

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000493.D
 Acq On : 12 Feb 2015 01:07
 Operator : TP/IZ
 Sample : G1249-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL7

Quant Time: Feb 12 02:13:28 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	3216	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	11448	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7834	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1212596	0.40	ng/ul	0.11
16) Chrysene-d12	21.29	240	13388	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	822631	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	7171	0.47	ng/ul	0.00
14) Fluoranthene-d10	19.50	212	1189629	0.44	ng/ul	0.36

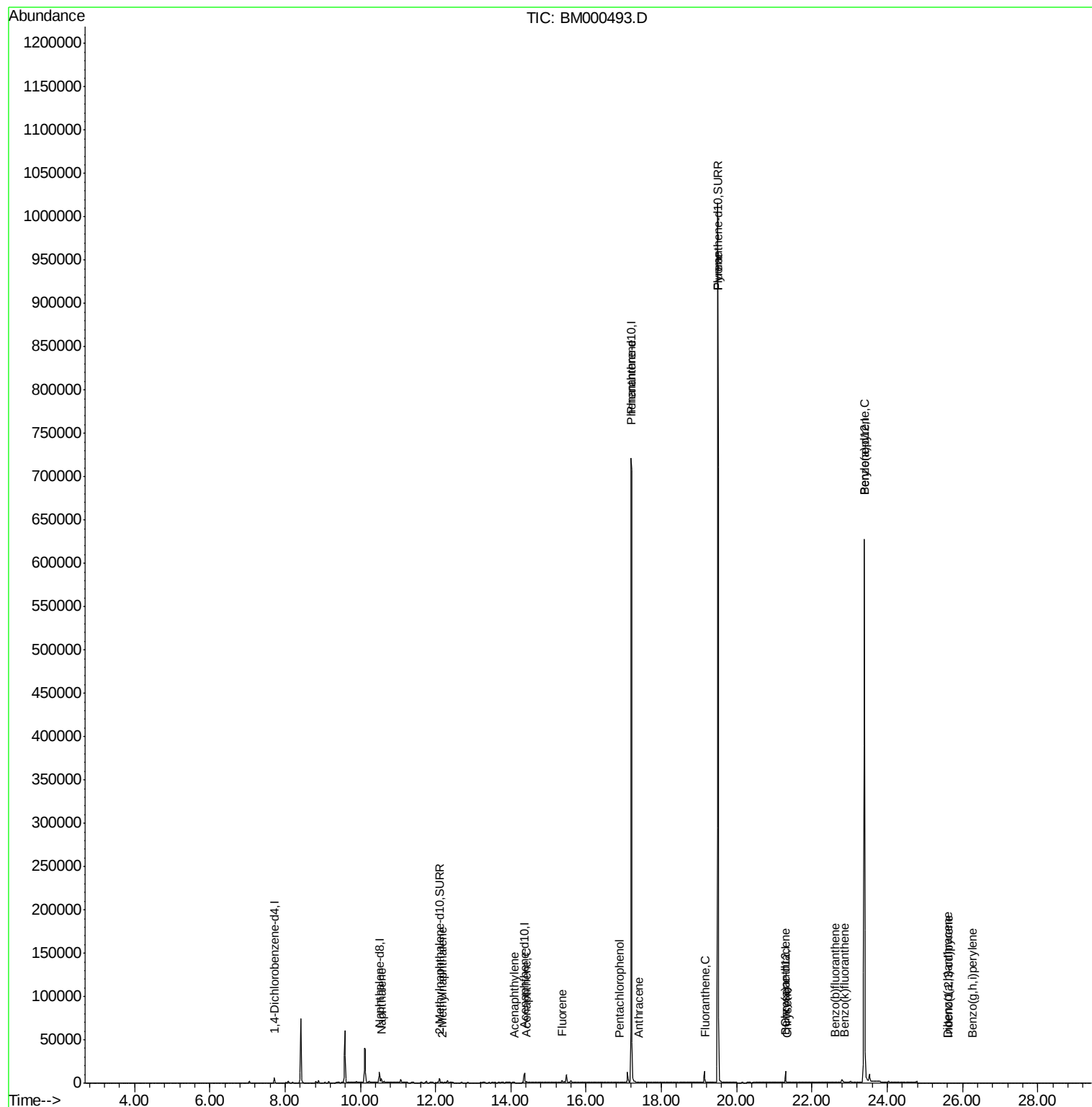
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	4558	0.16	ng/ul#	82
5) 2-Methylnaphthalene	12.17	142	370	0.02	ng/ul	86
7) Acenaphthylene	14.09	152	174	0.01	ng/ul#	1
8) Acenaphthene	14.41	153	877	0.04	ng/ul	94
9) Fluorene	15.35	166	2380	0.08	ng/ul#	20
11) Pentachlorophenol	16.89	266	6	0.00	ng/ul#	19
12) Phenanthrene	17.19	178	747	0.00	ng/ul#	1
13) Anthracene	17.40	178	173	0.00	ng/ul#	1
15) Fluoranthene	19.16	202	537	0.00	ng/ul#	48
17) Pyrene	19.50	202	2578	0.05	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	159	0.00	ng/ul#	5
19) Chrysene	21.33	228	113	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	22.61	252	695	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	119	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	3621	0.00	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	25.64	276	19	0.00	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.61	278	21	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.27	276	6	0.00	ng/ul#	1

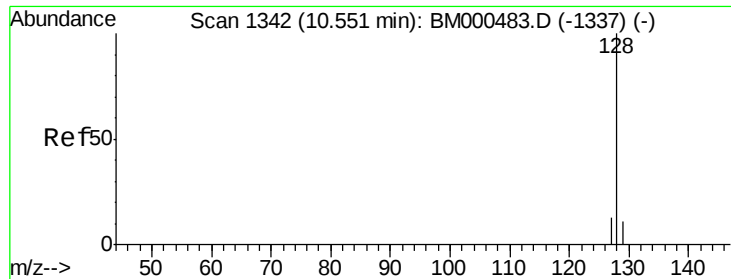
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.16 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

BNA_M

ClientSampleId :

A4FL7

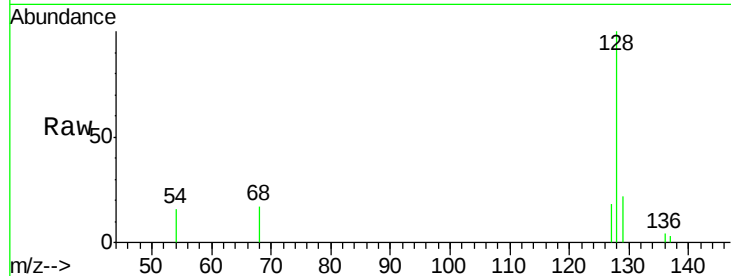
Tgt Ion:128 Resp: 4558

Ion Ratio Lower Upper

128 100

129 22.1 9.2 13.8#

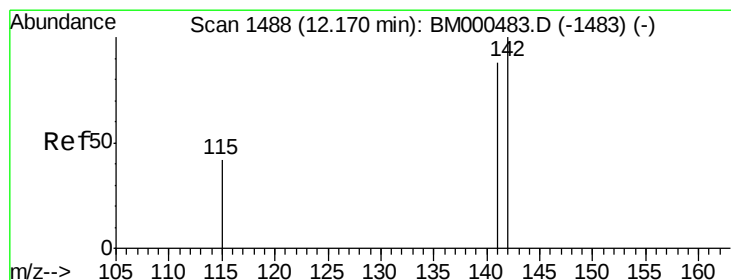
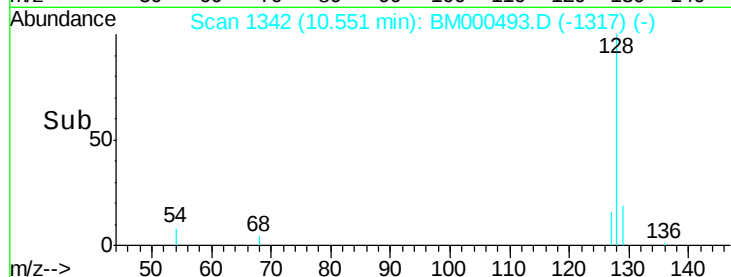
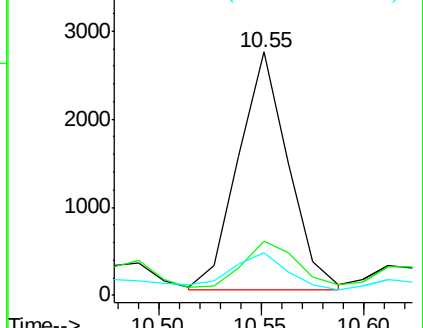
127 17.8 11.2 16.8#



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: 0.02 ng/ul

RT: 12.17 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BM000493.D

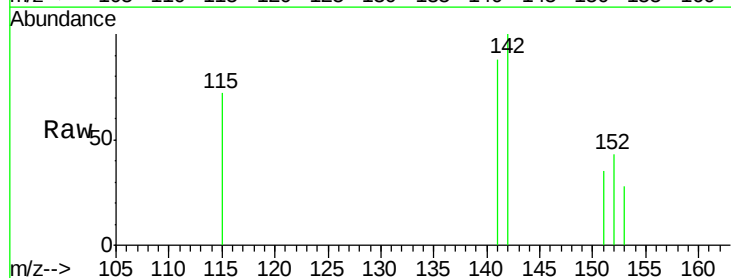
Acq: 12 Feb 2015 01:07

Tgt Ion:142 Resp: 370

Ion Ratio Lower Upper

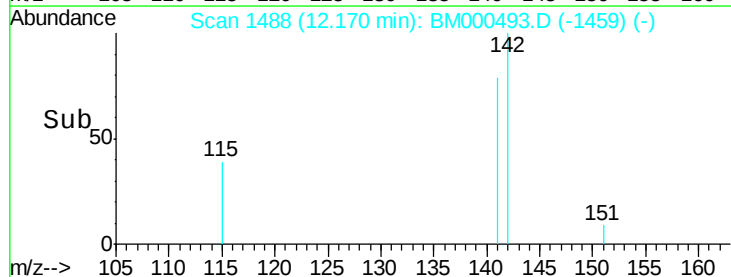
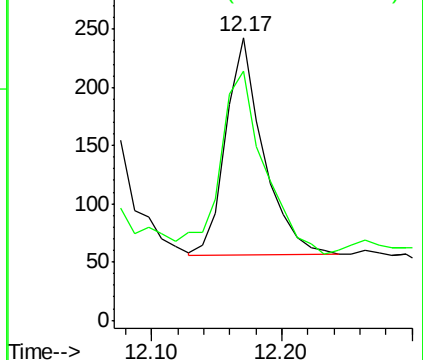
142 100

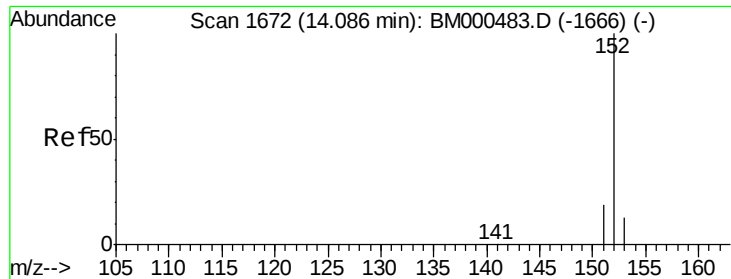
141 100.5 70.3 105.5



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: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

BNA_M

ClientSampleId :

A4FL7

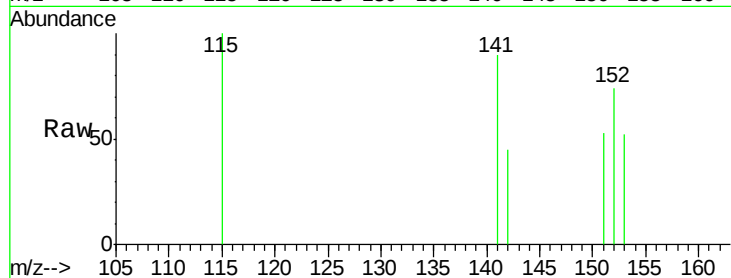
Tgt Ion:152 Resp: 174

Ion Ratio Lower Upper

152 100

151 71.2 16.1 24.1#

153 69.6 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

400

300

200

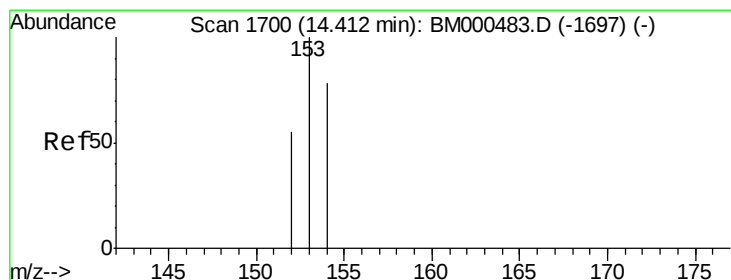
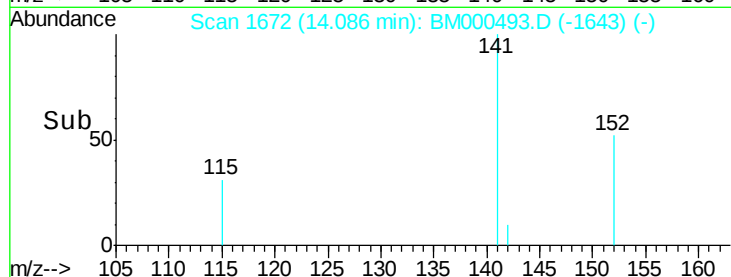
100

0

14.00 14.05 14.10

14.09

Time-->



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

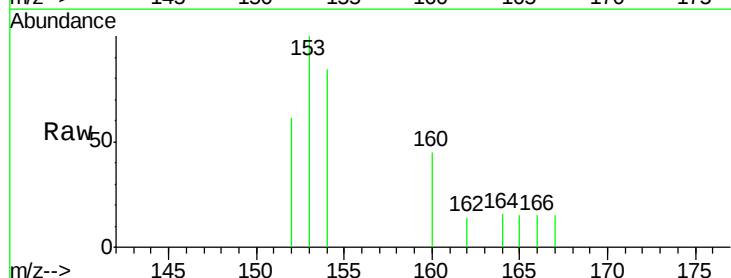
Tgt Ion:153 Resp: 877

Ion Ratio Lower Upper

153 100

152 60.8 45.6 68.4

154 83.6 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

600

400

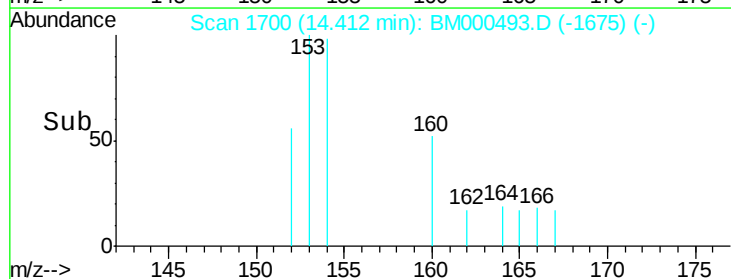
200

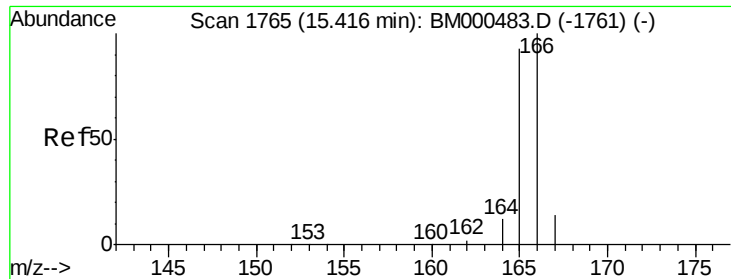
0

14.30 14.40 14.50

14.41

Time-->

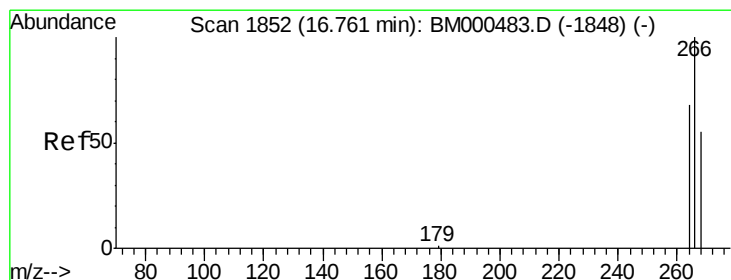
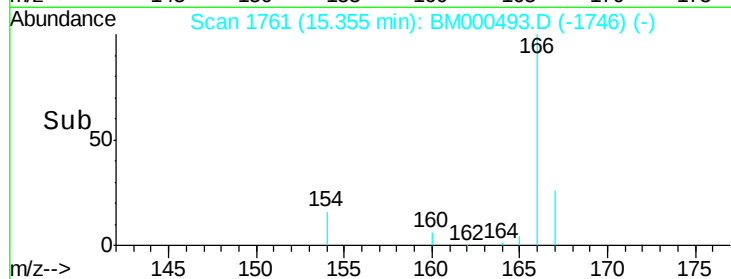
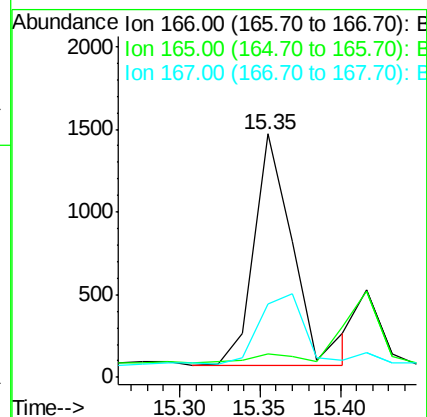
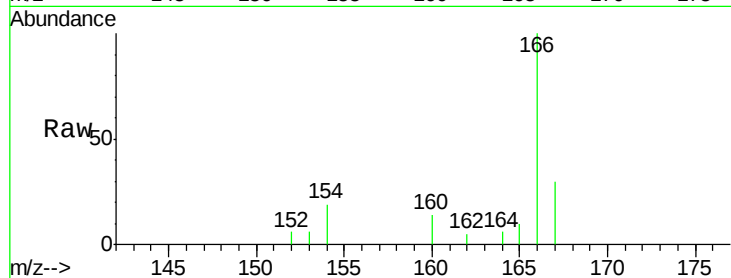




#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.35 min Scan# 1761
 Delta R.T. -0.06 min
 Lab File: BM000493.D
 Acq: 12 Feb 2015 01:07

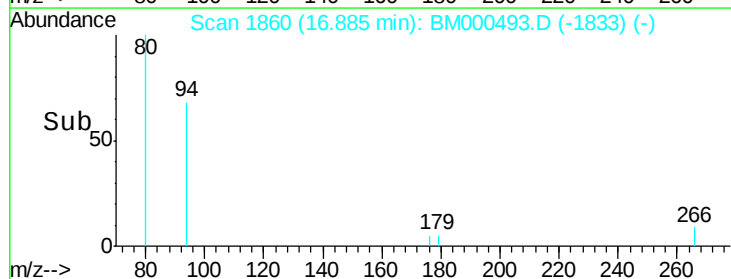
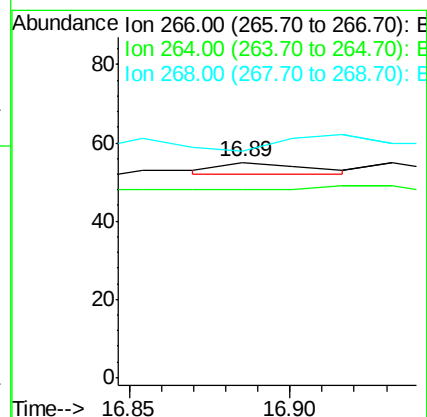
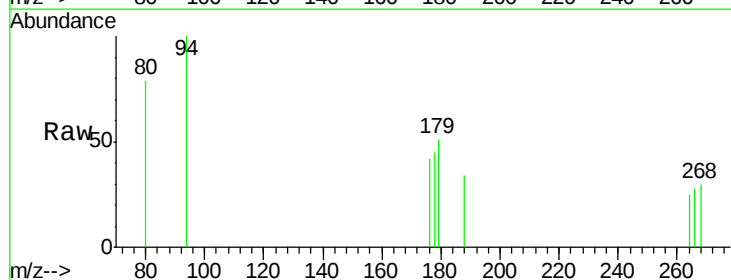
Instrument :
 BNA_M
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 A4FL7

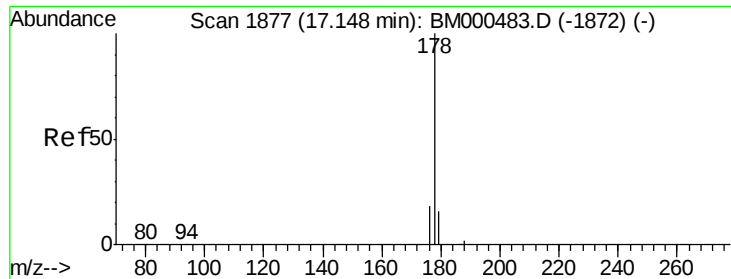
Tgt Ion:166 Resp: 2380
 Ion Ratio Lower Upper
 166 100
 165 9.7 74.4 111.6#
 167 29.9 11.3 16.9#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.89 min Scan# 1860
 Delta R.T. 0.12 min
 Lab File: BM000493.D
 Acq: 12 Feb 2015 01:07

Tgt Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 0.0 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: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

BNA_M

ClientSampleId :

A4FL7

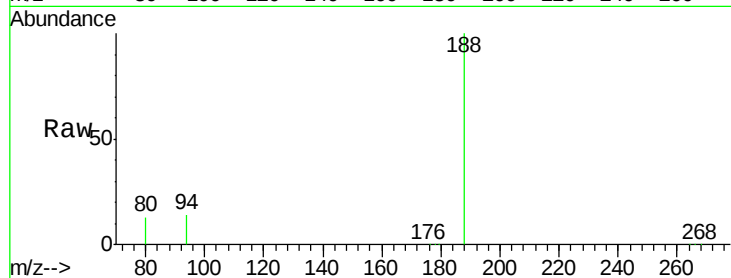
Tgt Ion:178 Resp: 747

Ion Ratio Lower Upper

178 100

176 24.4 15.0 22.4#

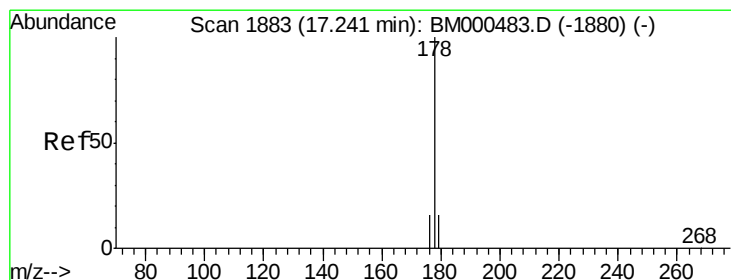
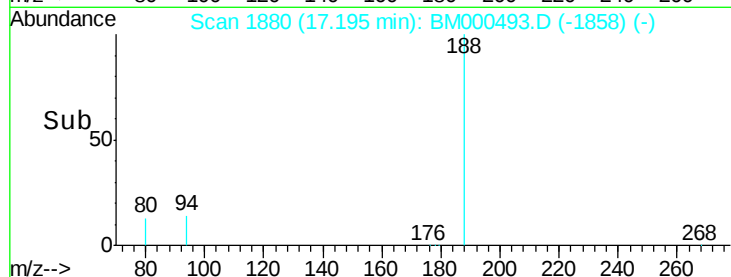
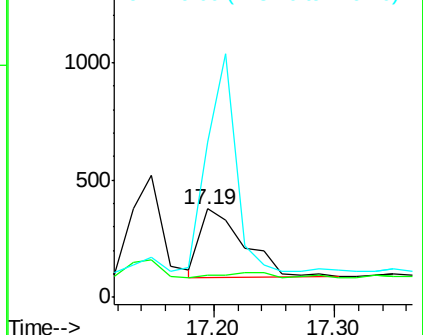
179 175.1 13.0 19.4#



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: 17.40 min Scan# 1893

Delta R.T. 0.15 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

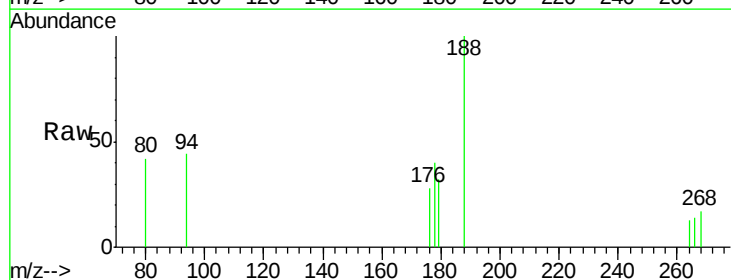
Tgt Ion:178 Resp: 173

Ion Ratio Lower Upper

178 100

176 69.5 13.9 20.9#

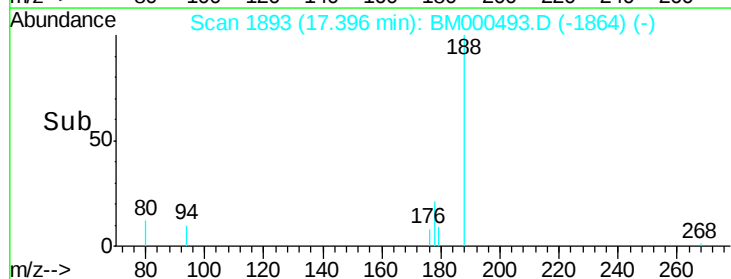
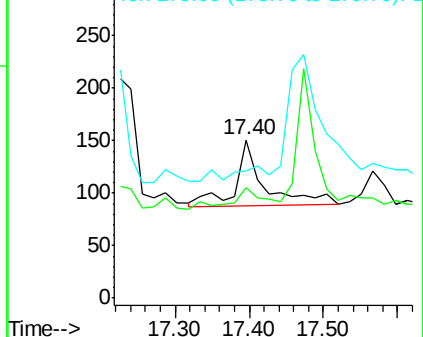
179 80.1 13.2 19.8#

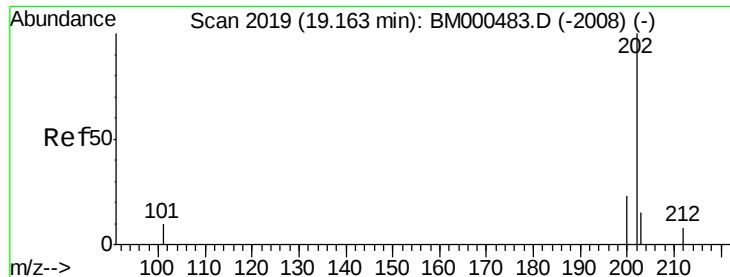


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

BNA_M

ClientSampleId :

A4FL7

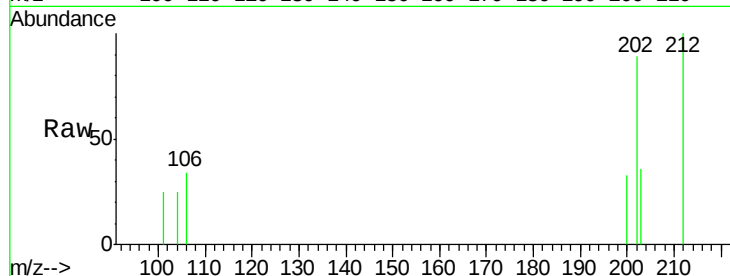
Tgt Ion:202 Resp: 537

Ion Ratio Lower Upper

202 100

101 27.8 0.0 24.6#

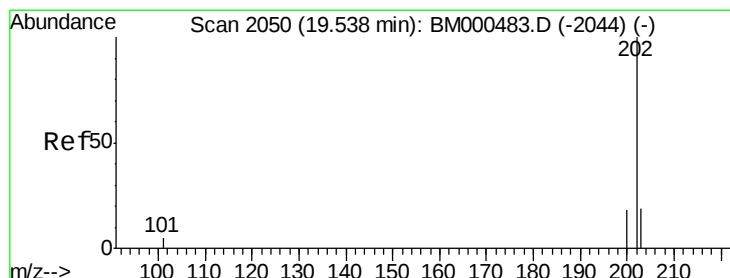
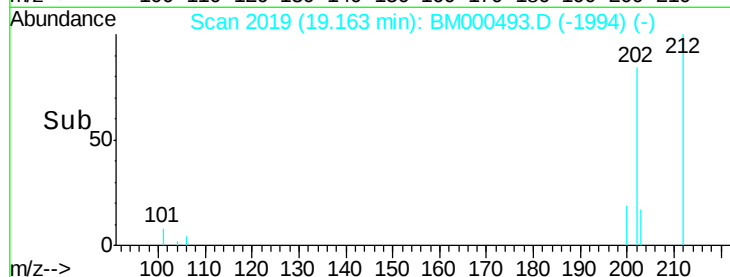
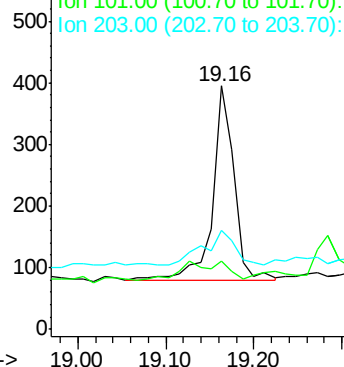
203 40.8 0.0 39.2#



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: 0.05 ng/ul

RT: 19.50 min Scan# 2047

Delta R.T. -0.04 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

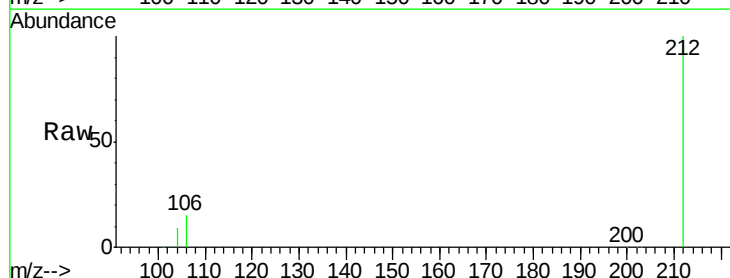
Tgt Ion:202 Resp: 2578

Ion Ratio Lower Upper

202 100

200 8.6 14.9 22.3#

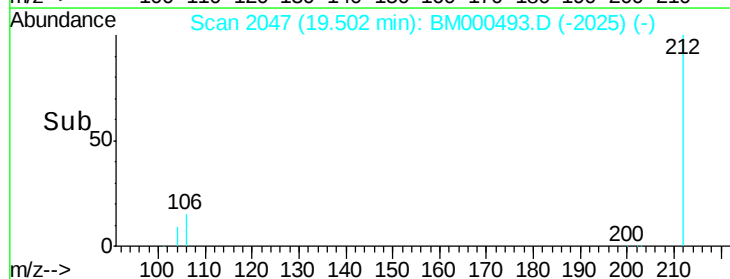
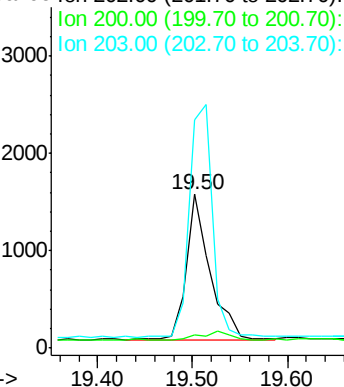
203 148.3 15.4 23.0#

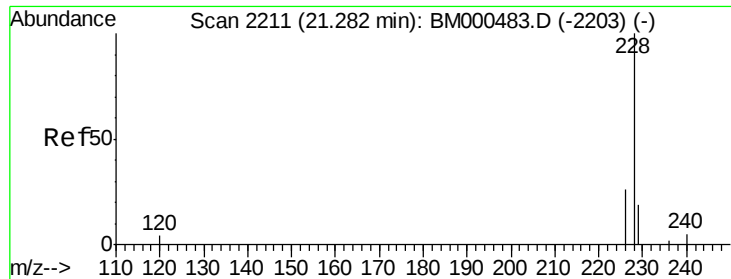


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

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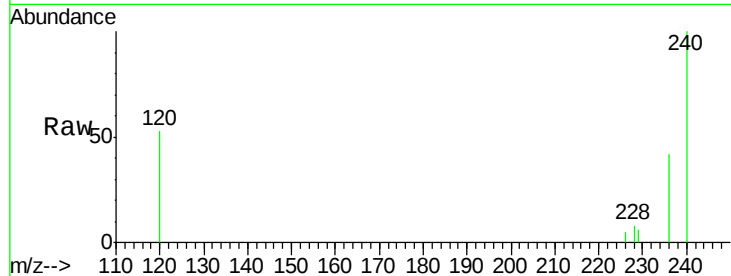
Tgt Ion:228 Resp: 159

Ion Ratio Lower Upper

228 100

226 64.3 21.4 32.0#

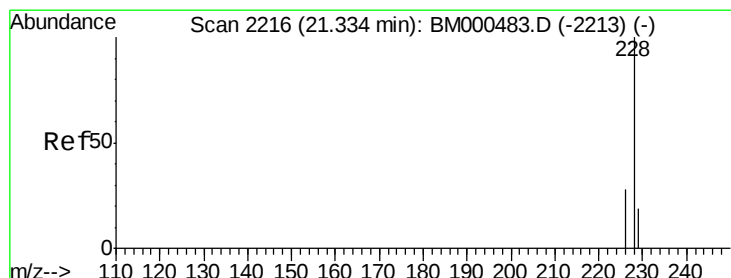
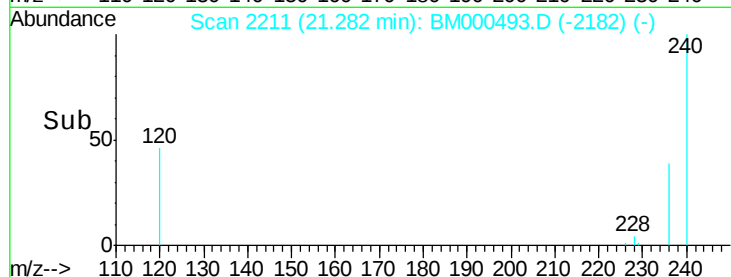
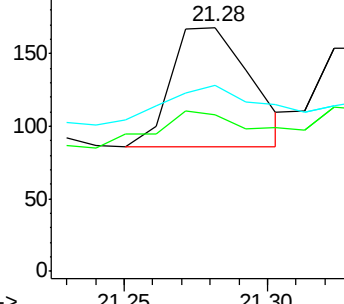
229 76.2 15.6 23.4#



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: 21.33 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

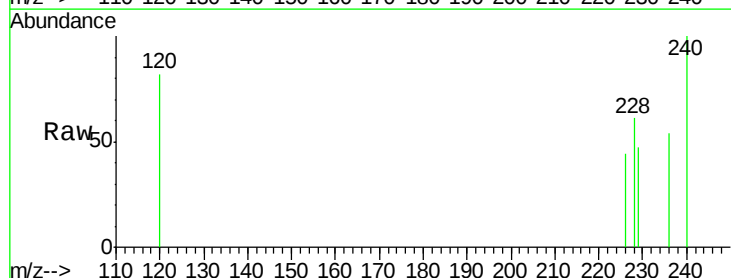
Tgt Ion:228 Resp: 113

Ion Ratio Lower Upper

228 100

226 72.6 23.0 34.6#

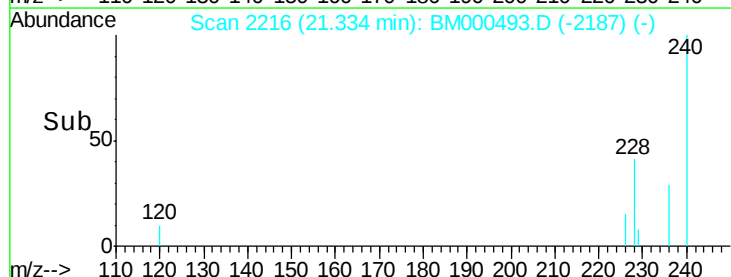
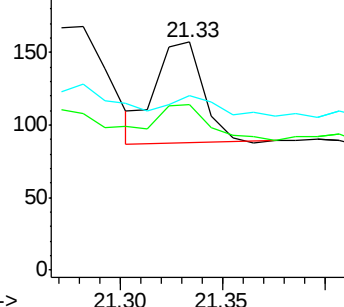
229 76.4 15.9 23.9#

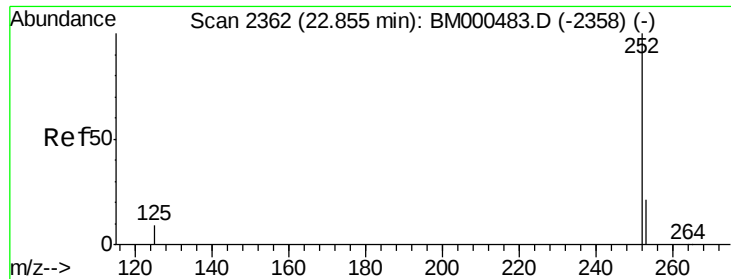


Abundance Ion 228.00 (227.70 to 228.70): E

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: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

BNA_M

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A4FL7

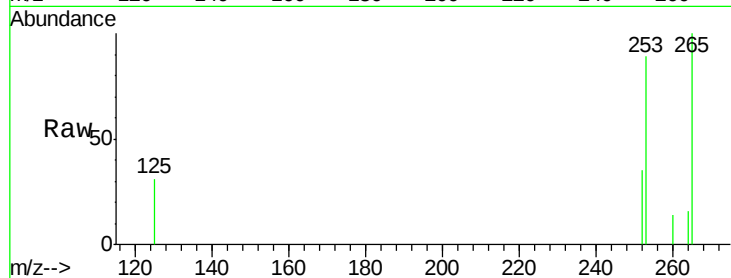
Tgt Ion:252 Resp: 695

Ion Ratio Lower Upper

252 100

253 258.8 0.0 49.0#

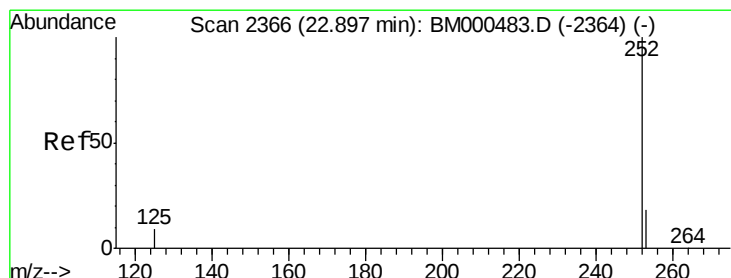
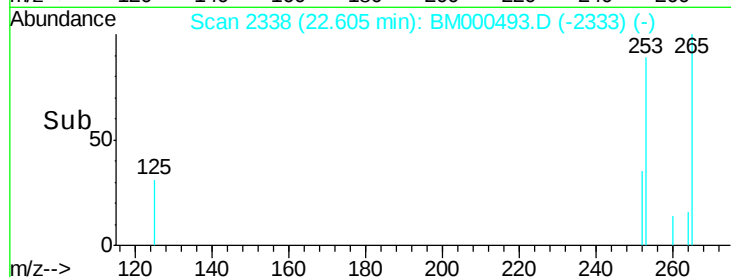
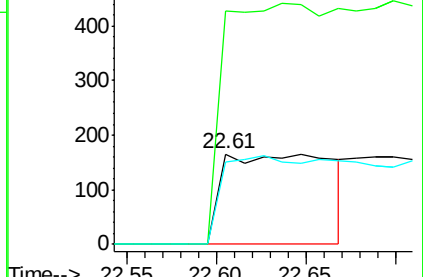
125 90.9 0.0 18.4#



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/u1

RT: 22.86 min Scan# 2362

Delta R.T. -0.04 min

Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

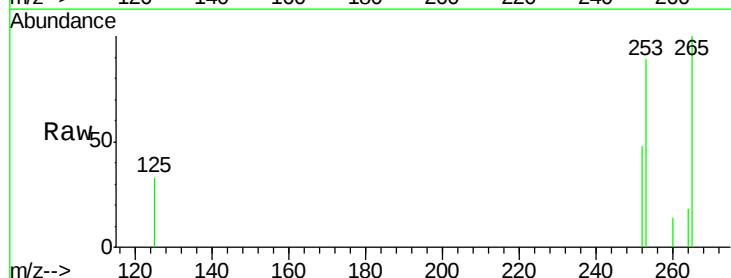
Tgt Ion:252 Resp: 119

Ion Ratio Lower Upper

252 100

253 186.0 19.8 29.6#

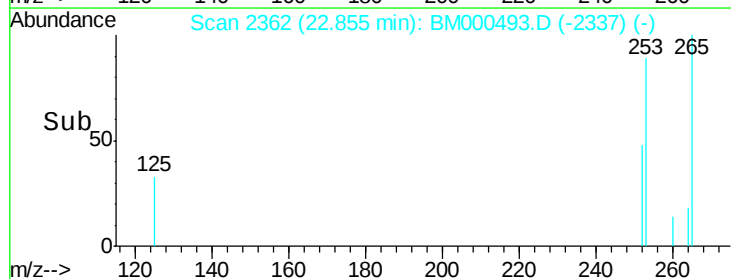
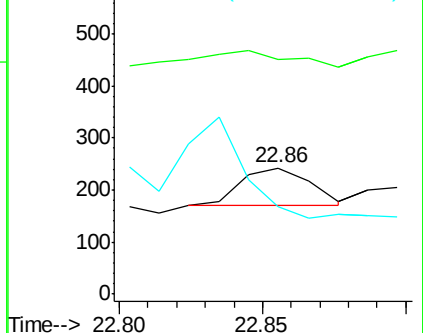
125 69.0 7.6 11.4#

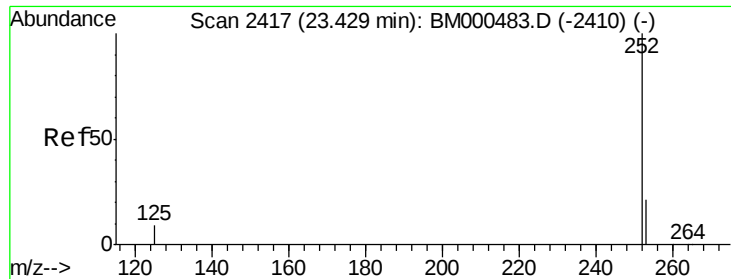


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM000493.D

Acq: 12 Feb 2015 01:07

Instrument :

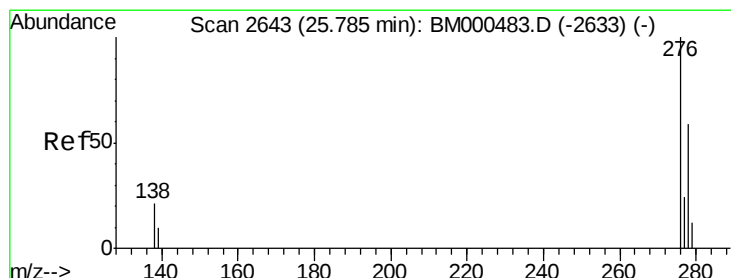
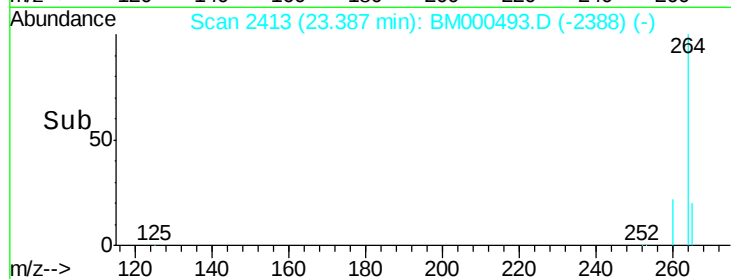
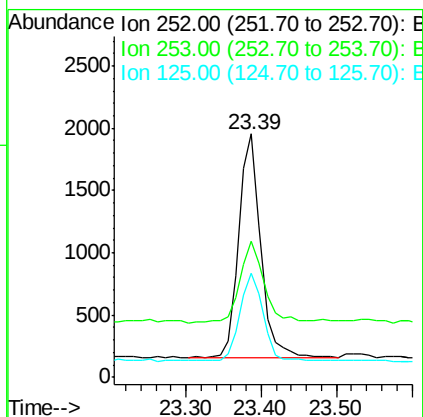
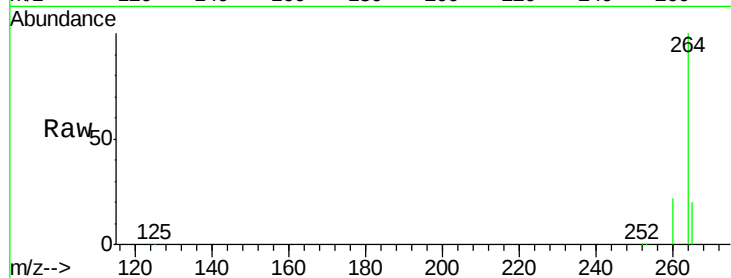
BNA_M

ClientSampleId :

A4FL7

Tgt Ion: 252 Resp: 3621

Ion	Ratio	Lower	Upper
252	100		
253	55.9	21.2	31.8#
125	42.9	8.4	12.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.64 min Scan# 2629

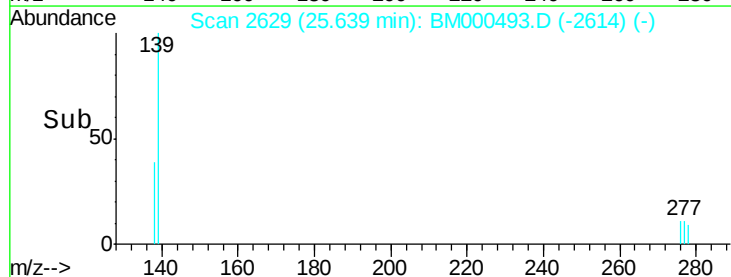
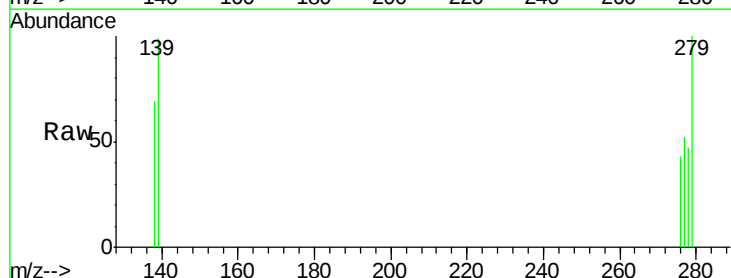
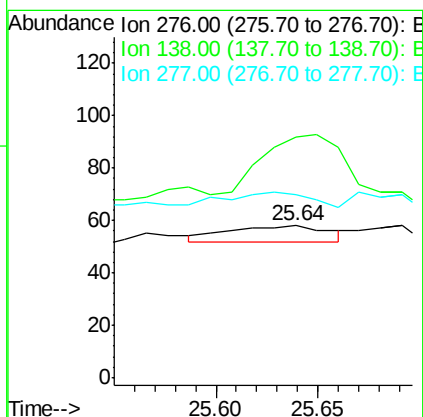
Delta R.T. -0.15 min

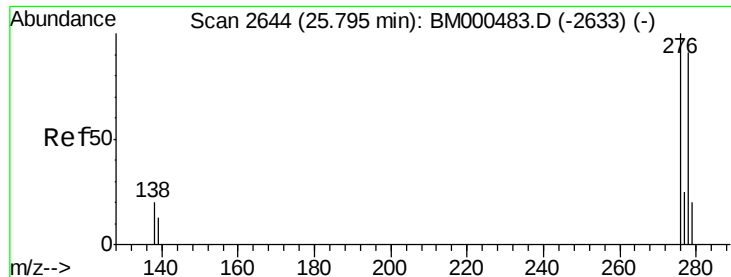
Lab File: BM000493.D

Acq: 12 Feb 2015 01:07

Tgt Ion: 276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
138	426.3	16.3	24.5#
277	0.0	20.0	30.0#

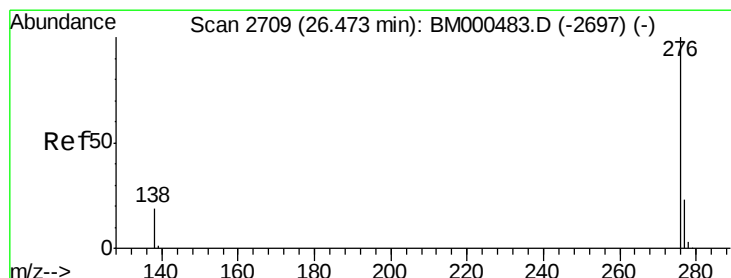
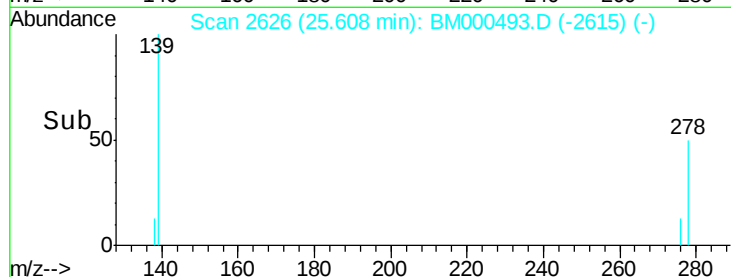
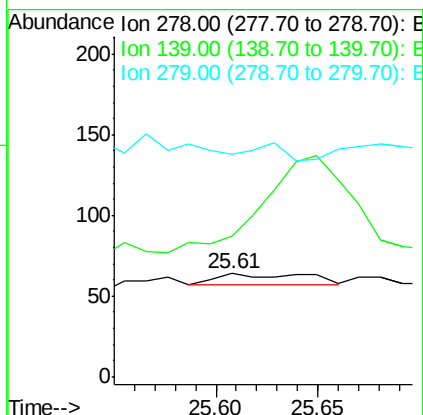
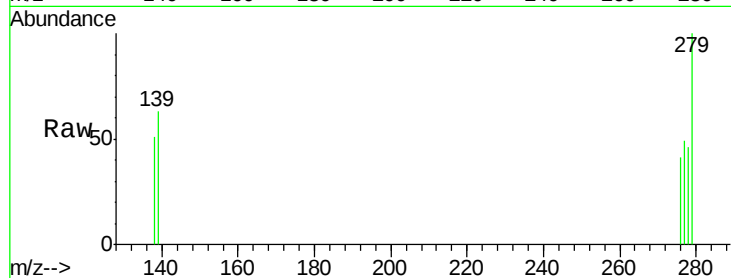




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.61 min Scan# 2626
Delta R.T. -0.19 min
Lab File: BM000493.D
Acq: 12 Feb 2015 01:07

Instrument :
BNA_M
ClientSampleId :
A4FL7

Tgt Ion: 278 Resp: 21
Ion Ratio Lower Upper
278 100
139 135.9 13.4 20.0#
279 215.6 21.3 31.9#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.27 min Scan# 2690
Delta R.T. -0.20 min
Lab File: BM000493.D
Acq: 12 Feb 2015 01:07

Tgt Ion: 276 Resp: 6
Ion Ratio Lower Upper
276 100
277 118.2 20.2 30.4#
138 125.5 16.0 24.0#

