

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000486.D
 Acq On : 11 Feb 2015 20:59
 Operator : TP/IZ
 Sample : G1249-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL2

Quant Time: Feb 12 00:08:30 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	2638	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	9562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	6750	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1141217	0.40	ng/ul	0.11
16) Chrysene-d12	21.30	240	12572	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	1026962	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	5762	0.45	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

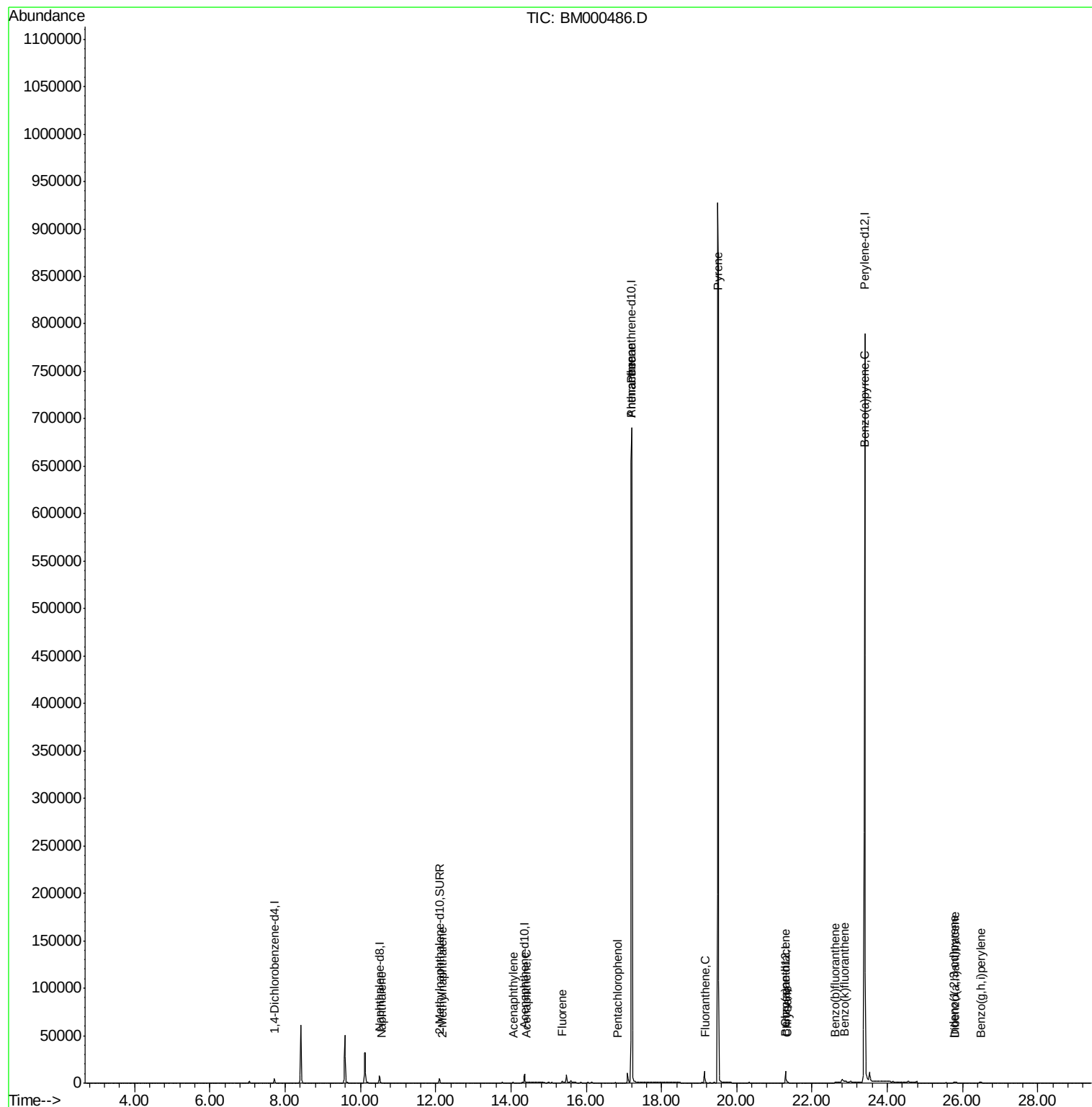
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	130	0.01	ng/ul#	1
5) 2-Methylnaphthalene	12.17	142	47	0.00	ng/ul	90
7) Acenaphthylene	14.05	152	143	0.01	ng/ul#	1
8) Acenaphthene	14.41	153	28	0.00	ng/ul#	54
9) Fluorene	15.35	166	2012	0.08	ng/ul#	19
11) Pentachlorophenol	16.84	266	4	0.00	ng/ul#	50
12) Phenanthrene	17.19	178	946	0.00	ng/ul#	1
13) Anthracene	17.19	178	946	0.00	ng/ul#	1
15) Fluoranthene	19.16	202	609	0.00	ng/ul	68
17) Pyrene	19.50	202	2723	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	1122	0.03	ng/ul#	90
19) Chrysene	21.33	228	1068	0.03	ng/ul#	87
21) Benzo(b)fluoranthene	22.62	252	379	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	1158	0.00	ng/ul#	21
23) Benzo(a)pyrene	23.39	252	5428	0.00	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	25.78	276	1065	0.00	ng/ul	97
25) Dibenzo(a,h)anthracene	25.79	278	800	0.00	ng/ul#	32
26) Benzo(g,h,i)perylene	26.47	276	876	0.00	ng/ul#	68

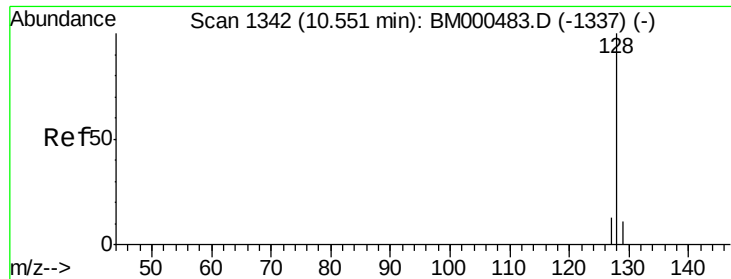
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

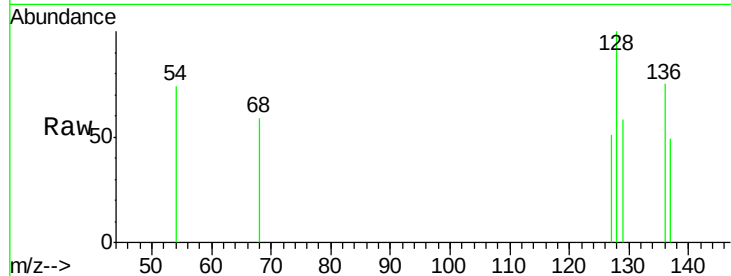
Tgt Ion:128 Resp: 130

Ion Ratio Lower Upper

128 100

129 58.4 9.2 13.8#

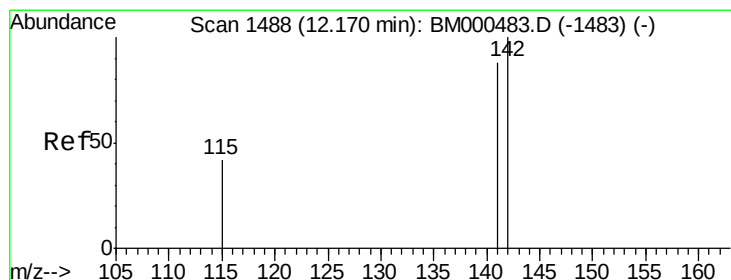
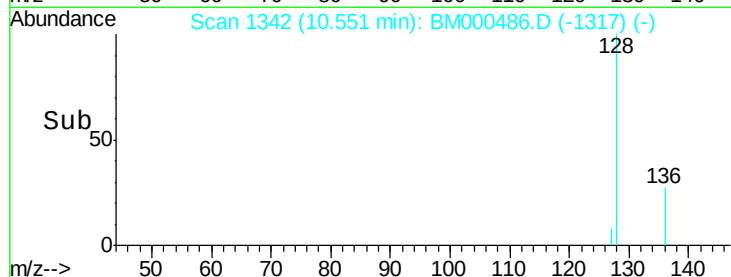
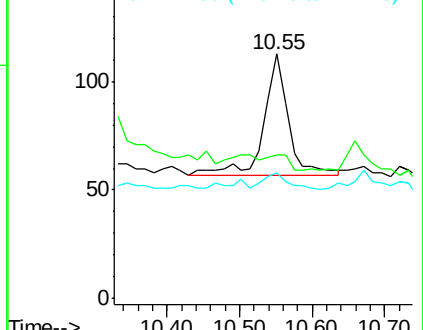
127 51.3 11.2 16.8#



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: BM000486.D

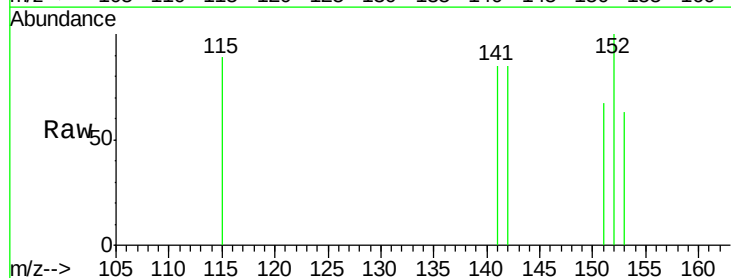
Acq: 11 Feb 2015 20:59

Tgt Ion:142 Resp: 47

Ion Ratio Lower Upper

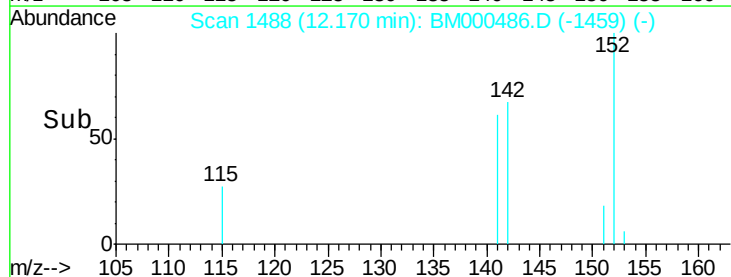
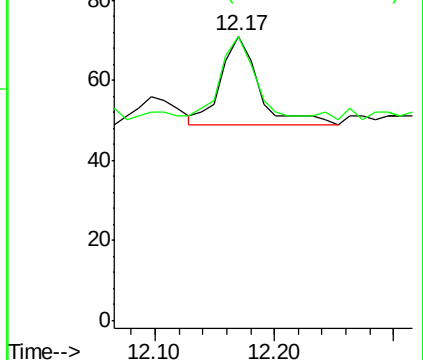
142 100

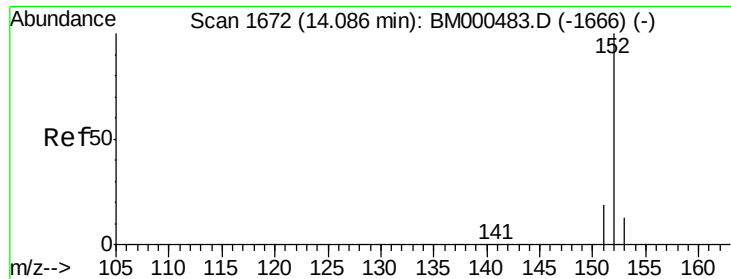
141 78.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. -0.03 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

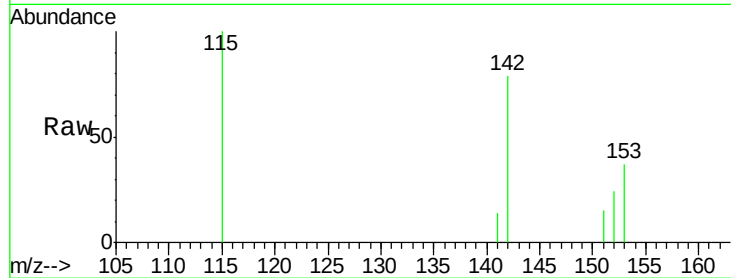
Tgt Ion:152 Resp: 143

Ion Ratio Lower Upper

152 100

151 62.0 16.1 24.1#

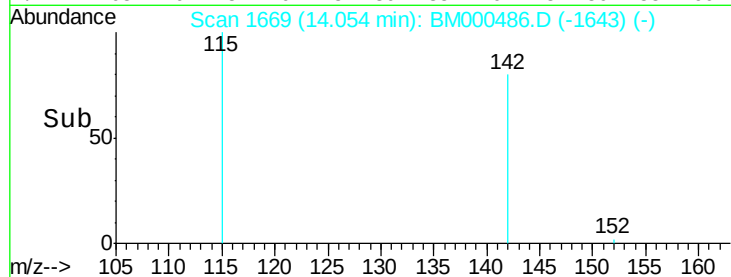
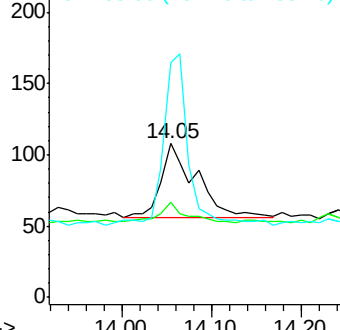
153 152.8 10.6 15.8#



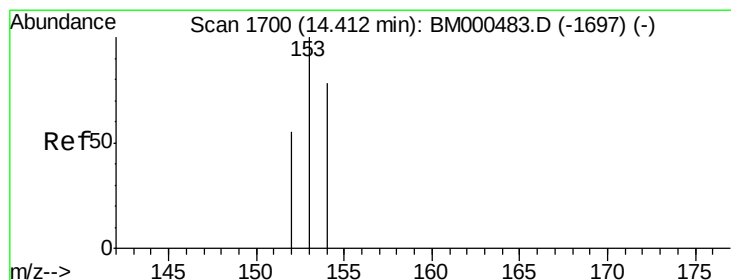
Abundance Ion 152.00 (151.70 to 152.70): E

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: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

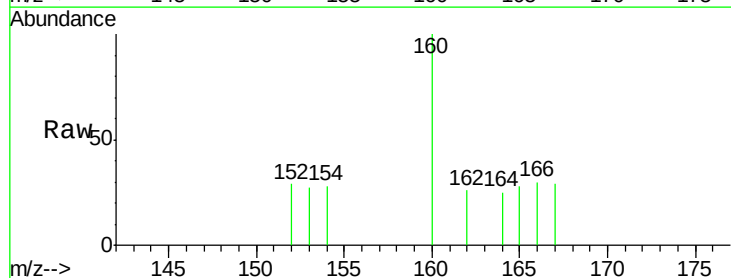
Tgt Ion:153 Resp: 28

Ion Ratio Lower Upper

153 100

152 108.2 45.6 68.4#

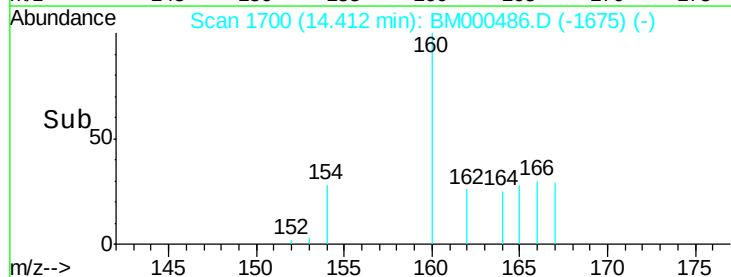
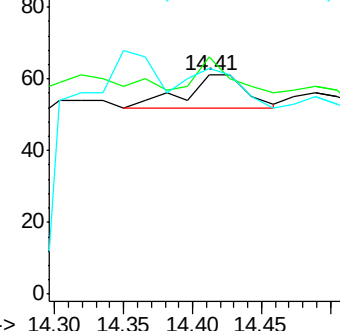
154 103.3 62.5 93.7#

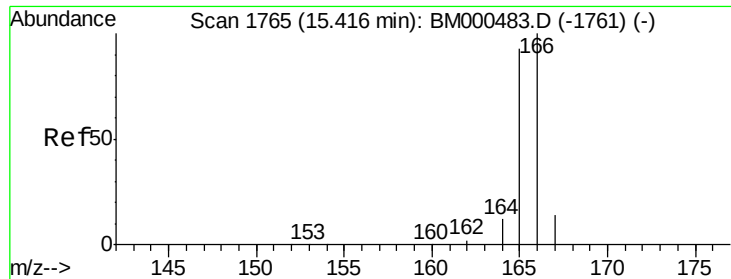


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

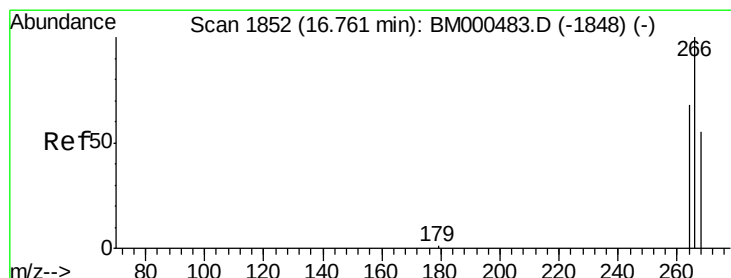
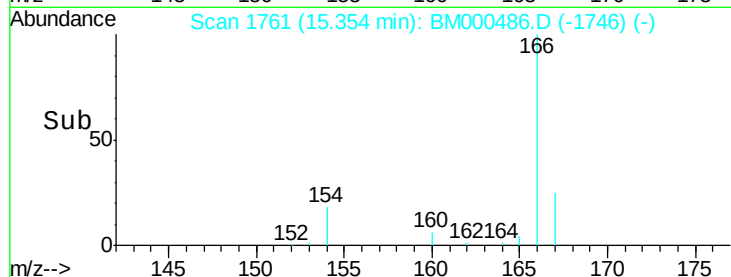
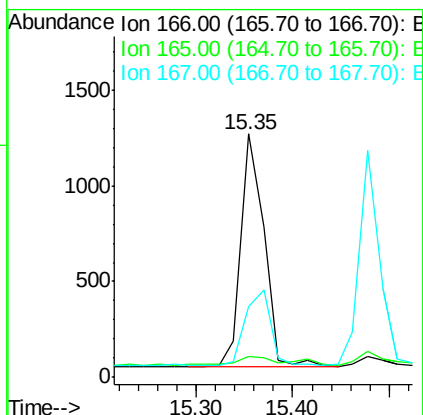
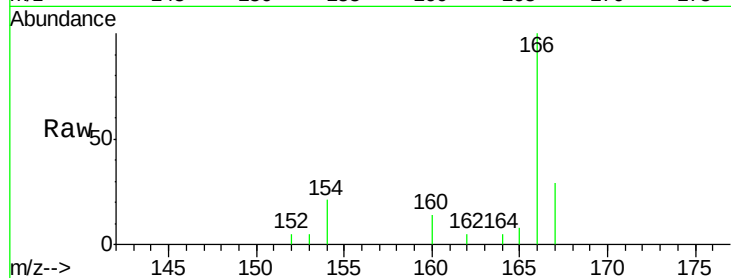




#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.35 min Scan# 1761
 Delta R.T. -0.06 min
 Lab File: BM000486.D
 Acq: 11 Feb 2015 20:59

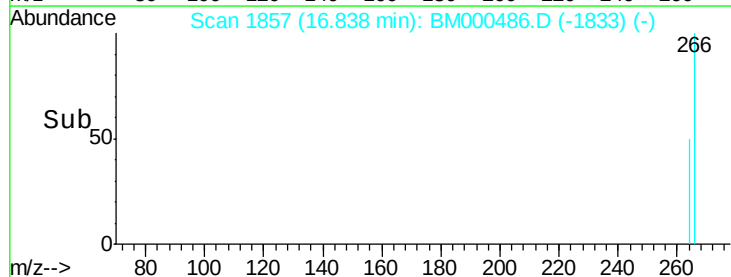
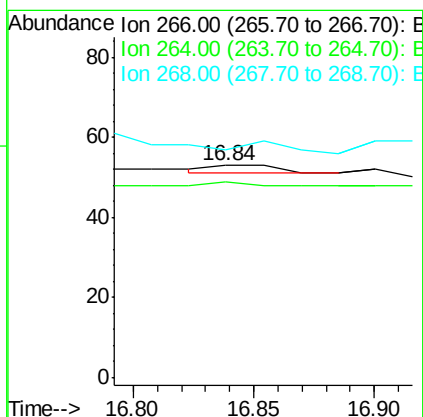
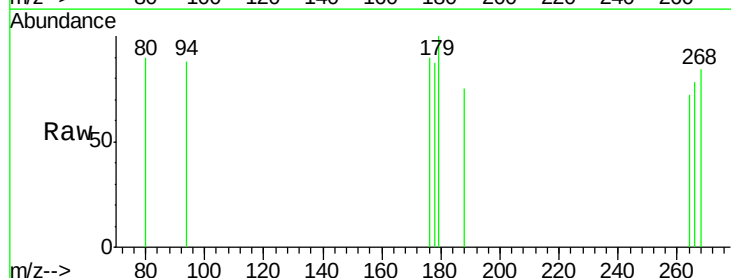
Instrument :
 BNA_M
 ClientSampleId :
 A4FL2

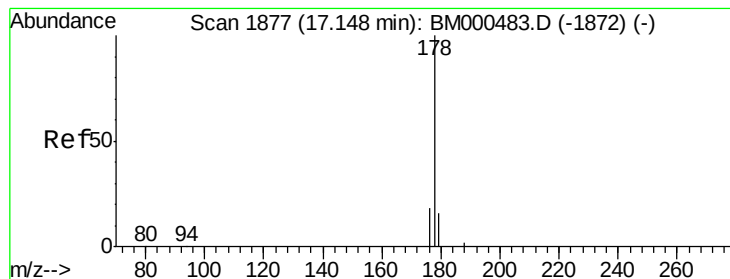
Tgt Ion:166 Resp: 2012
 Ion Ratio Lower Upper
 166 100
 165 8.5 74.4 111.6#
 167 29.2 11.3 16.9#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.84 min Scan# 1857
 Delta R.T. 0.08 min
 Lab File: BM000486.D
 Acq: 11 Feb 2015 20:59

Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 75.0 49.8 74.6#
 268 0.0 51.2 76.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1880

Delta R.T. 0.05 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

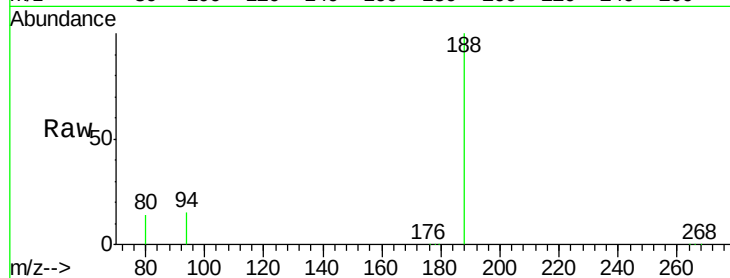
Tgt Ion:178 Resp: 946

Ion Ratio Lower Upper

178 100

176 22.2 15.0 22.4

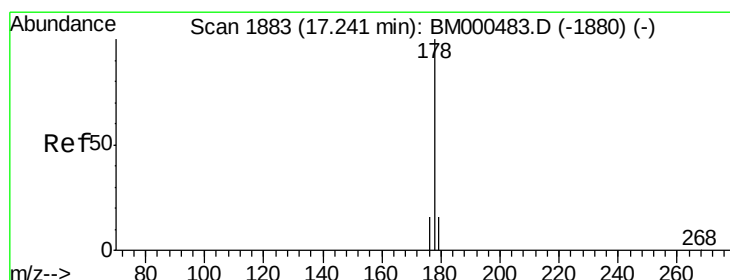
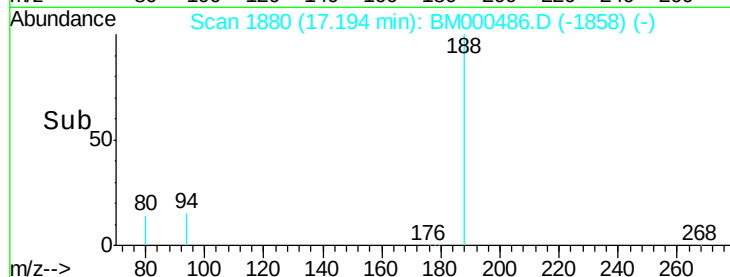
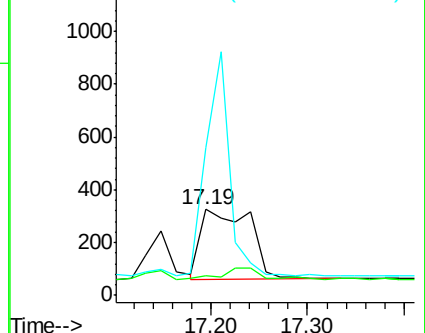
179 171.9 13.0 19.4#



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: 17.19 min Scan# 1880

Delta R.T. -0.05 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

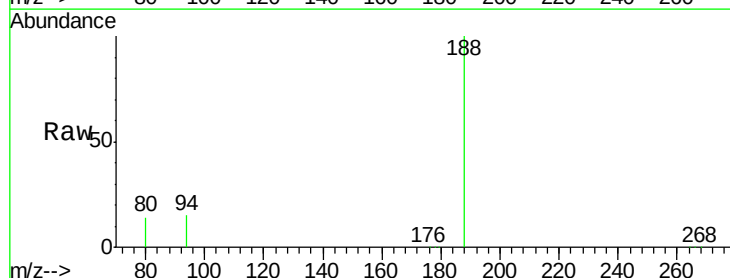
Tgt Ion:178 Resp: 946

Ion Ratio Lower Upper

178 100

176 22.2 13.9 20.9#

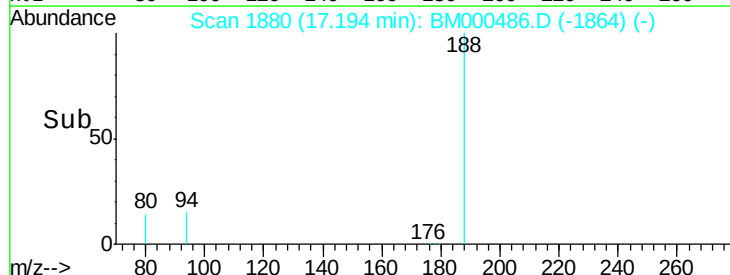
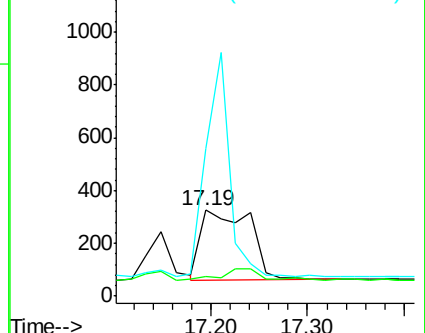
179 171.9 13.2 19.8#

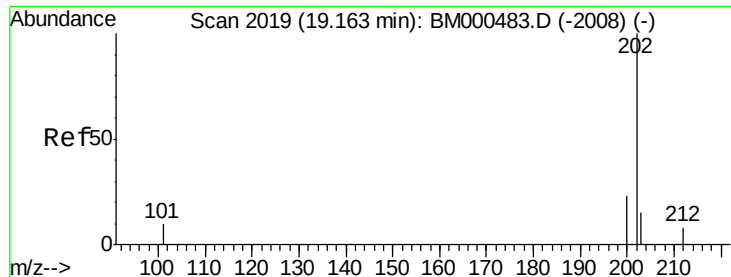


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

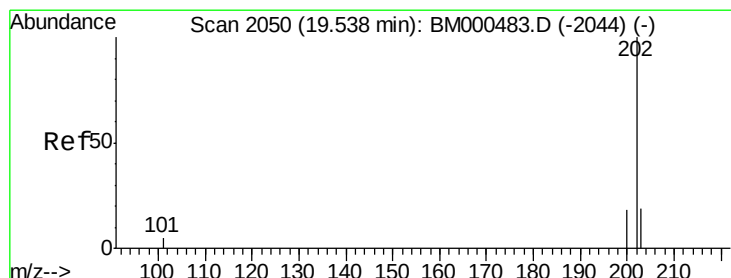
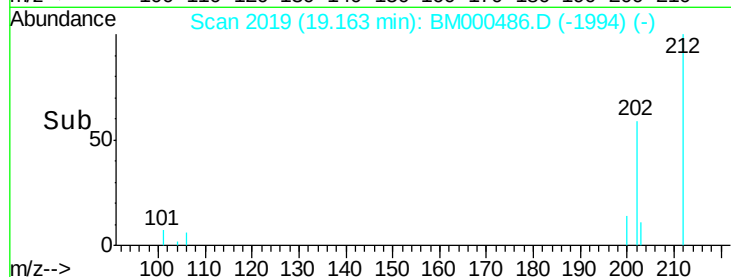
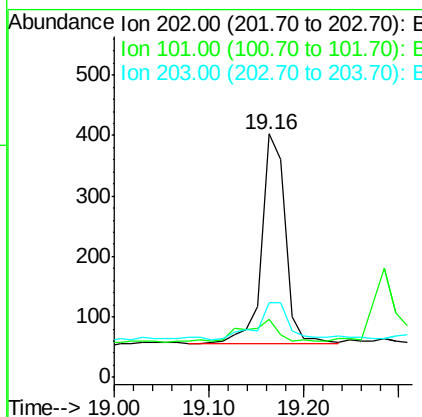
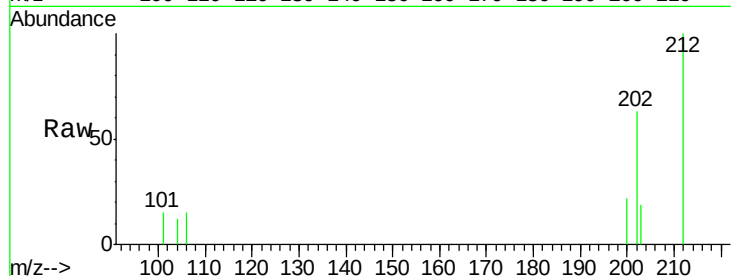




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.16 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM000486.D
Acq: 11 Feb 2015 20:59

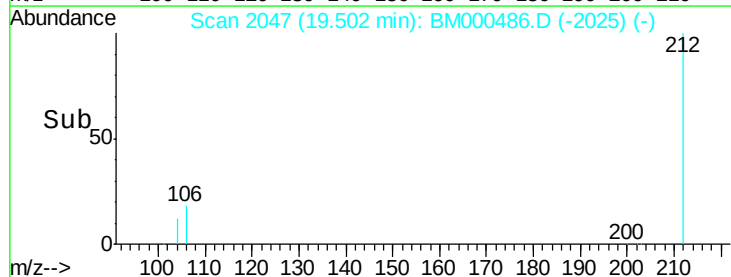
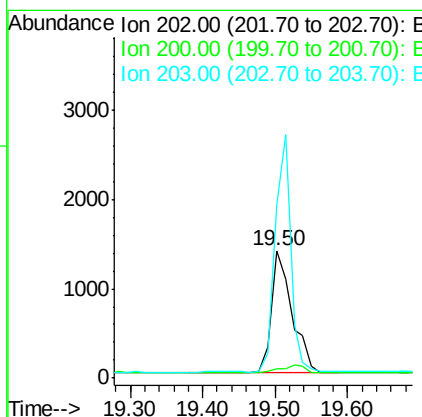
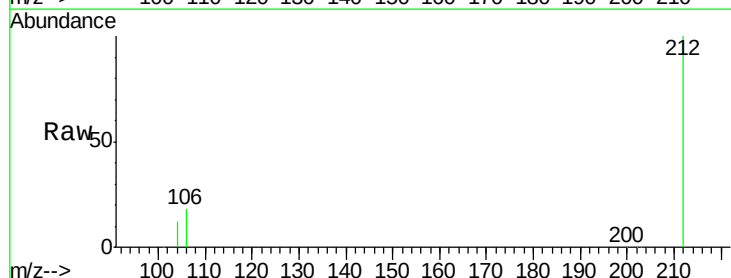
Instrument :
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A4FL2

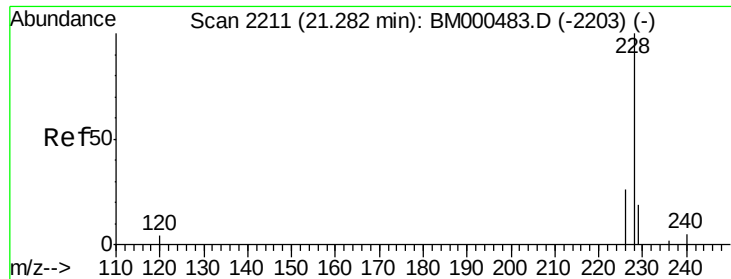
Tgt Ion:202 Resp: 609
Ion Ratio Lower Upper
202 100
101 24.1 0.0 24.6
203 30.5 0.0 39.2



#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.50 min Scan# 2047
Delta R.T. -0.04 min
Lab File: BM000486.D
Acq: 11 Feb 2015 20:59

Tgt Ion:202 Resp: 2723
Ion Ratio Lower Upper
202 100
200 7.3 14.9 22.3#
203 135.6 15.4 23.0#





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

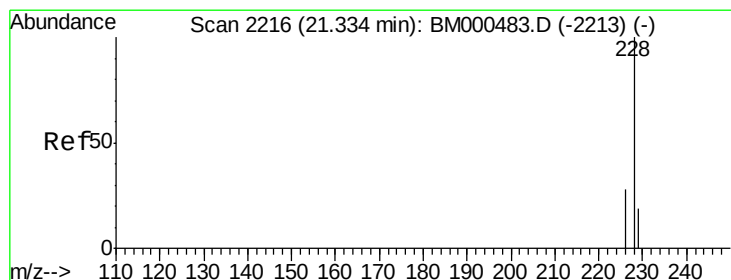
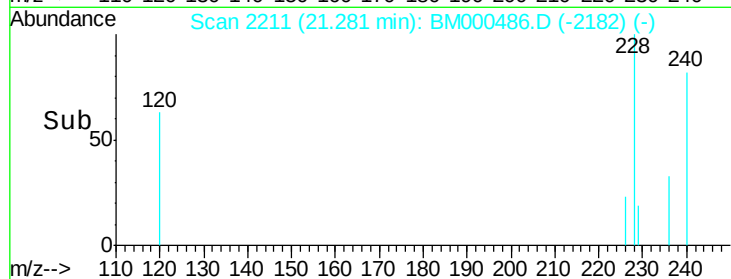
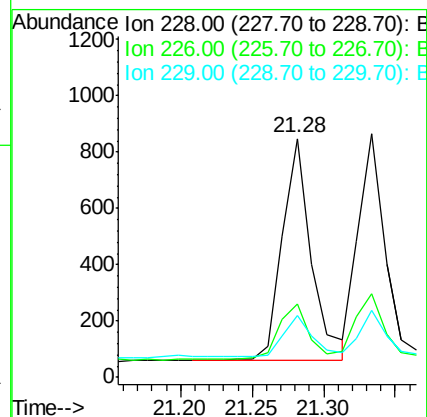
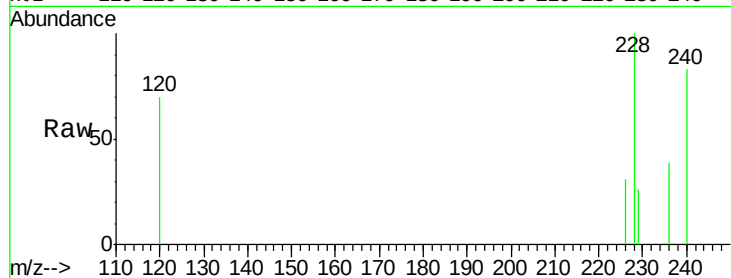
Tgt Ion:228 Resp: 1122

Ion Ratio Lower Upper

228 100

226 30.6 21.4 32.0

229 25.9 15.6 23.4#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

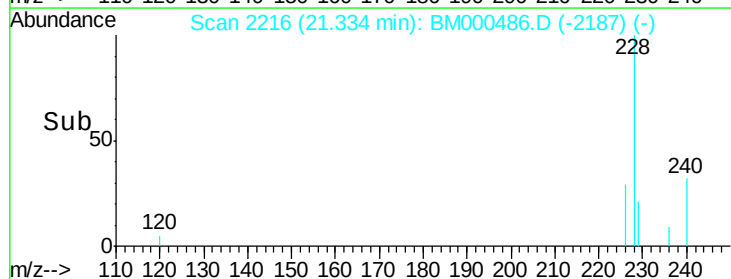
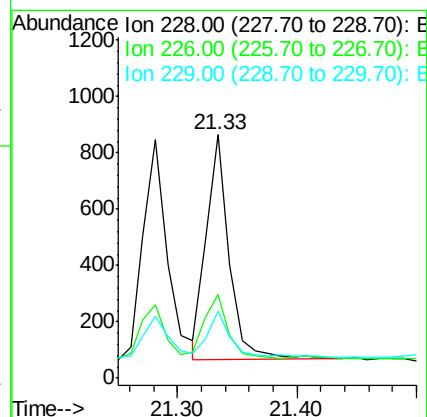
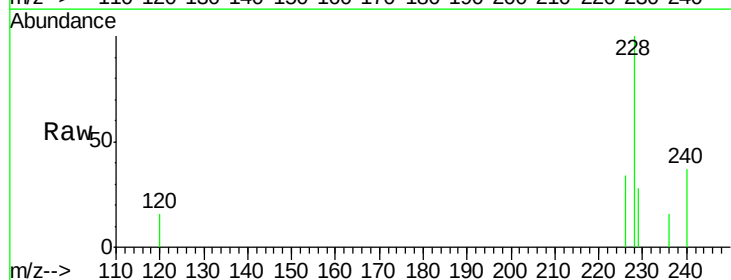
Tgt Ion:228 Resp: 1068

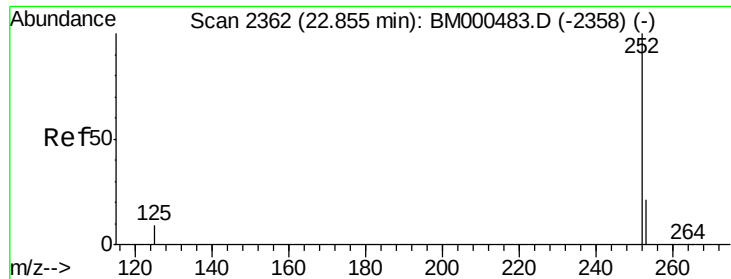
Ion Ratio Lower Upper

228 100

226 34.1 23.0 34.6

229 27.5 15.9 23.9#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.62 min Scan# 2339

Delta R.T. -0.24 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

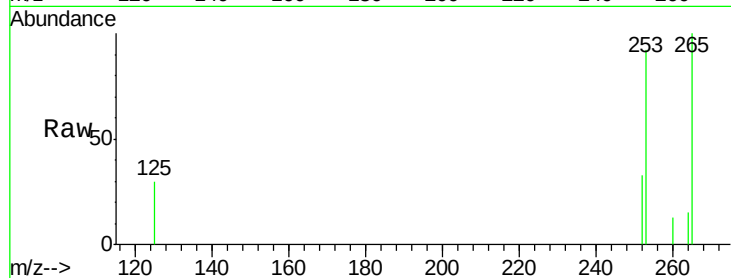
Tgt Ion:252 Resp: 379

Ion Ratio Lower Upper

252 100

253 279.2 0.0 49.0#

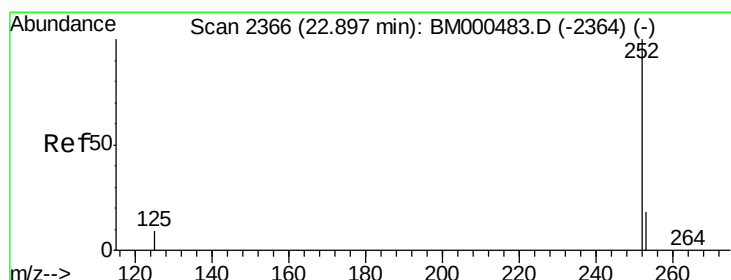
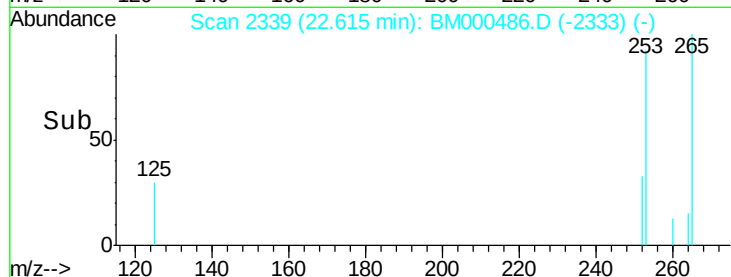
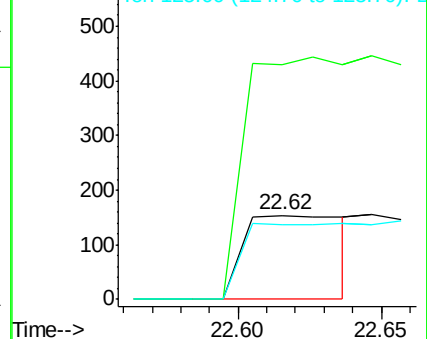
125 89.6 0.0 18.4#



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: BM000486.D

Acq: 11 Feb 2015 20:59

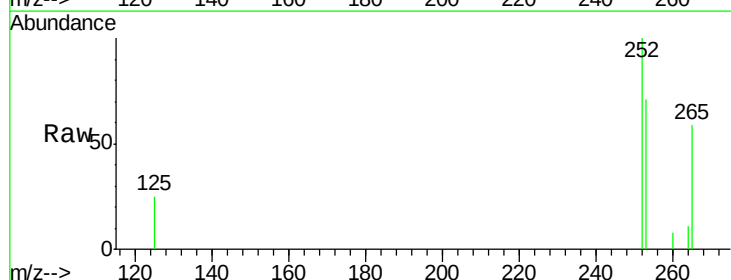
Tgt Ion:252 Resp: 1158

Ion Ratio Lower Upper

252 100

253 71.2 19.8 29.6#

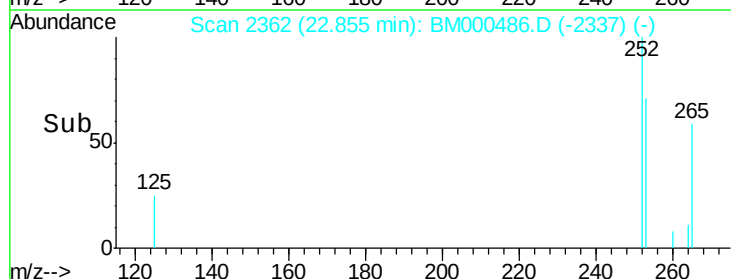
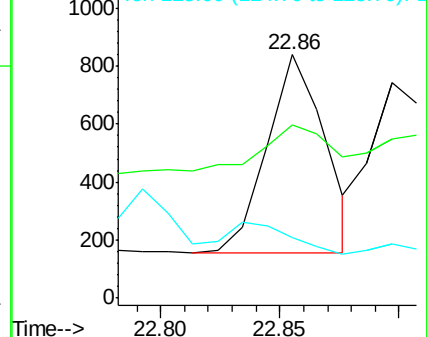
125 25.0 7.6 11.4#

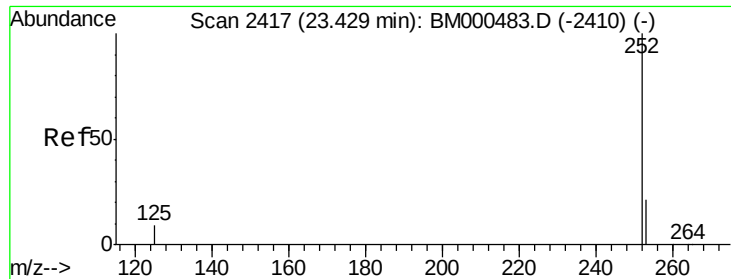


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

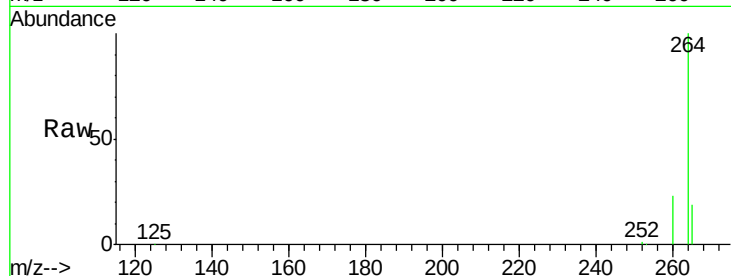
Tgt Ion: 252 Resp: 5428

Ion Ratio Lower Upper

252 100

253 48.7 21.2 31.8#

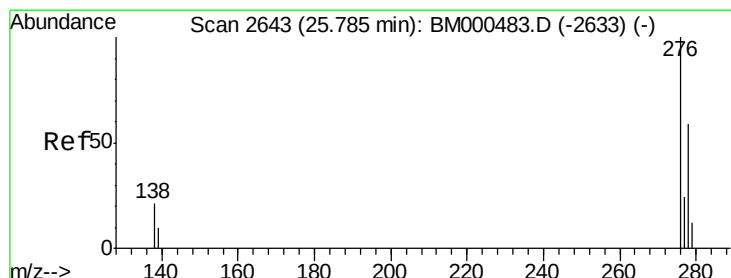
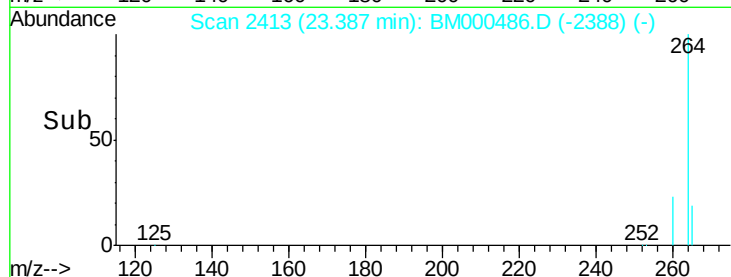
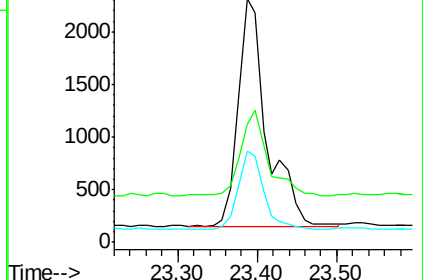
125 37.4 8.4 12.6#



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: BM000486.D

Acq: 11 Feb 2015 20:59

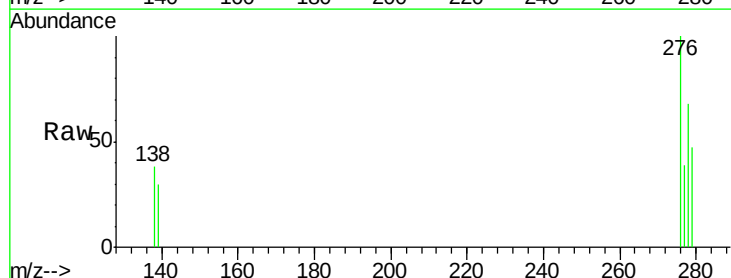
Tgt Ion: 276 Resp: 1065

Ion Ratio Lower Upper

276 100

138 20.8 16.3 24.5

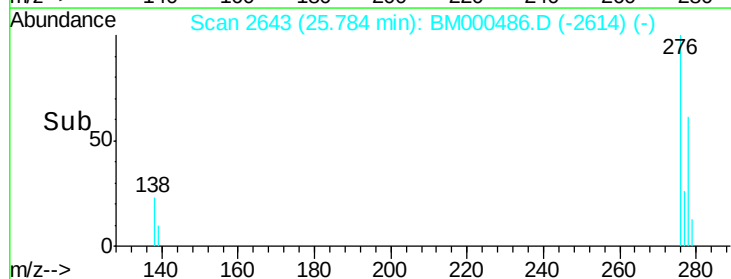
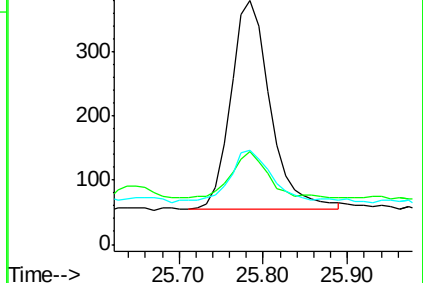
277 27.1 20.0 30.0

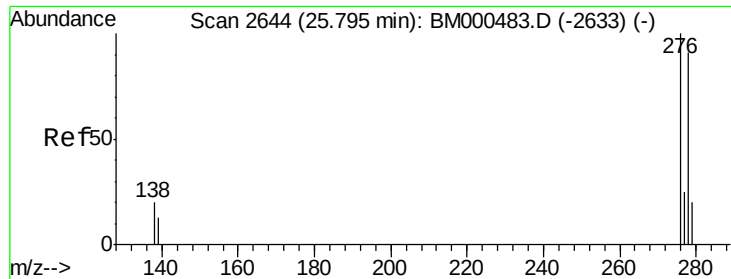


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.79 min Scan# 2644

Delta R.T. -0.00 min

Lab File: BM000486.D

Acq: 11 Feb 2015 20:59

Instrument :

BNA_M

ClientSampleId :

A4FL2

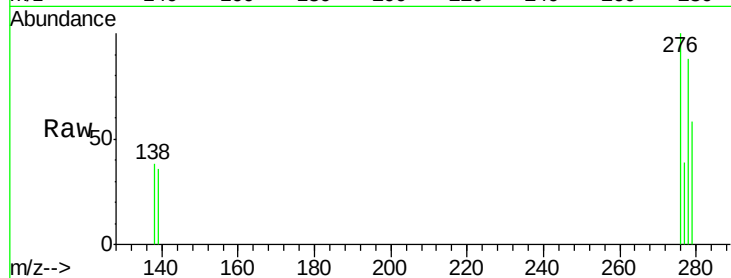
Tgt Ion:278 Resp: 800

Ion Ratio Lower Upper

278 100

139 40.6 13.4 20.0#

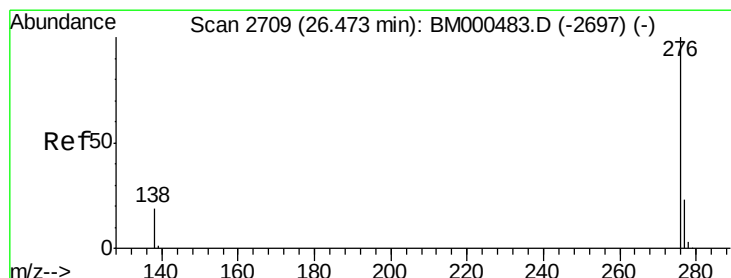
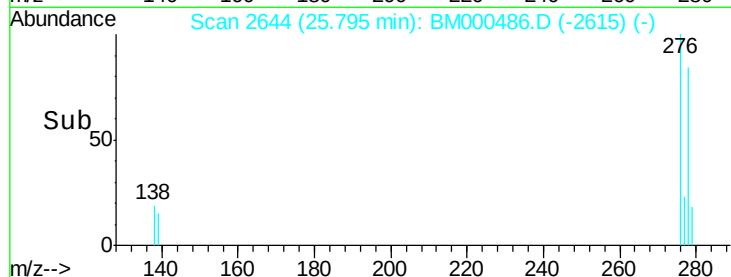
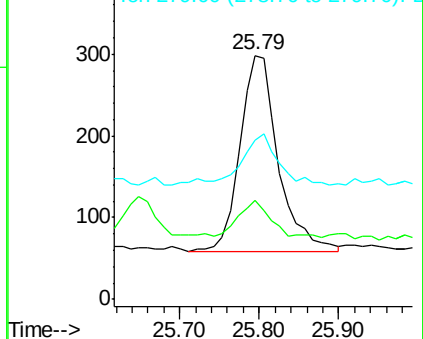
279 65.4 21.3 31.9#



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



#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: BM000486.D

Acq: 11 Feb 2015 20:59

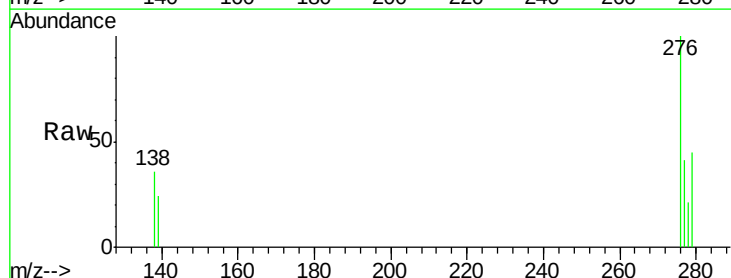
Tgt Ion:276 Resp: 876

Ion Ratio Lower Upper

276 100

277 40.8 20.2 30.4#

138 35.8 16.0 24.0#



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

