

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000489.D
 Acq On : 11 Feb 2015 22:45
 Operator : TP/IZ
 Sample : G1249-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL3

Quant Time: Feb 12 00:09:27 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	3535	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	12643	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8423	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1225458	0.40	ng/ul	0.11
16) Chrysene-d12	21.30	240	12845	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	725612	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	6719	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.50	212	1156266	0.43	ng/ul	0.36

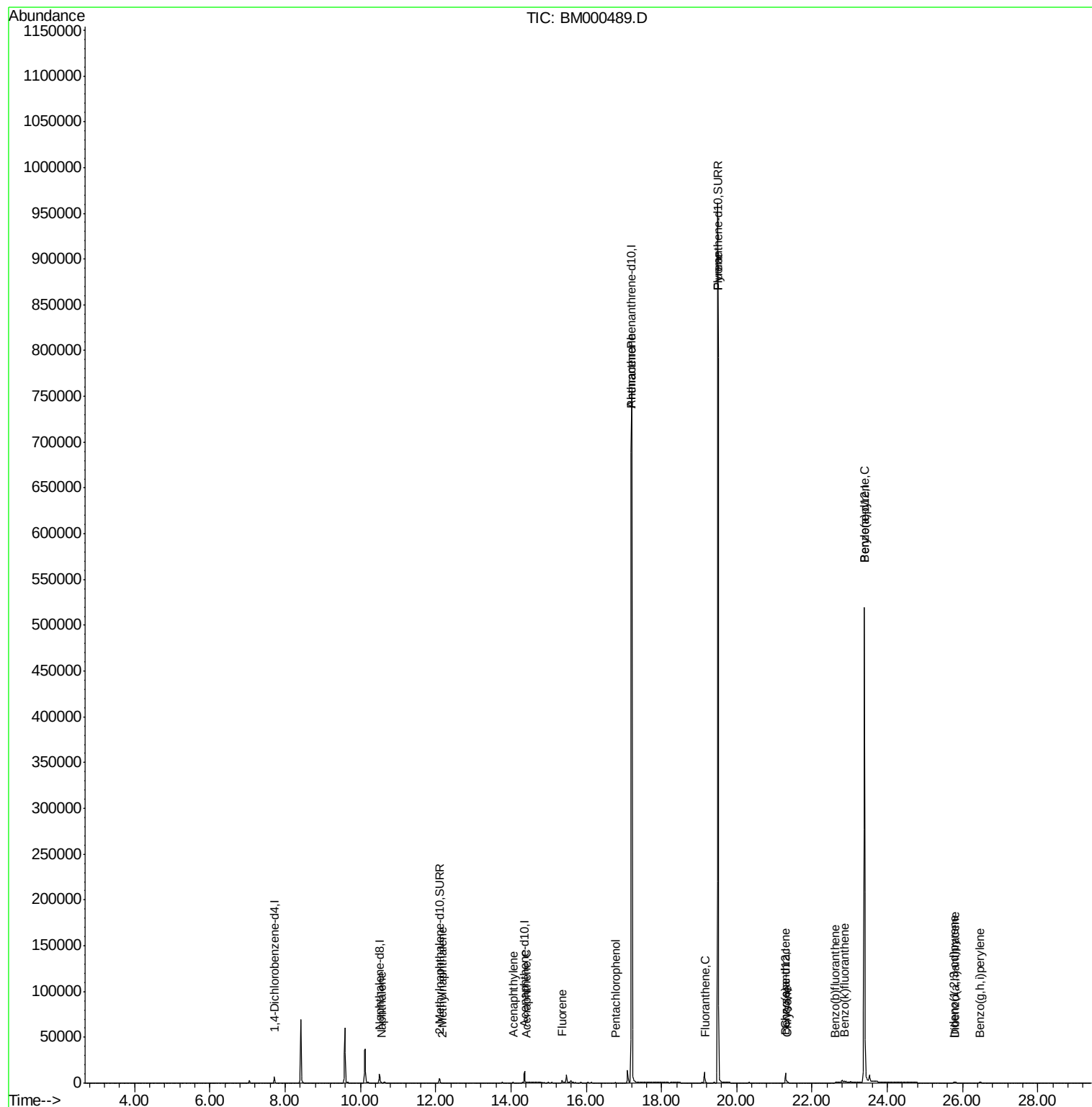
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	169	0.01	ng/ul#	15
5) 2-Methylnaphthalene	12.17	142	36	0.00	ng/ul	92
7) Acenaphthylene	14.05	152	119	0.00	ng/ul#	1
8) Acenaphthene	14.41	153	20	0.00	ng/ul#	65
9) Fluorene	15.35	166	2322	0.07	ng/ul#	18
11) Pentachlorophenol	16.78	266	28	0.00	ng/ul#	74
12) Phenanthrene	17.19	178	934	0.00	ng/ul#	1
13) Anthracene	17.19	178	930	0.00	ng/ul#	1
15) Fluoranthene	19.16	202	724	0.00	ng/ul	79
17) Pyrene	19.50	202	2818	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	1310	0.03	ng/ul#	91
19) Chrysene	21.33	228	1456	0.03	ng/ul#	92
21) Benzo(b)fluoranthene	22.63	252	337	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	1273	0.00	ng/ul#	39
23) Benzo(a)pyrene	23.39	252	4291	0.00	ng/ul#	40
24) Indeno(1,2,3-cd)pyrene	25.78	276	905	0.00	ng/ul	99
25) Dibenzo(a,h)anthracene	25.79	278	682	0.00	ng/ul#	28
26) Benzo(g,h,i)perylene	26.46	276	739	0.00	ng/ul#	61

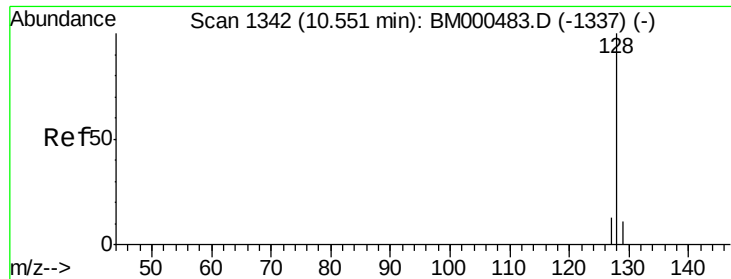
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_M

ClientSampleId :

A4FL3

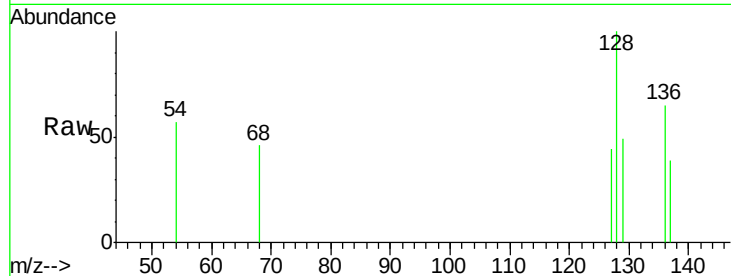
Tgt Ion:128 Resp: 169

Ion Ratio Lower Upper

128 100

129 49.0 9.2 13.8#

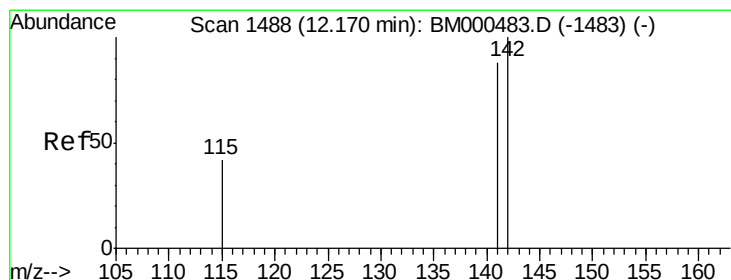
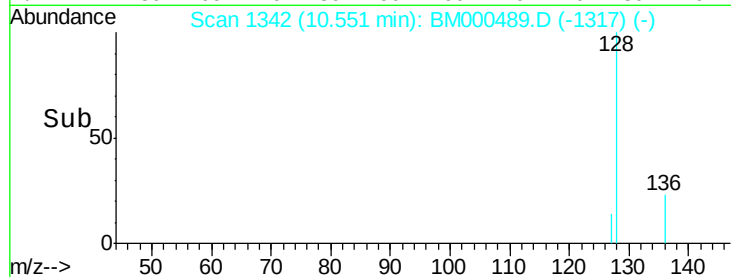
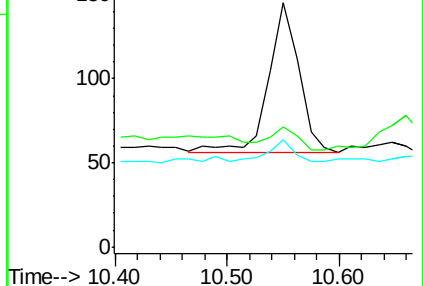
127 44.1 11.2 16.8#



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: BM000489.D

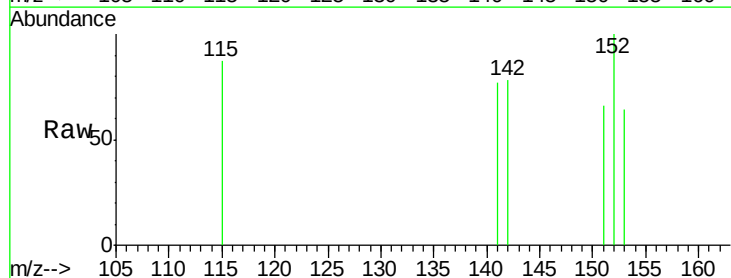
Acq: 11 Feb 2015 22:45

Tgt Ion:142 Resp: 36

Ion Ratio Lower Upper

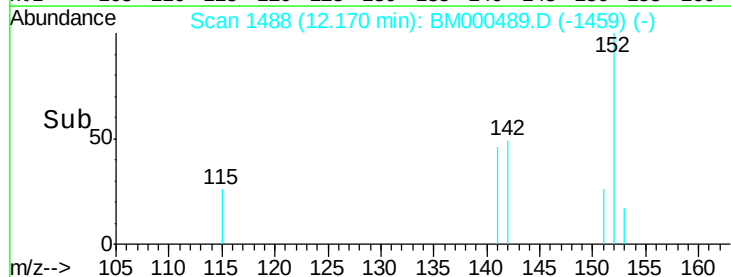
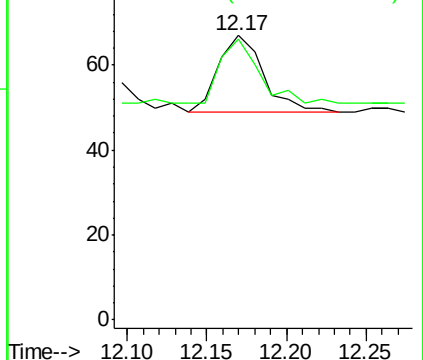
142 100

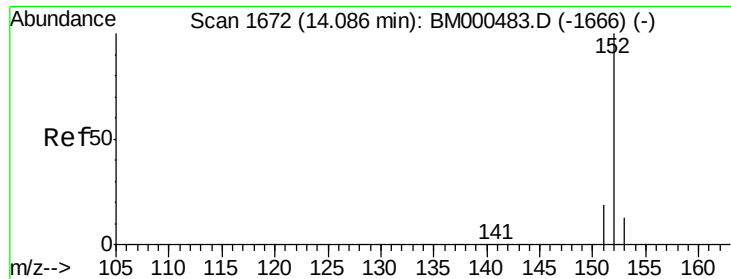
141 80.6 70.3 105.5



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: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_M

ClientSampled :

A4FL3

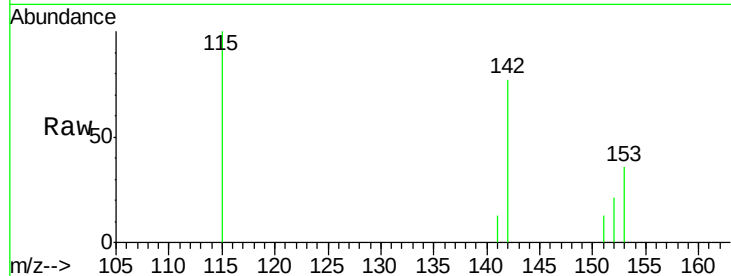
Tgt Ion:152 Resp: 119

Ion Ratio Lower Upper

152 100

151 61.9 16.1 24.1#

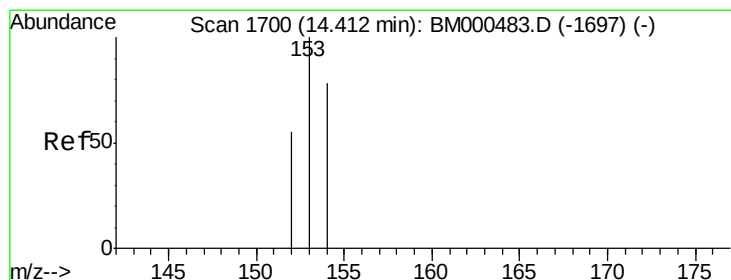
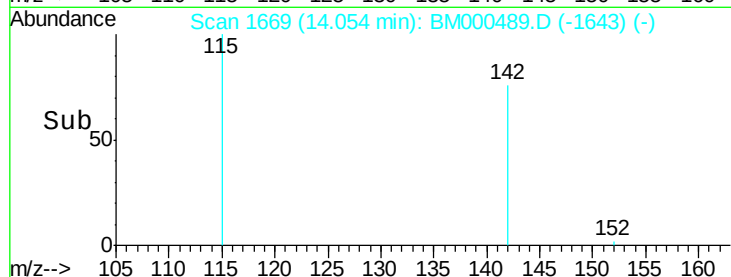
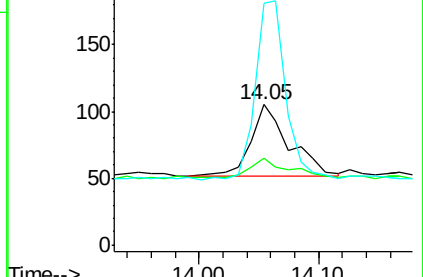
153 172.4 10.6 15.8#



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: BM000489.D

Acq: 11 Feb 2015 22:45

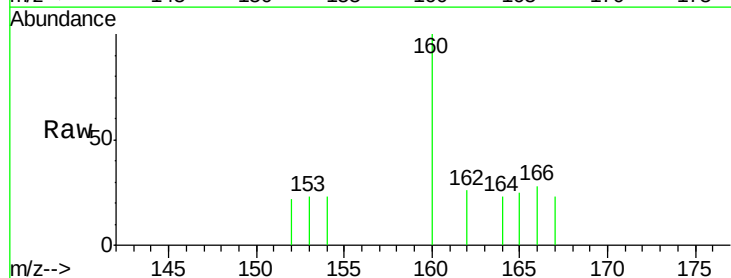
Tgt Ion:153 Resp: 20

Ion Ratio Lower Upper

153 100

152 95.1 45.6 68.4#

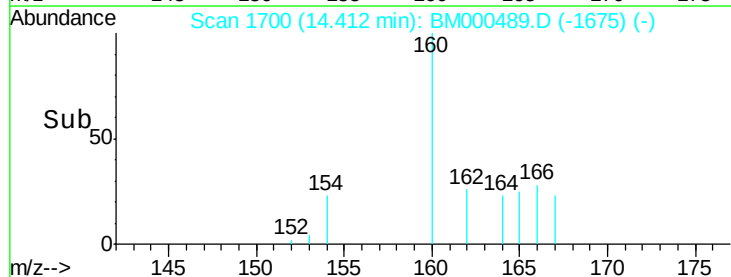
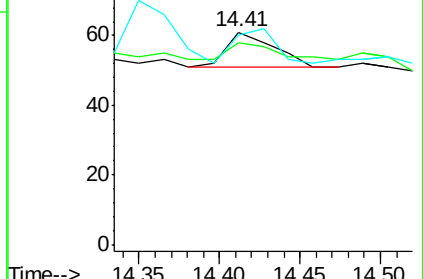
154 98.4 62.5 93.7#

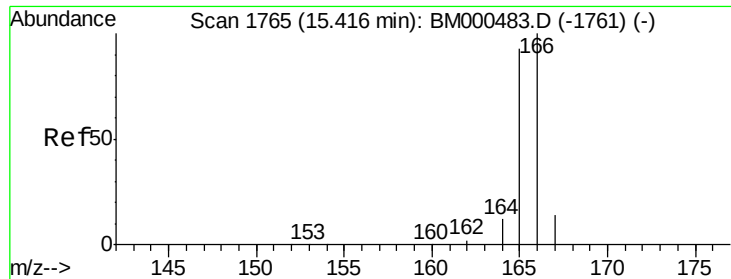


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

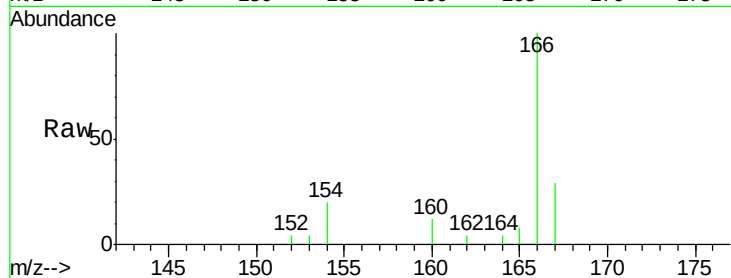




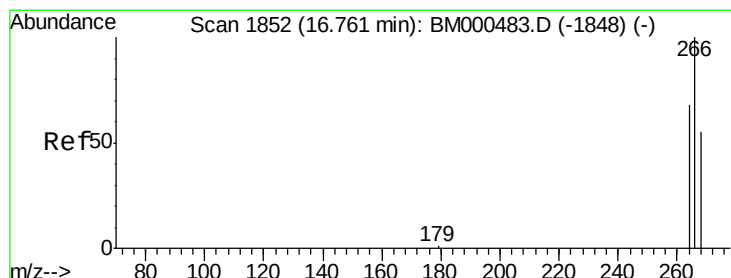
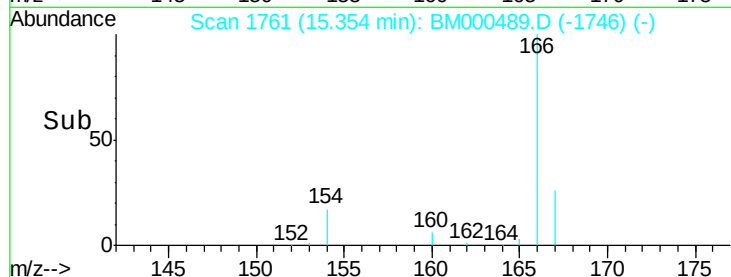
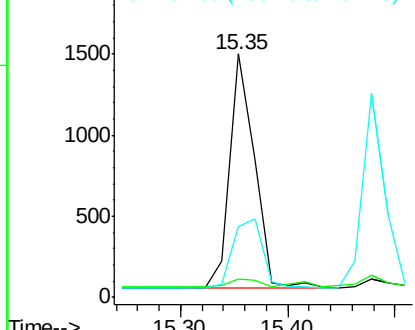
#9
Fluorene
 Concen: 0.07 ng/ul
 RT: 15.35 min Scan# 1761
 Delta R.T. -0.06 min
 Lab File: BM000489.D
 Acq: 11 Feb 2015 22:45

Instrument :
 BNA_M
 ClientSampleId :
 A4FL3

Tgt Ion:166 Resp: 2322
 Ion Ratio Lower Upper
 166 100
 165 7.5 74.4 111.6#
 167 29.0 11.3 16.9#

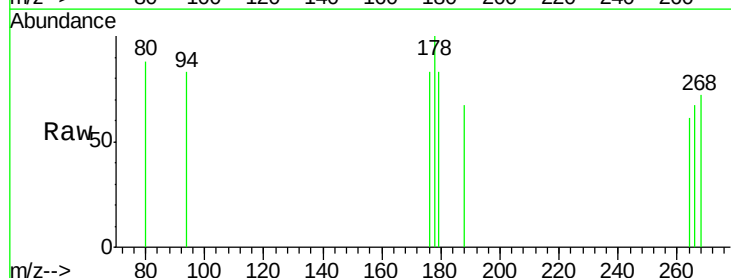


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

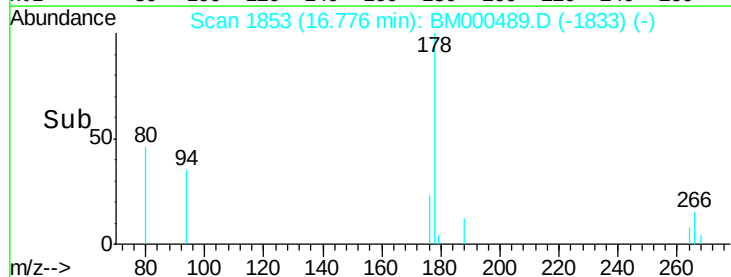
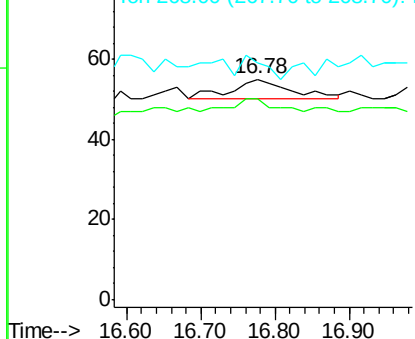


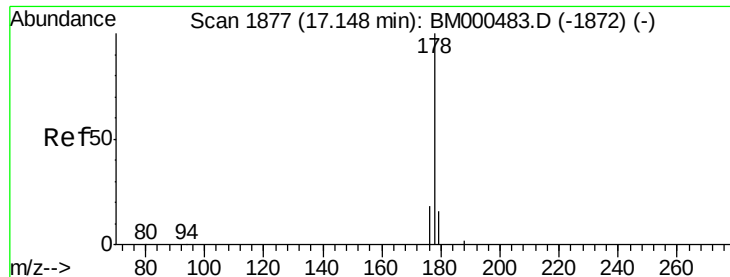
#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.02 min
 Lab File: BM000489.D
 Acq: 11 Feb 2015 22:45

Tgt Ion:266 Resp: 28
 Ion Ratio Lower Upper
 266 100
 264 42.9 49.8 74.6#
 268 42.9 51.2 76.8#



Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1880

Delta R.T. 0.05 min

Lab File: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_M

ClientSampleId :

A4FL3

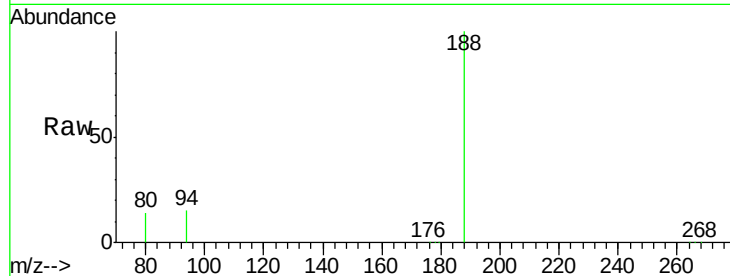
Tgt Ion:178 Resp: 934

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.4

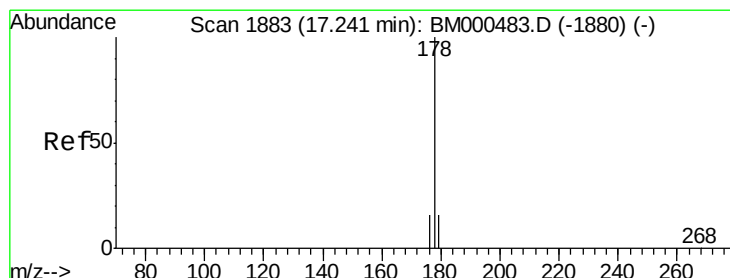
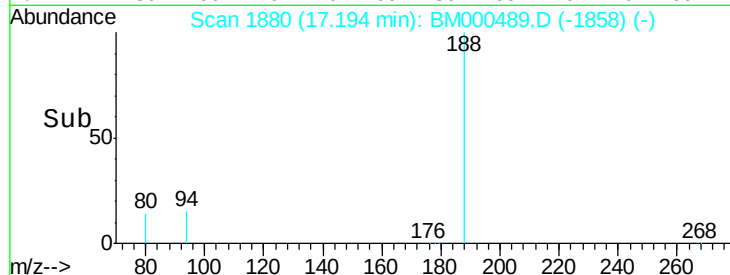
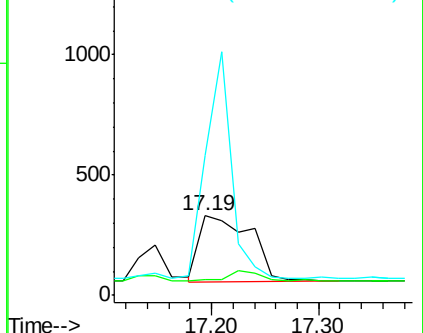
179 175.2 13.0 19.4#



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: BM000489.D

Acq: 11 Feb 2015 22:45

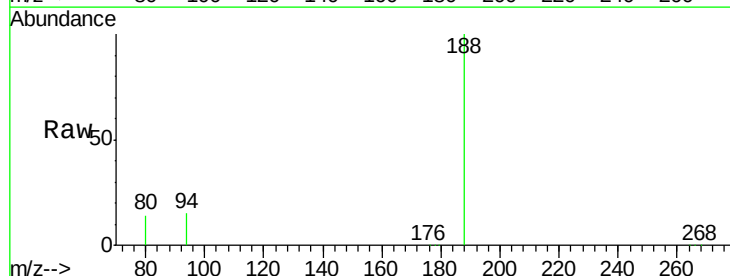
Tgt Ion:178 Resp: 930

Ion Ratio Lower Upper

178 100

176 20.2 13.9 20.9

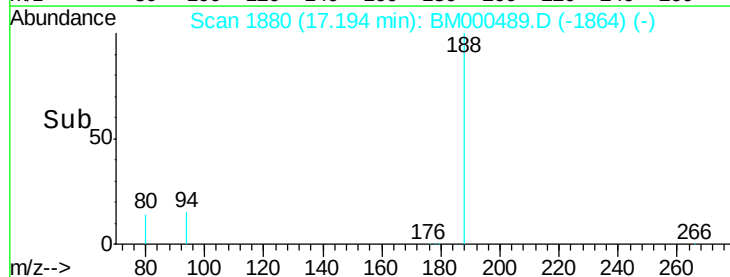
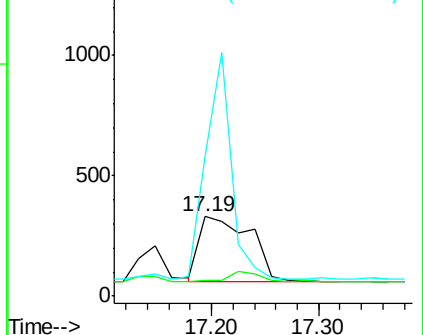
179 175.2 13.2 19.8#

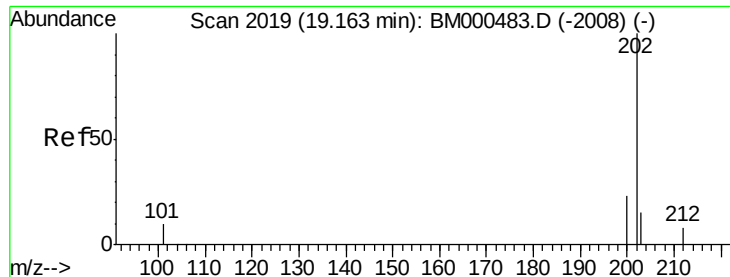


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

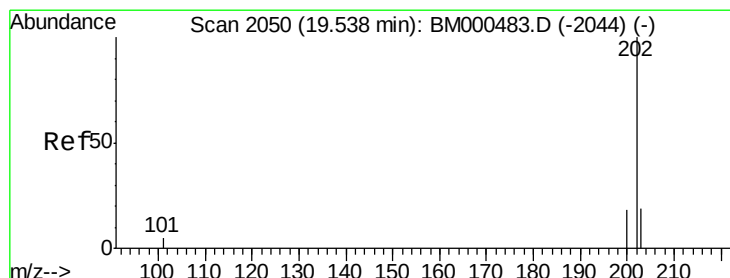
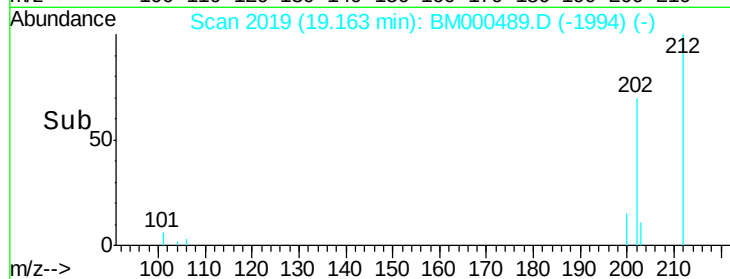
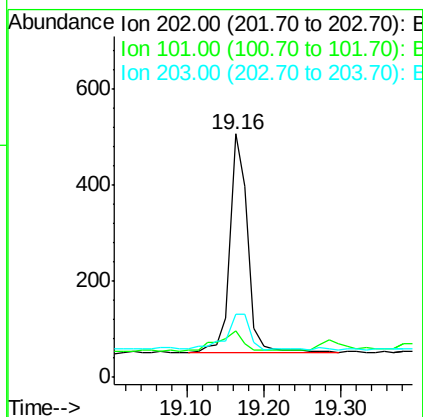
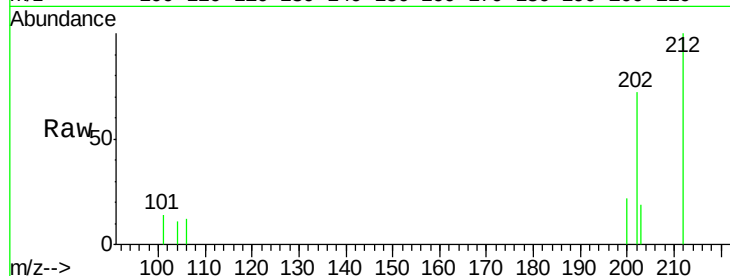




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.16 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM000489.D
Acq: 11 Feb 2015 22:45

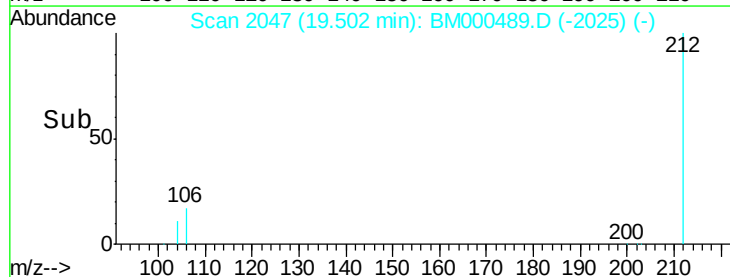
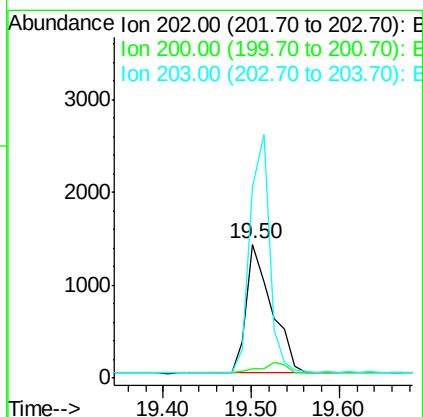
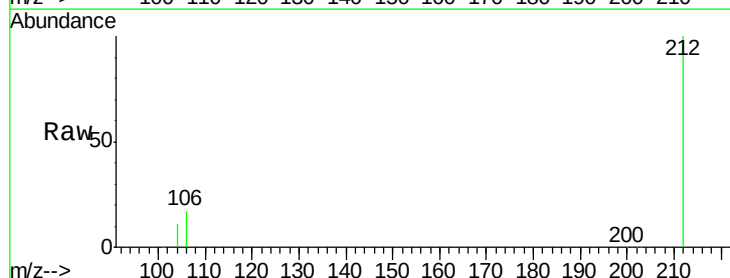
Instrument :
BNA_M
ClientSampleId :
A4FL3

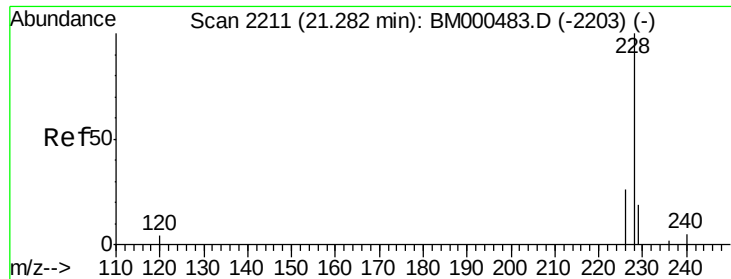
Tgt Ion:202 Resp: 724
Ion Ratio Lower Upper
202 100
101 19.3 0.0 24.6
203 26.0 0.0 39.2



#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.50 min Scan# 2047
Delta R.T. -0.04 min
Lab File: BM000489.D
Acq: 11 Feb 2015 22:45

Tgt Ion:202 Resp: 2818
Ion Ratio Lower Upper
202 100
200 7.1 14.9 22.3#
203 143.1 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: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_M

ClientSampleId :

A4FL3

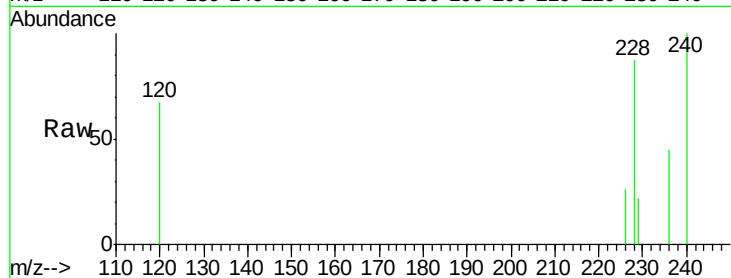
Tgt Ion:228 Resp: 1310

Ion Ratio Lower Upper

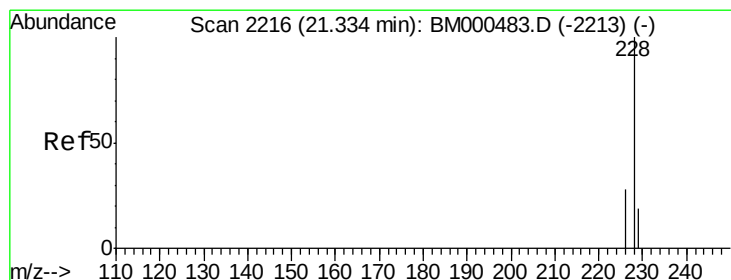
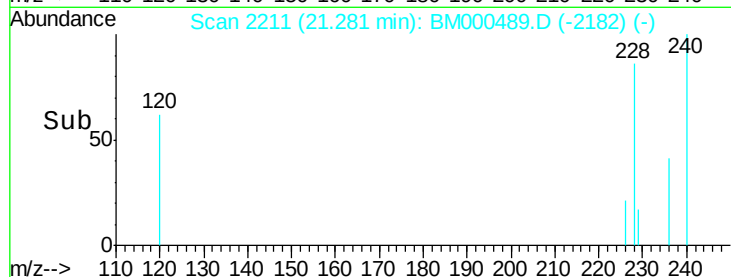
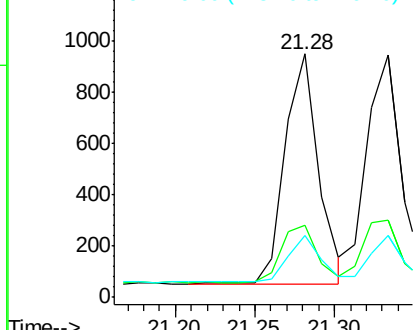
228 100

226 29.6 21.4 32.0

229 25.4 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: 0.03 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000489.D

Acq: 11 Feb 2015 22:45

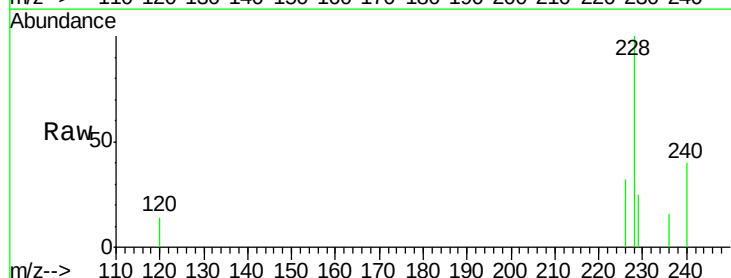
Tgt Ion:228 Resp: 1456

Ion Ratio Lower Upper

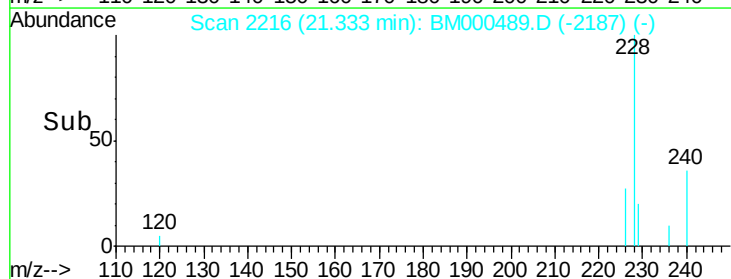
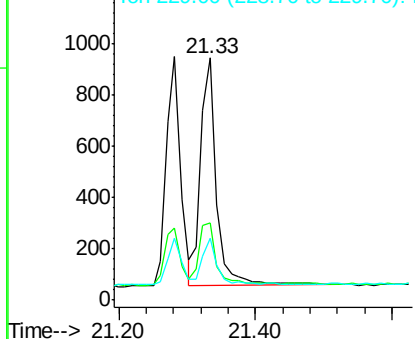
228 100

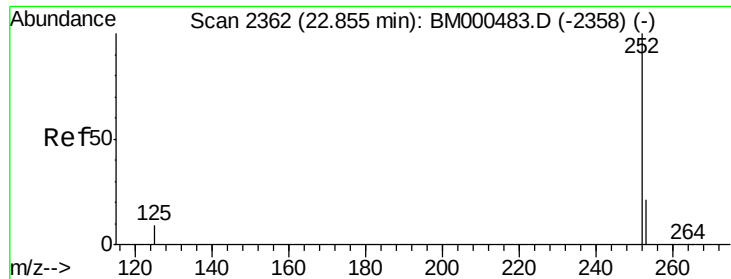
226 31.9 23.0 34.6

229 25.3 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/ul

RT: 22.63 min Scan# 2340

Delta R.T. -0.23 min

Lab File: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_M

ClientSampleId :

A4FL3

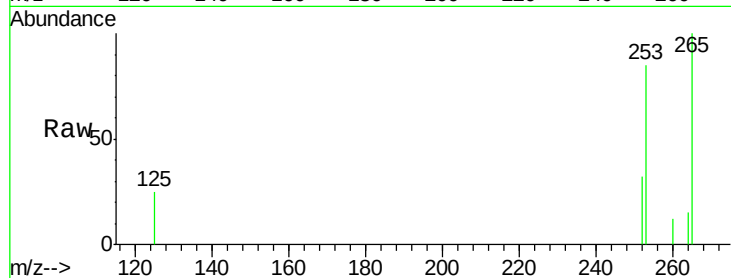
Tgt Ion:252 Resp: 337

Ion Ratio Lower Upper

252 100

253 264.3 0.0 49.0#

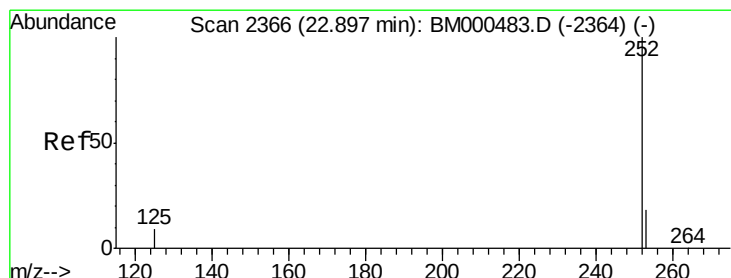
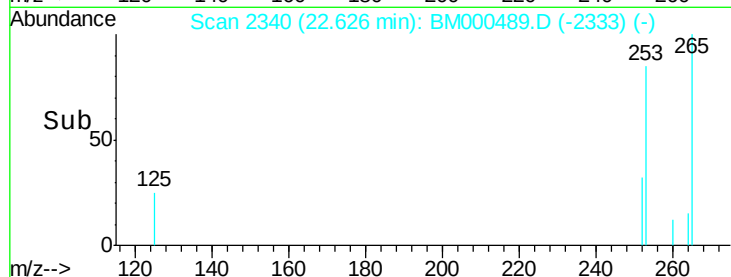
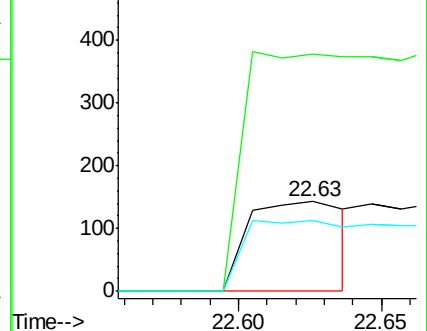
125 79.0 0.0 18.4#



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: BM000489.D

Acq: 11 Feb 2015 22:45

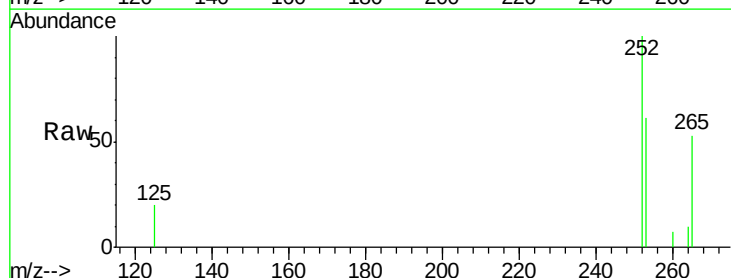
Tgt Ion:252 Resp: 1273

Ion Ratio Lower Upper

252 100

253 61.4 19.8 29.6#

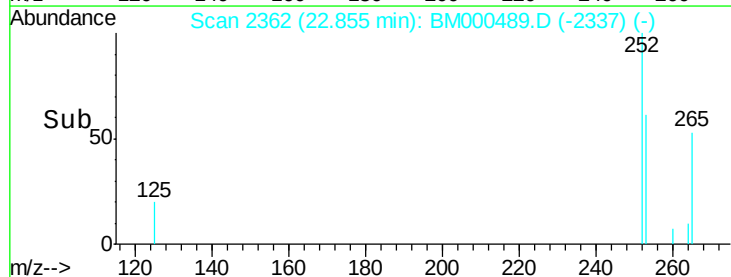
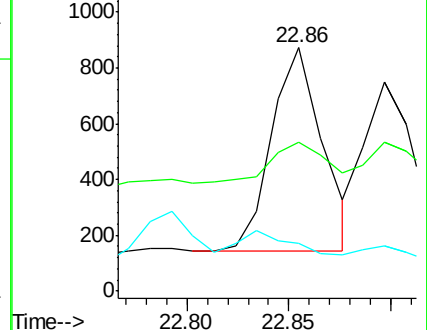
125 19.6 7.6 11.4#

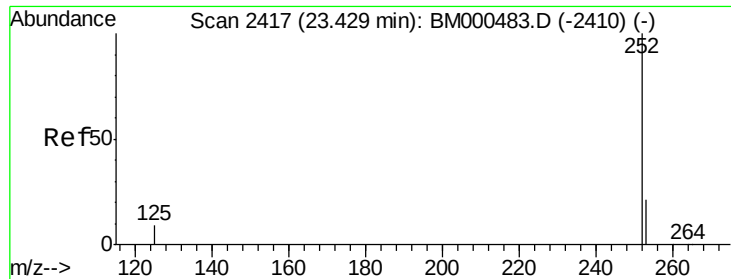


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

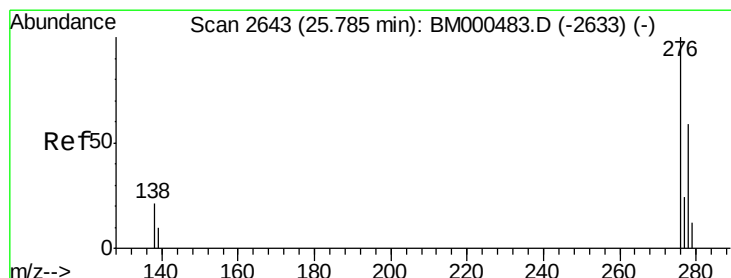
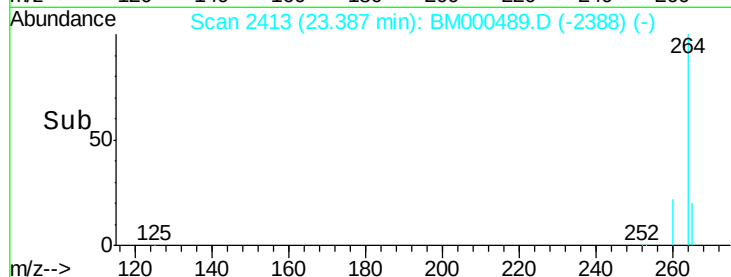
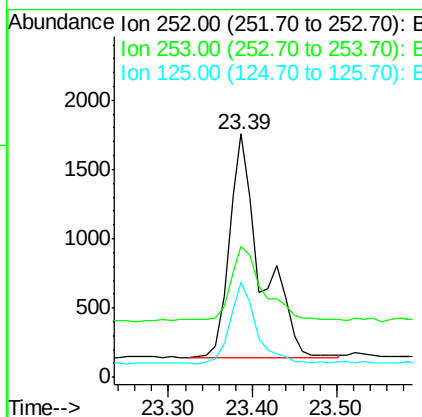
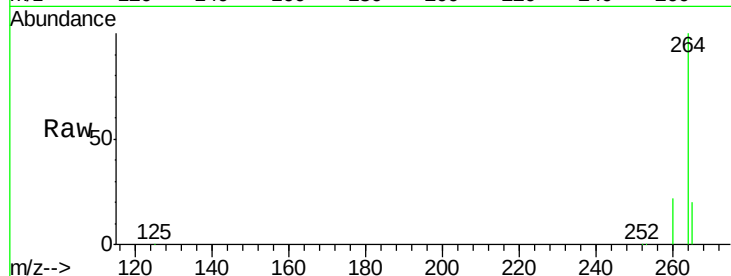
BNA_M

ClientSampleId :

A4FL3

Tgt Ion: 252 Resp: 4291

Ion	Ratio	Lower	Upper
252	100		
253	53.8	21.2	31.8#
125	38.9	8.4	12.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.78 min Scan# 2643

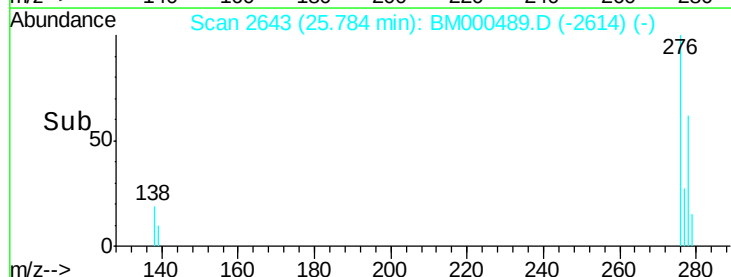
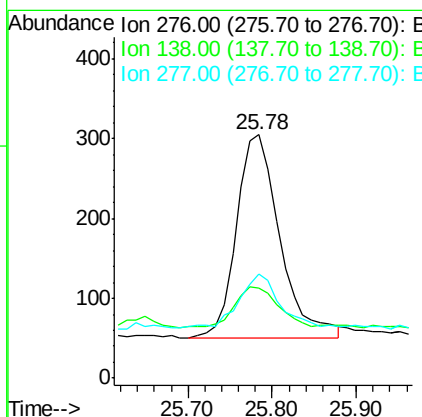
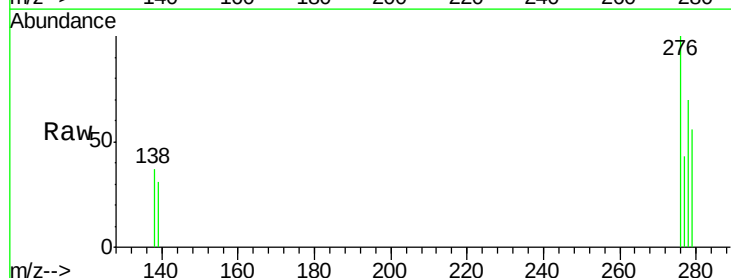
Delta R.T. -0.00 min

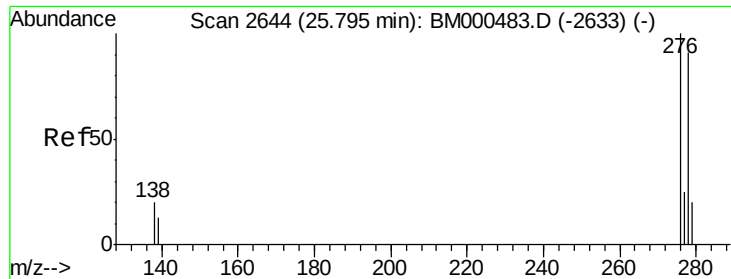
Lab File: BM000489.D

Acq: 11 Feb 2015 22:45

Tgt Ion: 276 Resp: 905

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.3	24.5
277	24.6	20.0	30.0





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.79 min Scan# 2644

Delta R.T. -0.00 min

Lab File: BM000489.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_M

ClientSampleId :

A4FL3

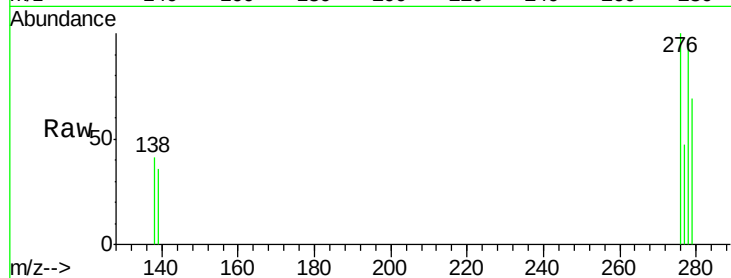
Tgt Ion:278 Resp: 682

Ion Ratio Lower Upper

278 100

139 37.5 13.4 20.0#

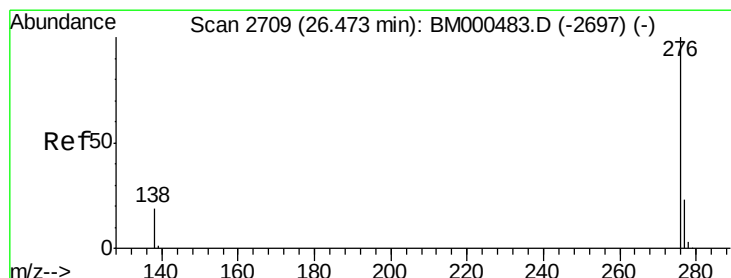
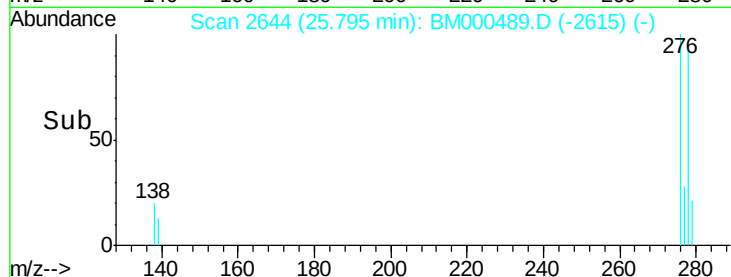
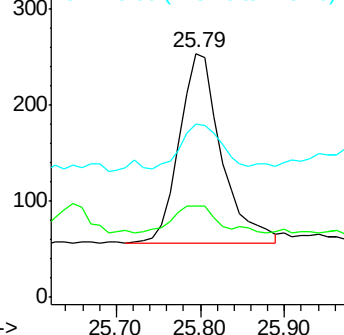
279 71.1 21.3 31.9#



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: 26.46 min Scan# 2708

Delta R.T. -0.01 min

Lab File: BM000489.D

Acq: 11 Feb 2015 22:45

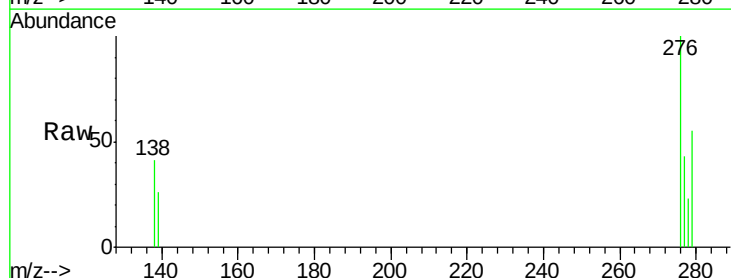
Tgt Ion:276 Resp: 739

Ion Ratio Lower Upper

276 100

277 42.5 20.2 30.4#

138 41.0 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

