

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000494.D
 Acq On : 12 Feb 2015 01:43
 Operator : TP/IZ
 Sample : G1249-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM7

Quant Time: Feb 12 03:03:05 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	3335	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	12002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7689	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1235048	0.40	ng/ul	0.11
16) Chrysene-d12	21.29	240	12439	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	708777	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	7043	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.50	212	1202246	0.44	ng/ul	0.36

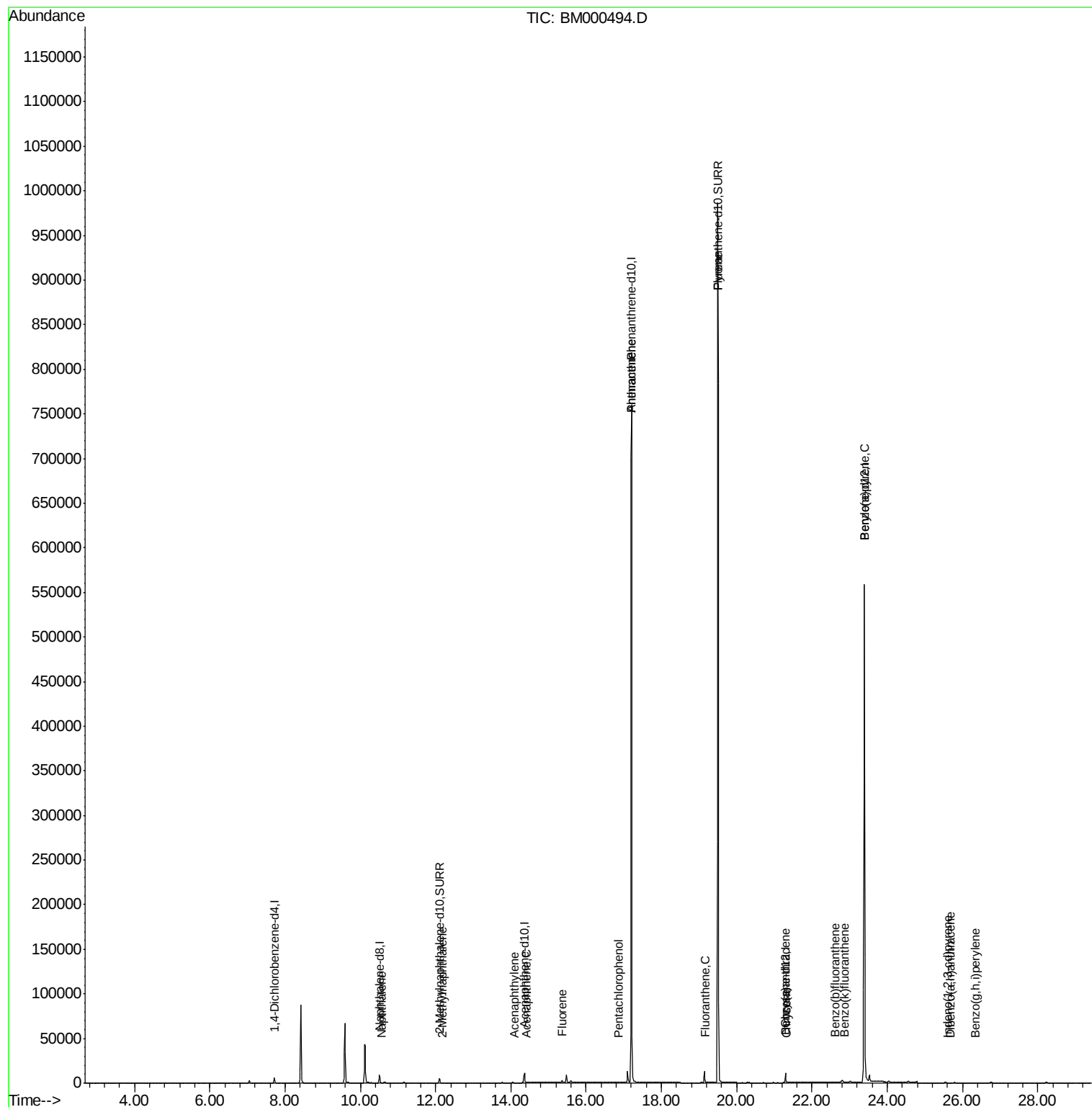
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	115	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.17	142	48	0.00	ng/ul	97
7) Acenaphthylene	14.09	152	217	0.01	ng/ul#	14
8) Acenaphthene	14.41	153	41	0.00	ng/ul#	68
9) Fluorene	15.35	166	2271	0.08	ng/ul#	19
11) Pentachlorophenol	16.87	266	4	0.00	ng/ul#	51
12) Phenanthrene	17.19	178	810	0.00	ng/ul#	1
13) Anthracene	17.19	178	801	0.00	ng/ul#	1
15) Fluoranthene	19.16	202	417	0.00	ng/ul#	36
17) Pyrene	19.50	202	2589	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	186	0.01	ng/ul#	20
19) Chrysene	21.32	228	128	0.00	ng/ul#	8
21) Benzo(b)fluoranthene	22.61	252	306	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	137	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	3104	0.00	ng/ul#	32
24) Indeno(1,2,3-cd)pyrene	25.61	276	10	0.00	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.67	278	9	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.33	276	10	0.00	ng/ul#	1

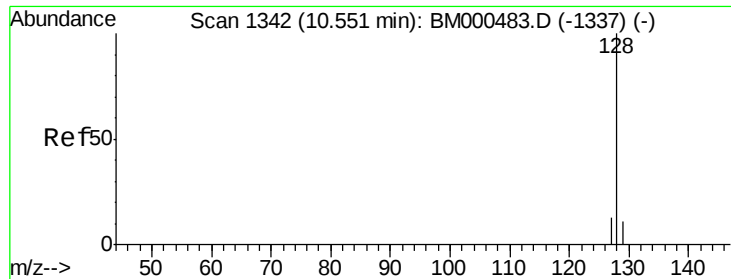
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

A4FM7

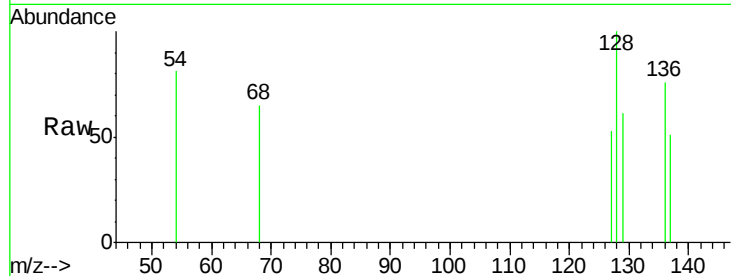
Tgt Ion:128 Resp: 115

Ion Ratio Lower Upper

128 100

129 60.7 9.2 13.8#

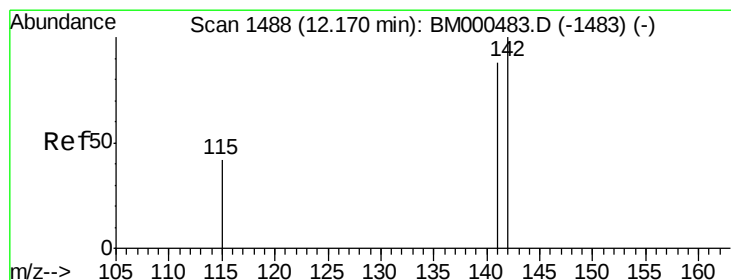
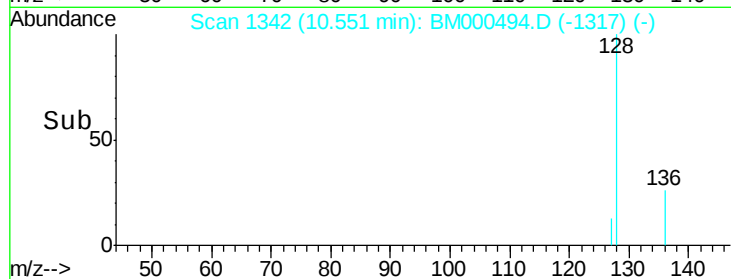
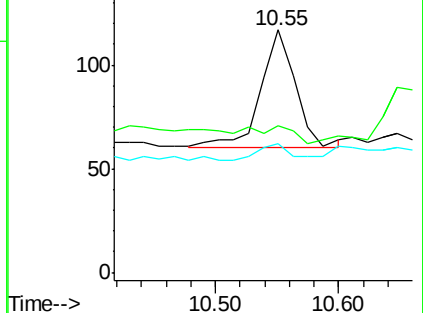
127 53.0 11.2 16.8#



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: BM000494.D

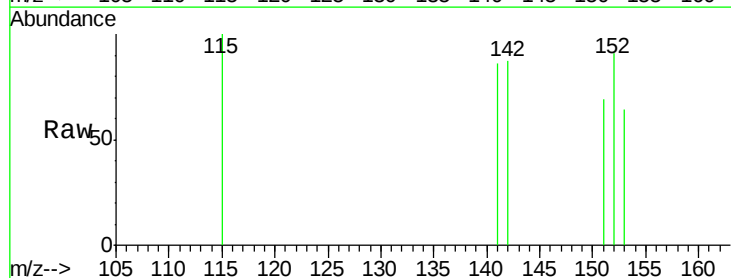
Acq: 12 Feb 2015 01:43

Tgt Ion:142 Resp: 48

Ion Ratio Lower Upper

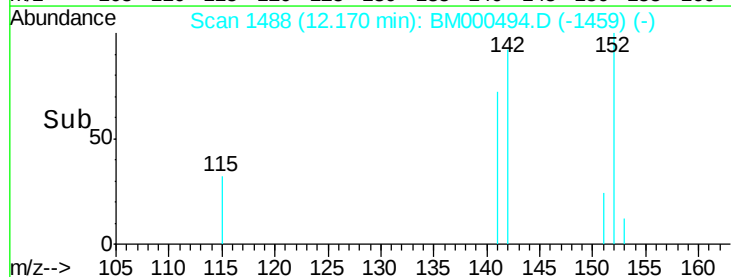
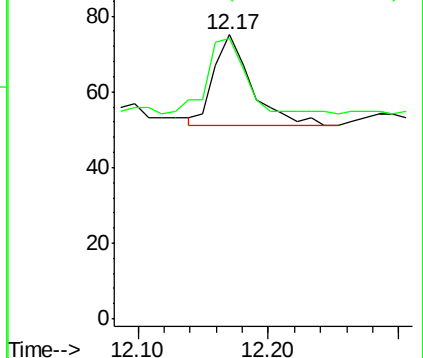
142 100

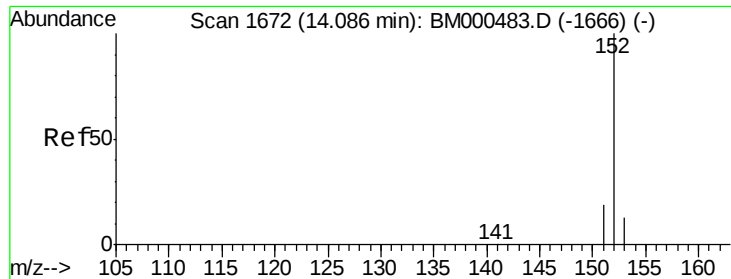
141 85.4 70.3 105.5



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: 14.09 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

A4FM7

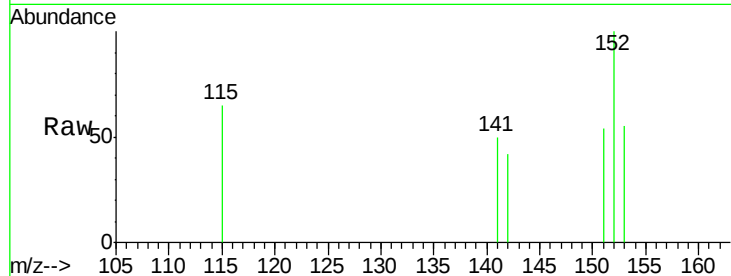
Tgt Ion:152 Resp: 217

Ion Ratio Lower Upper

152 100

151 54.0 16.1 24.1#

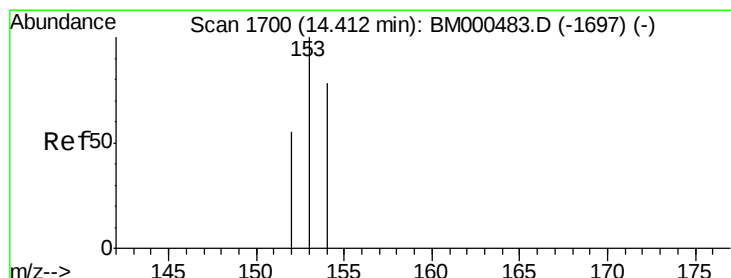
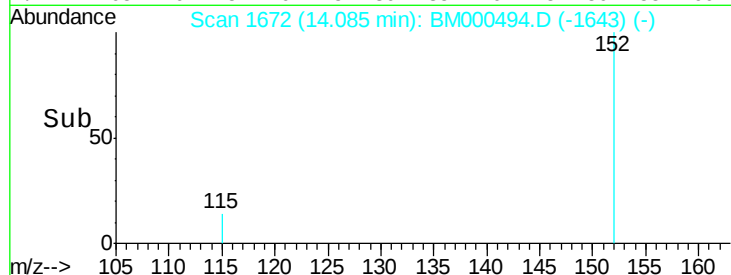
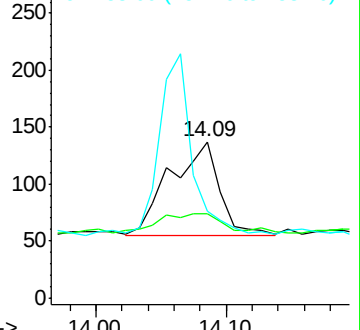
153 55.5 10.6 15.8#



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



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

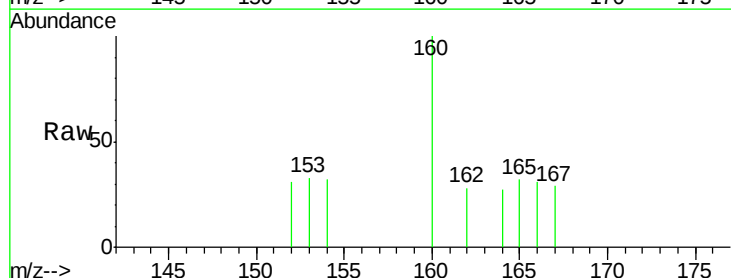
Tgt Ion:153 Resp: 41

Ion Ratio Lower Upper

153 100

152 92.1 45.6 68.4#

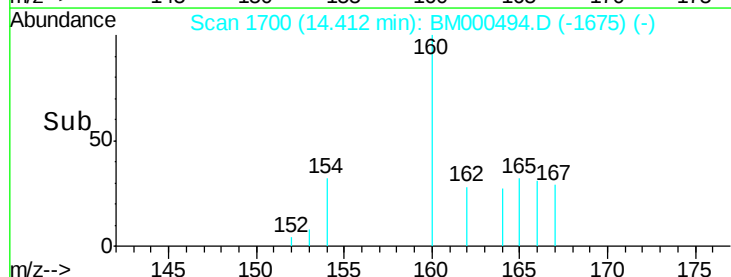
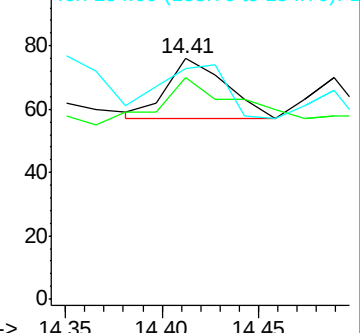
154 96.1 62.5 93.7#

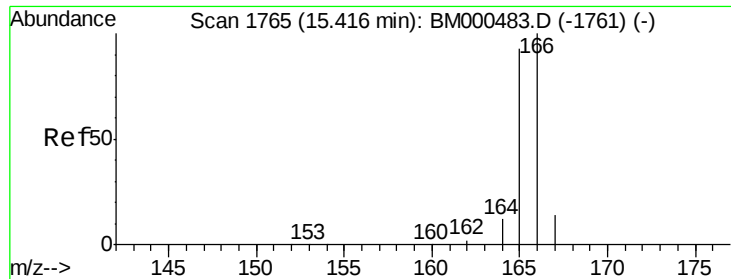


Abundance Ion 153.00 (152.70 to 153.70): E

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: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

A4FM7

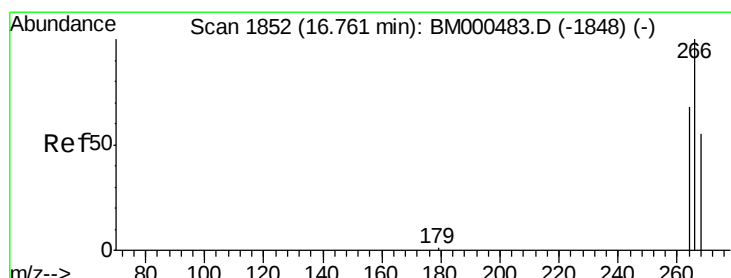
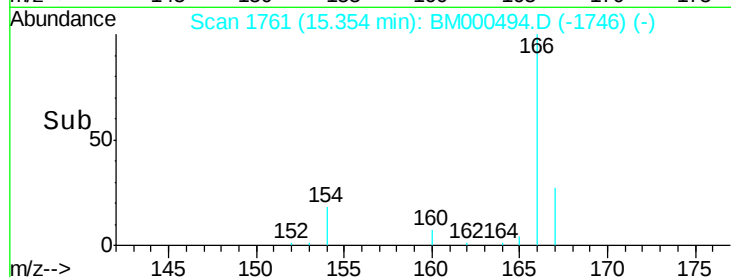
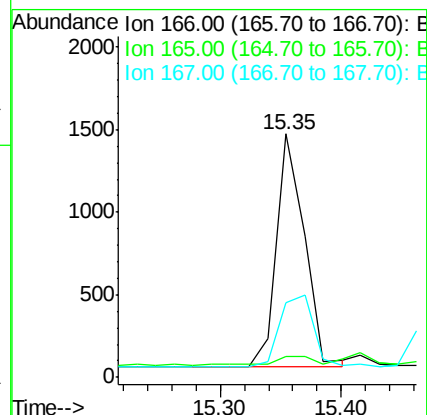
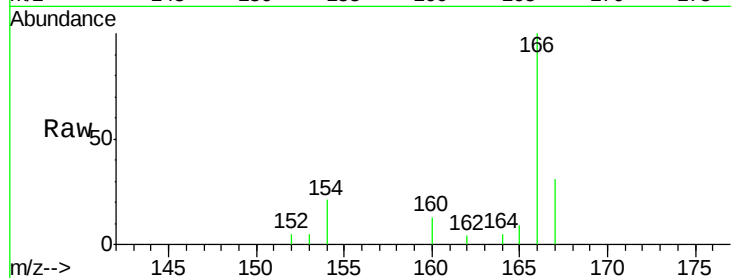
Tgt Ion:166 Resp: 2271

Ion Ratio Lower Upper

166 100

165 8.8 74.4 111.6#

167 30.6 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1859

Delta R.T. 0.11 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

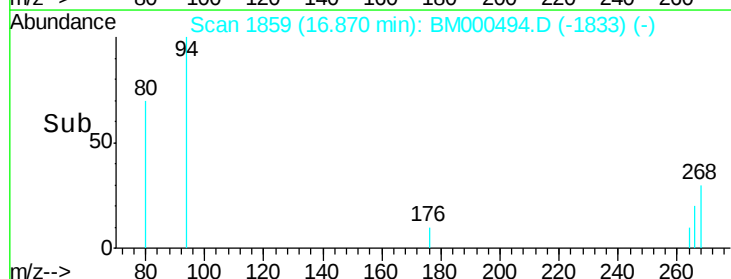
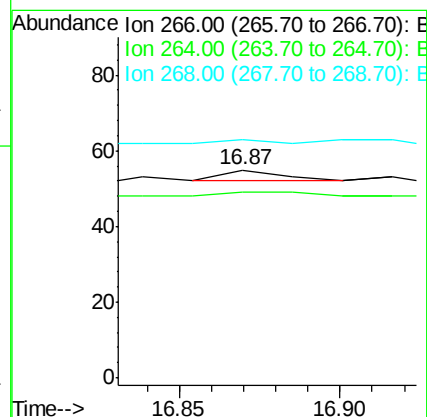
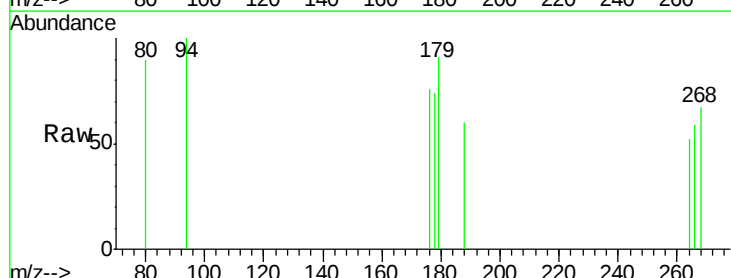
Tgt Ion:266 Resp: 4

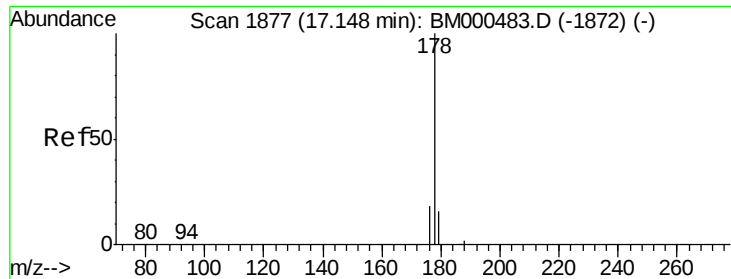
Ion Ratio Lower Upper

266 100

264 50.0 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: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

A4FM7

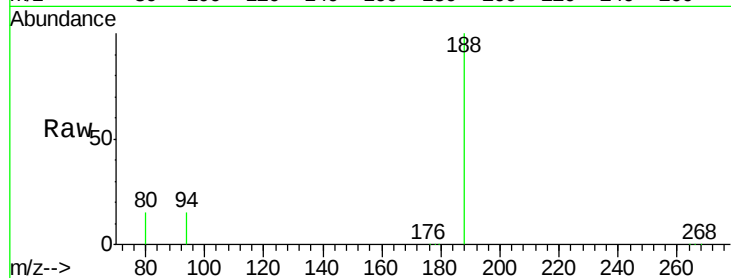
Tgt Ion:178 Resp: 810

Ion Ratio Lower Upper

178 100

176 23.2 15.0 22.4#

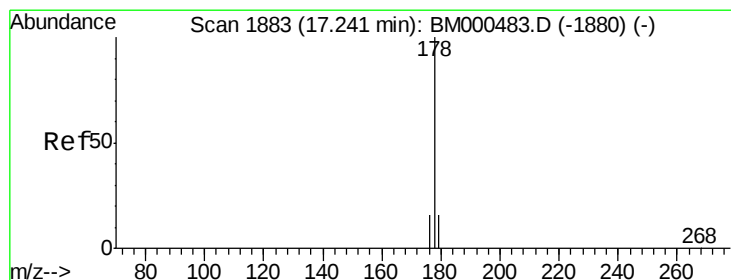
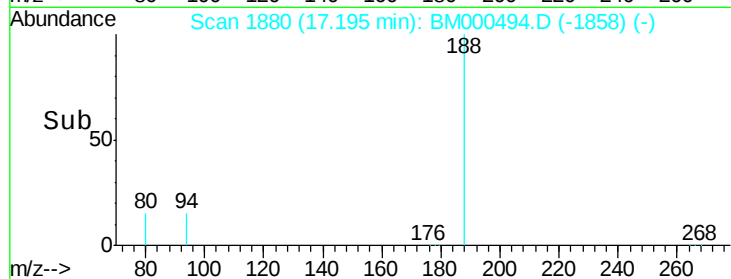
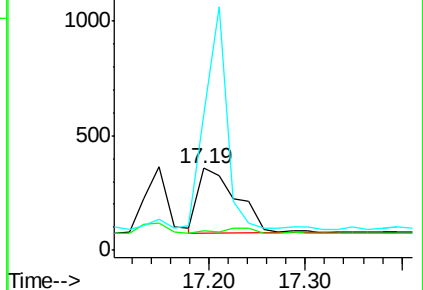
179 165.8 13.0 19.4#



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: BM000494.D

Acq: 12 Feb 2015 01:43

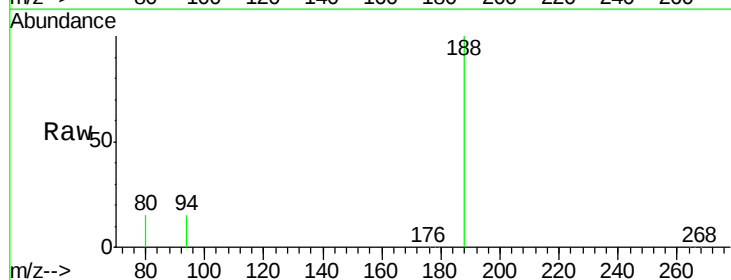
Tgt Ion:178 Resp: 801

Ion Ratio Lower Upper

178 100

176 23.2 13.9 20.9#

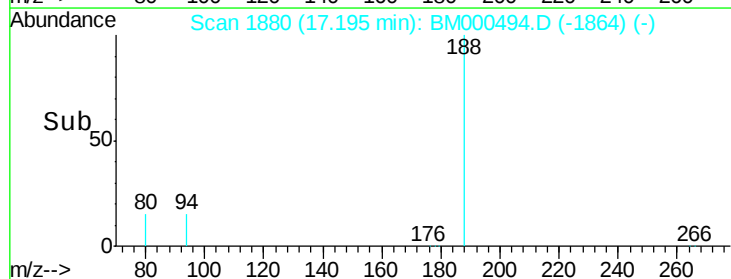
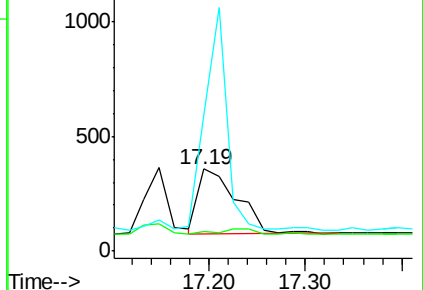
179 165.8 13.2 19.8#

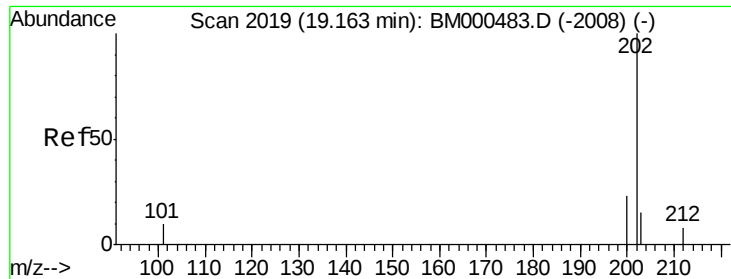


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

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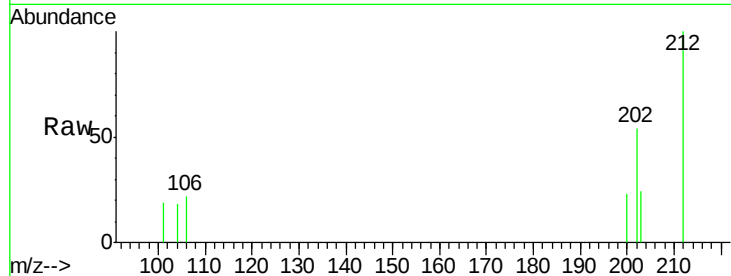
Tgt Ion:202 Resp: 417

Ion Ratio Lower Upper

202 100

101 35.6 0.0 24.6#

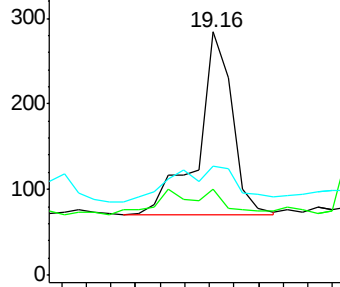
203 44.7 0.0 39.2#



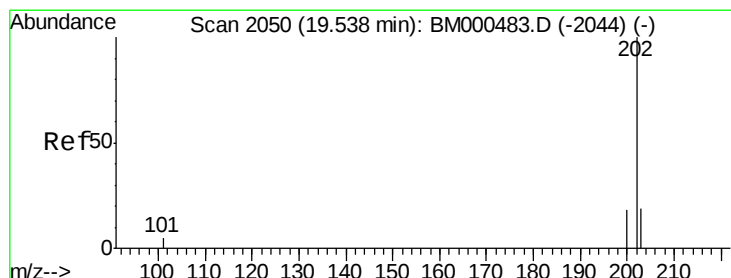
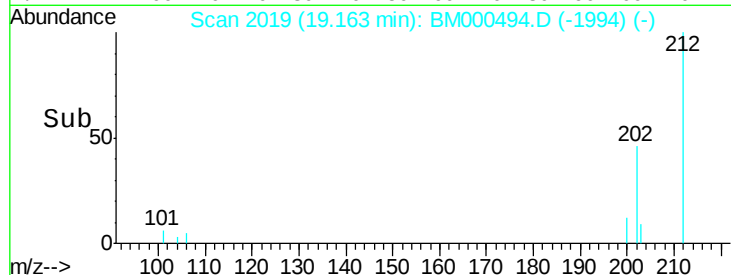
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.50 min Scan# 2047

Delta R.T. -0.04 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

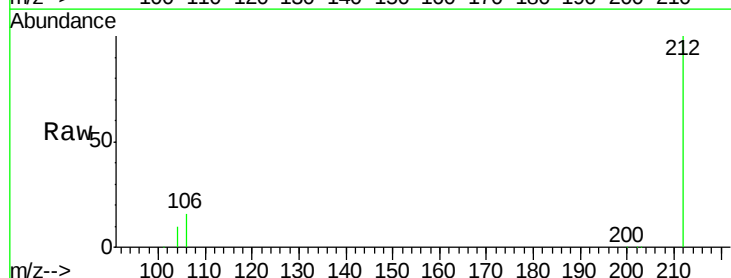
Tgt Ion:202 Resp: 2589

Ion Ratio Lower Upper

202 100

200 8.4 14.9 22.3#

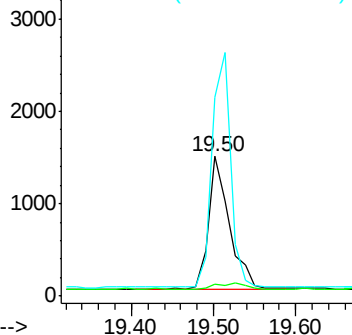
203 143.0 15.4 23.0#



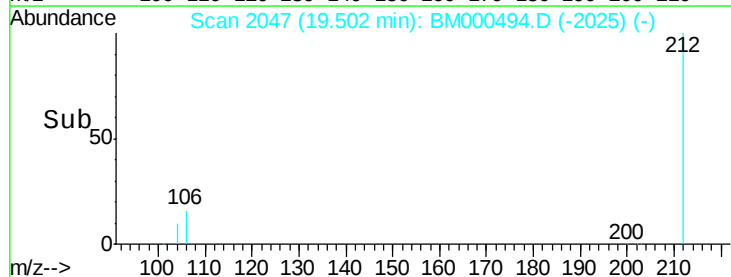
Abundance Ion 202.00 (201.70 to 202.70): E

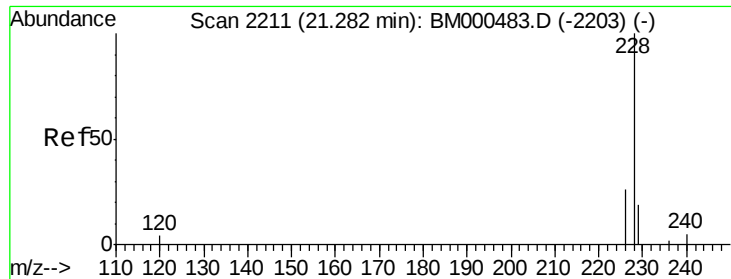
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

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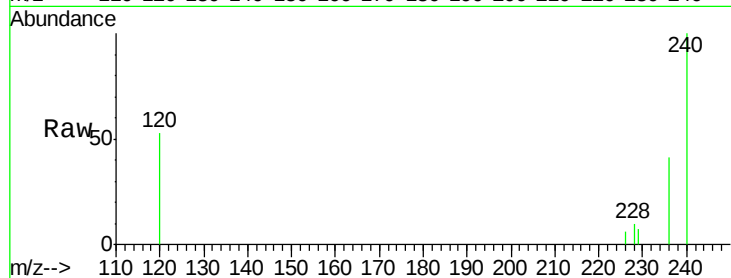
Tgt Ion:228 Resp: 186

Ion Ratio Lower Upper

228 100

226 60.6 21.4 32.0#

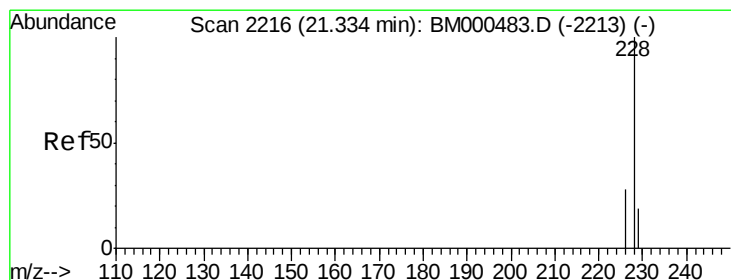
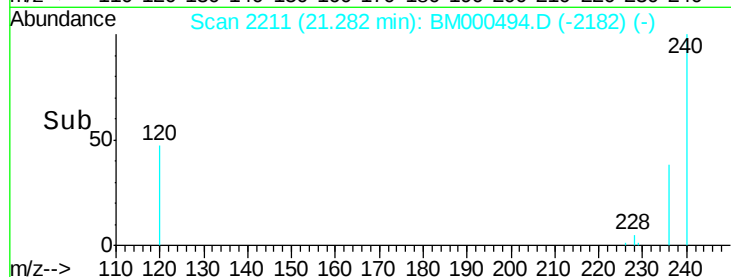
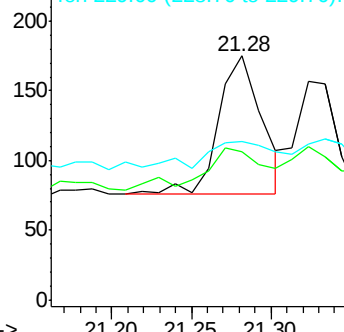
229 65.1 15.6 23.4#



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: 0.00 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

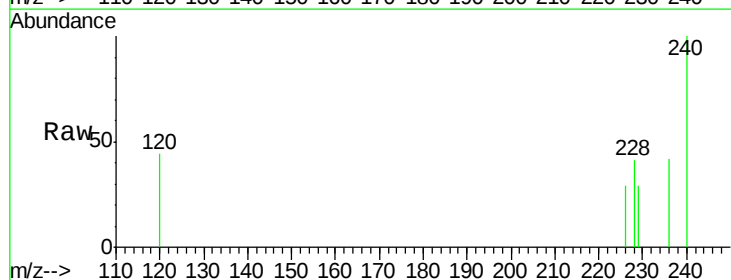
Tgt Ion:228 Resp: 128

Ion Ratio Lower Upper

228 100

226 70.1 23.0 34.6#

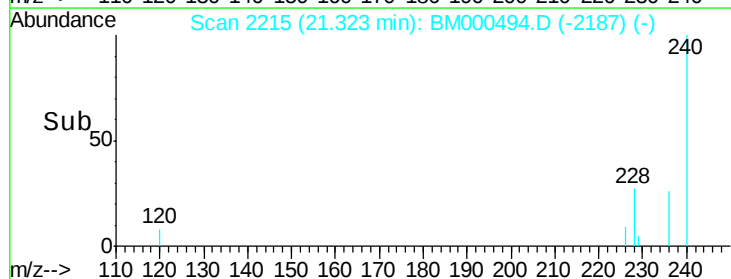
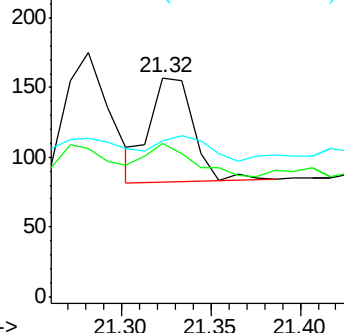
229 71.3 15.9 23.9#

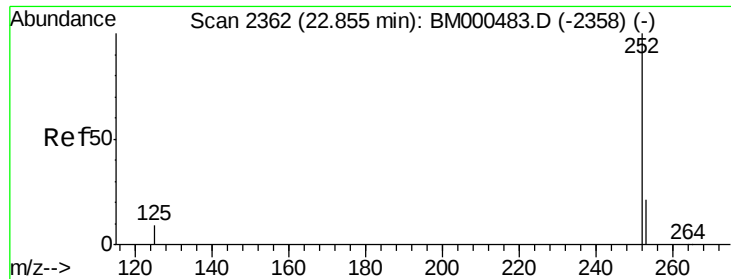


Abundance Ion 228.00 (227.70 to 228.70): E

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/u1

RT: 22.61 min Scan# 2338

Delta R.T. -0.25 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

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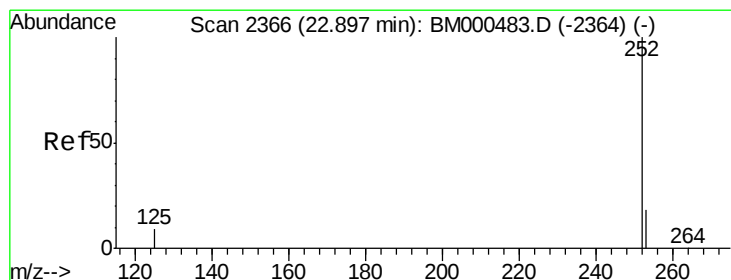
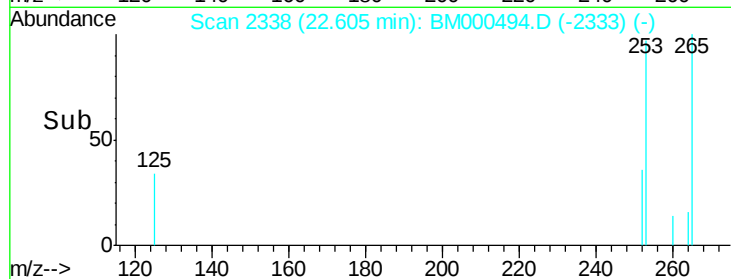
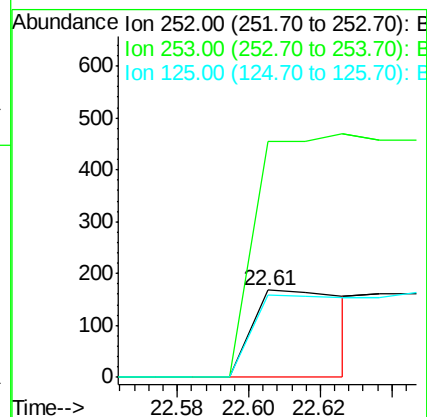
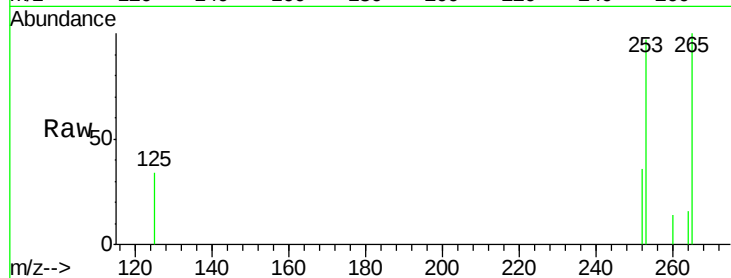
Tgt Ion:252 Resp: 306

Ion Ratio Lower Upper

252 100

253 271.4 0.0 49.0#

125 94.6 0.0 18.4#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.86 min Scan# 2362

Delta R.T. -0.04 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

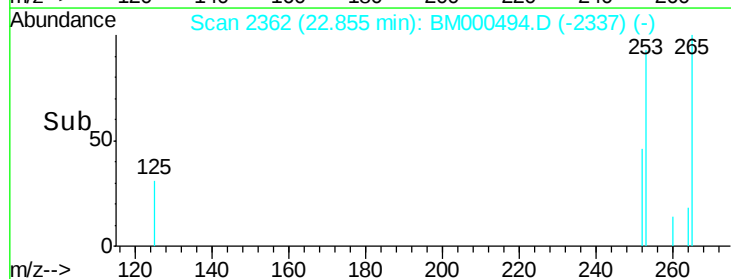
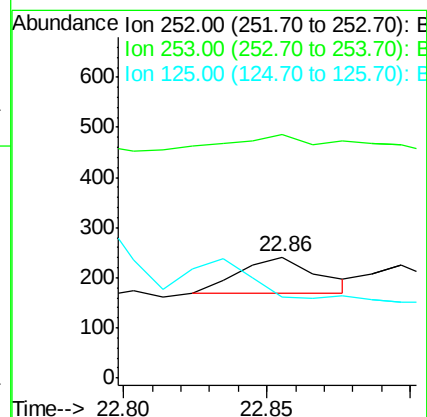
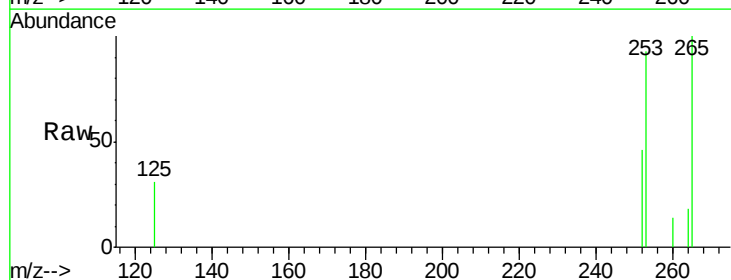
Tgt Ion:252 Resp: 137

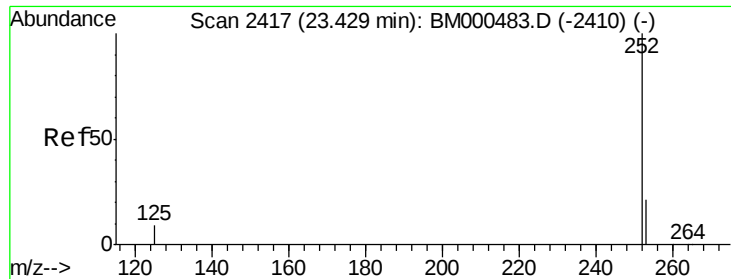
Ion Ratio Lower Upper

252 100

253 201.7 19.8 29.6#

125 67.2 7.6 11.4#





#23

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.39 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

A4FM7

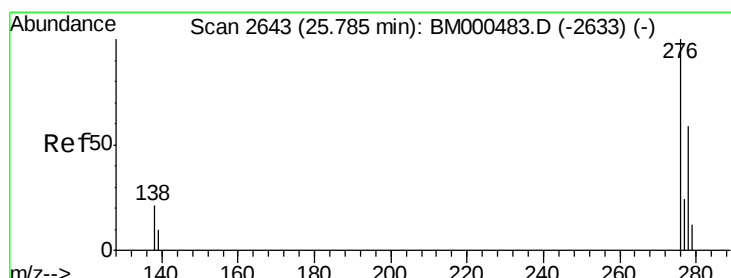
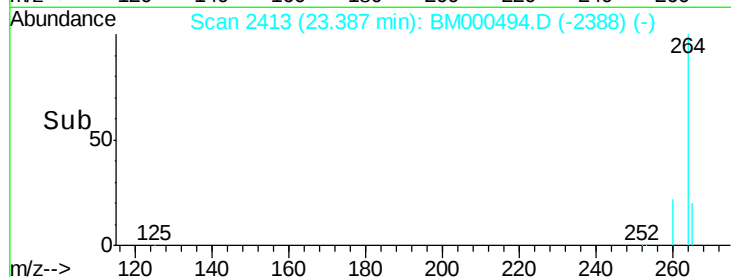
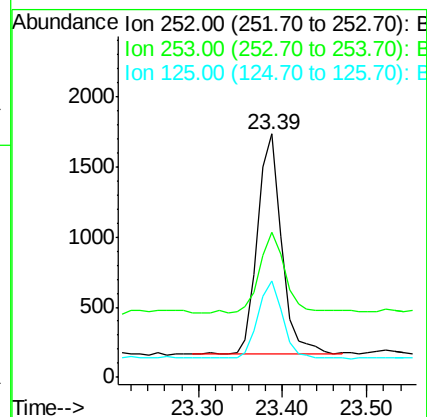
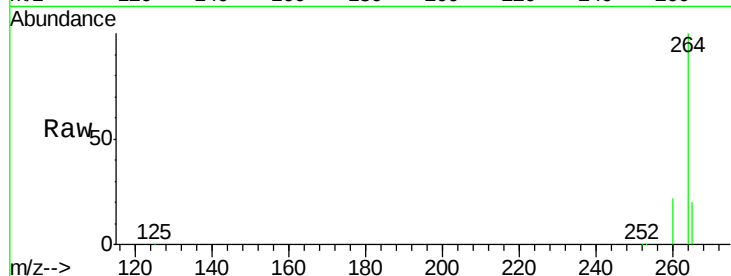
Tgt Ion:252 Resp: 3104

Ion Ratio Lower Upper

252 100

253 59.6 21.2 31.8#

125 39.4 8.4 12.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.61 min Scan# 2626

Delta R.T. -0.18 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

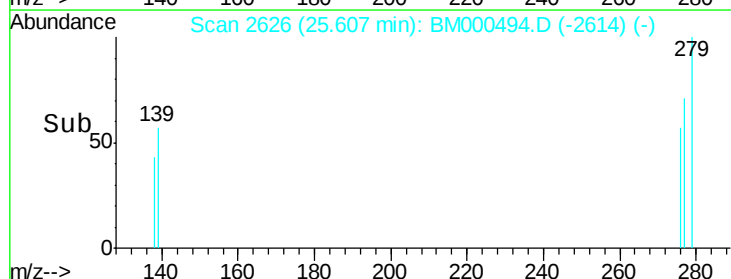
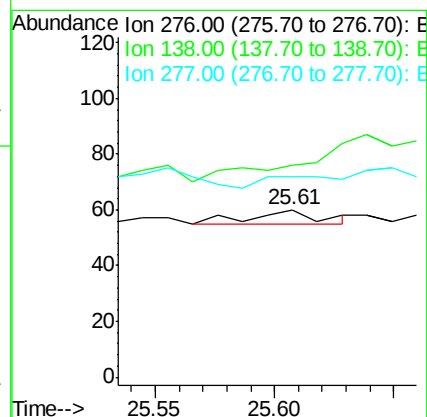
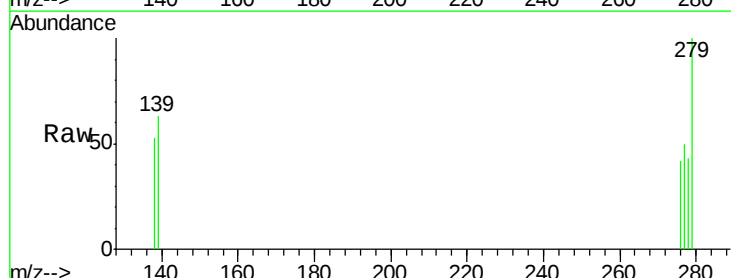
Tgt Ion:276 Resp: 10

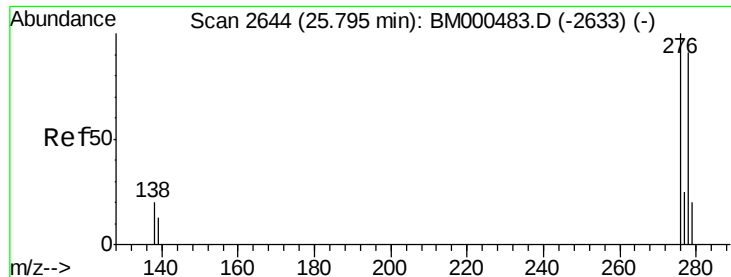
Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

277 0.0 20.0 30.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.67 min Scan# 2632

Delta R.T. -0.13 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

Instrument :

BNA_M

ClientSampleId :

A4FM7

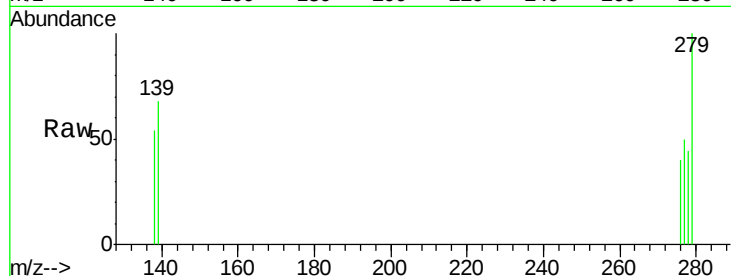
Tgt Ion: 278 Resp: 9

Ion Ratio Lower Upper

278 100

139 153.1 13.4 20.0#

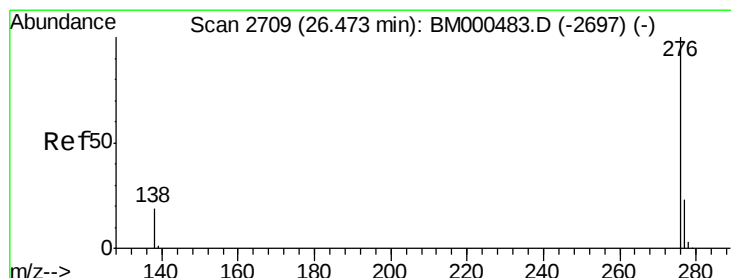
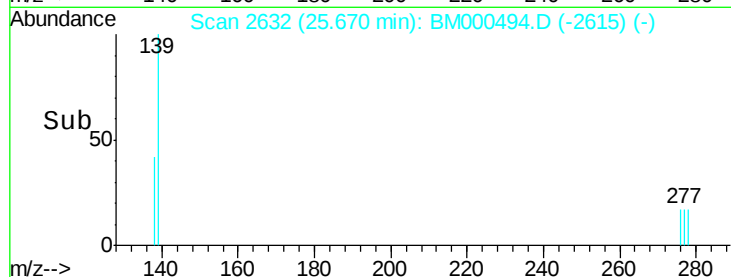
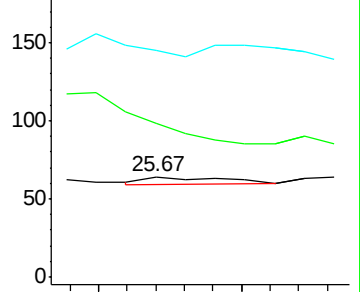
279 226.6 21.3 31.9#



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: 26.33 min Scan# 2695

Delta R.T. -0.15 min

Lab File: BM000494.D

Acq: 12 Feb 2015 01:43

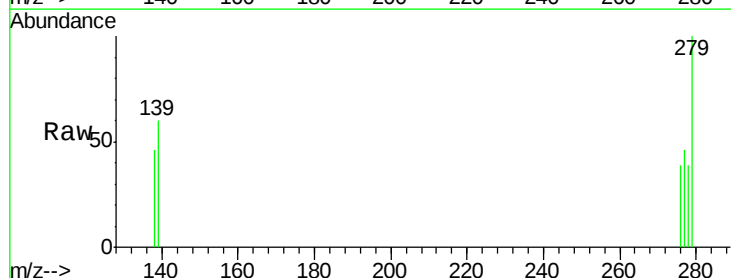
Tgt Ion: 276 Resp: 10

Ion Ratio Lower Upper

276 100

277 117.2 20.2 30.4#

138 117.2 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

