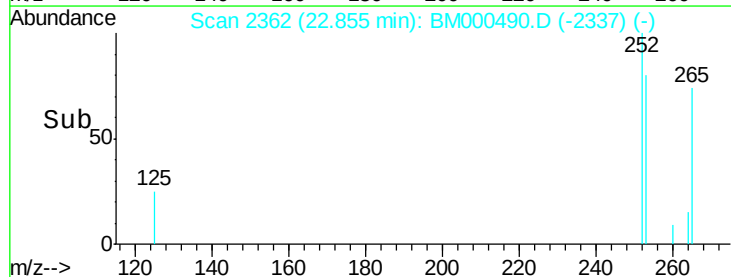
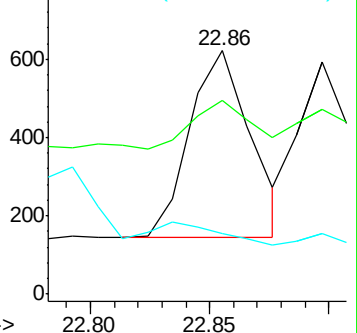
125 24.9 7.6 11.4#

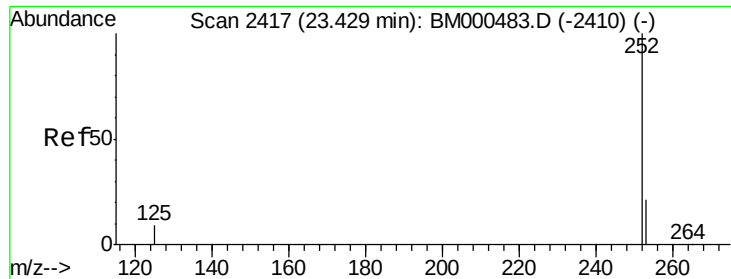


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.39 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

Instrument :

BNA_M

ClientSampleId :

A4FL4

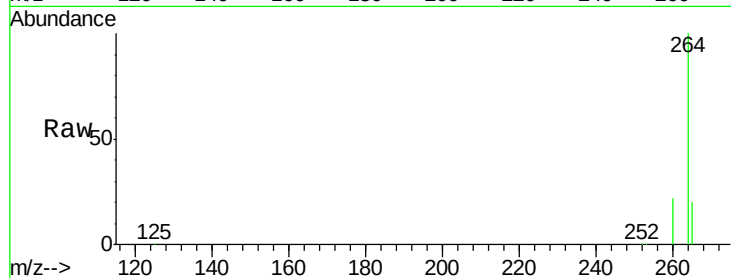
Tgt Ion: 252 Resp: 4906

Ion Ratio Lower Upper

252 100

253 49.9 21.2 31.8#

125 34.1 8.4 12.6#

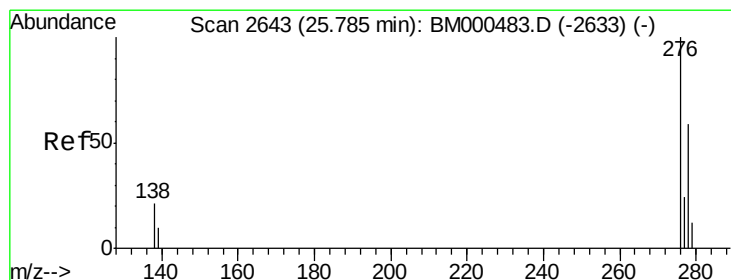
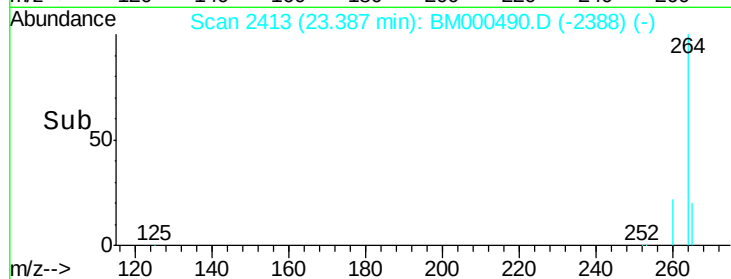
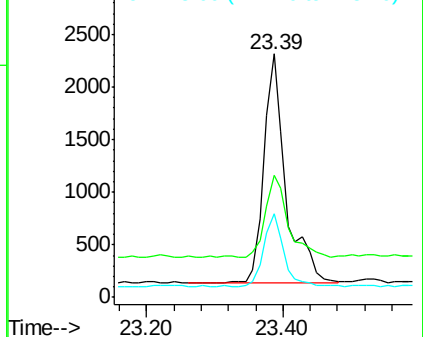


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.78 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BM000490.D

Acq: 11 Feb 2015 23:21

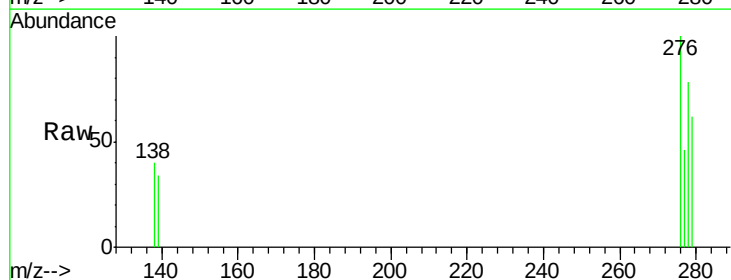
Tgt Ion: 276 Resp: 671

Ion Ratio Lower Upper

276 100

138 25.5 16.3 24.5#

277 26.5 20.0 30.0

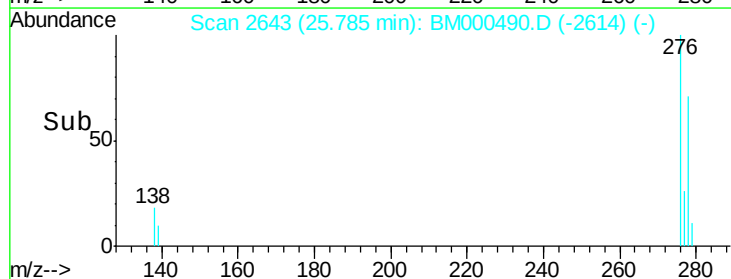
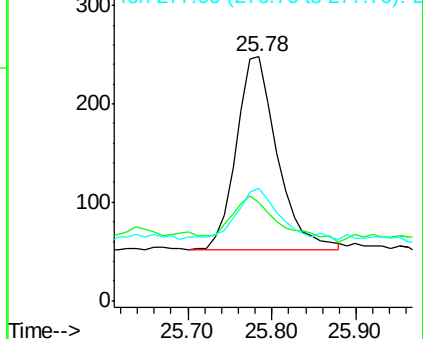


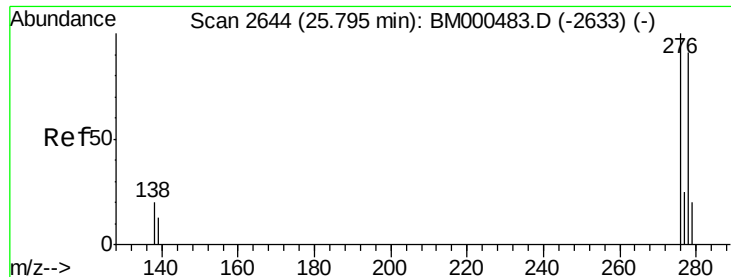
Abundance

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

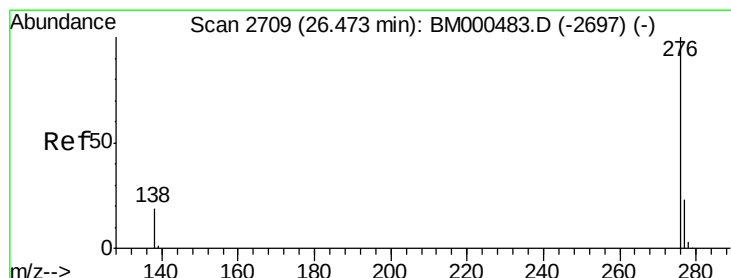
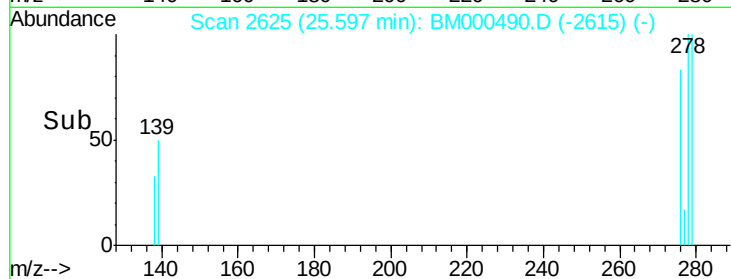
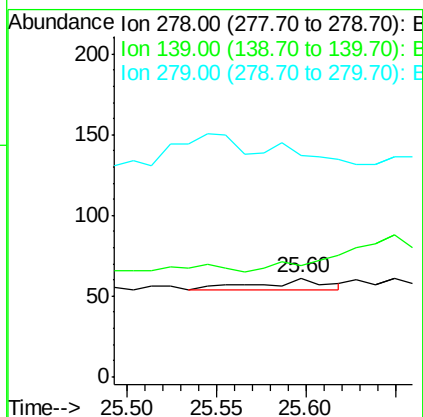
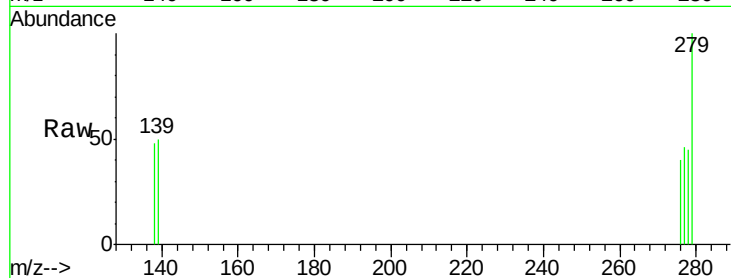




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.60 min Scan# 2625
Delta R.T. -0.20 min
Lab File: BM000490.D
Acq: 11 Feb 2015 23:21

Instrument :
BNA_M
ClientSampleId :
A4FL4

Tgt Ion: 278 Resp: 17
Ion Ratio Lower Upper
278 100
139 113.1 13.4 20.0#
279 224.6 21.3 31.9#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.47 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BM000490.D
Acq: 11 Feb 2015 23:21

Tgt Ion: 276 Resp: 512
Ion Ratio Lower Upper
276 100
277 48.5 20.2 30.4#
138 44.7 16.0 24.0#

