

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
 Data File : BM003210.D
 Acq On : 20 Nov 2015 03:24
 Operator : UM/IZ
 Sample : G4323-31
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Quant Time: Nov 20 07:50:17 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 03:16:26 2015
 Response via : Initial Calibration

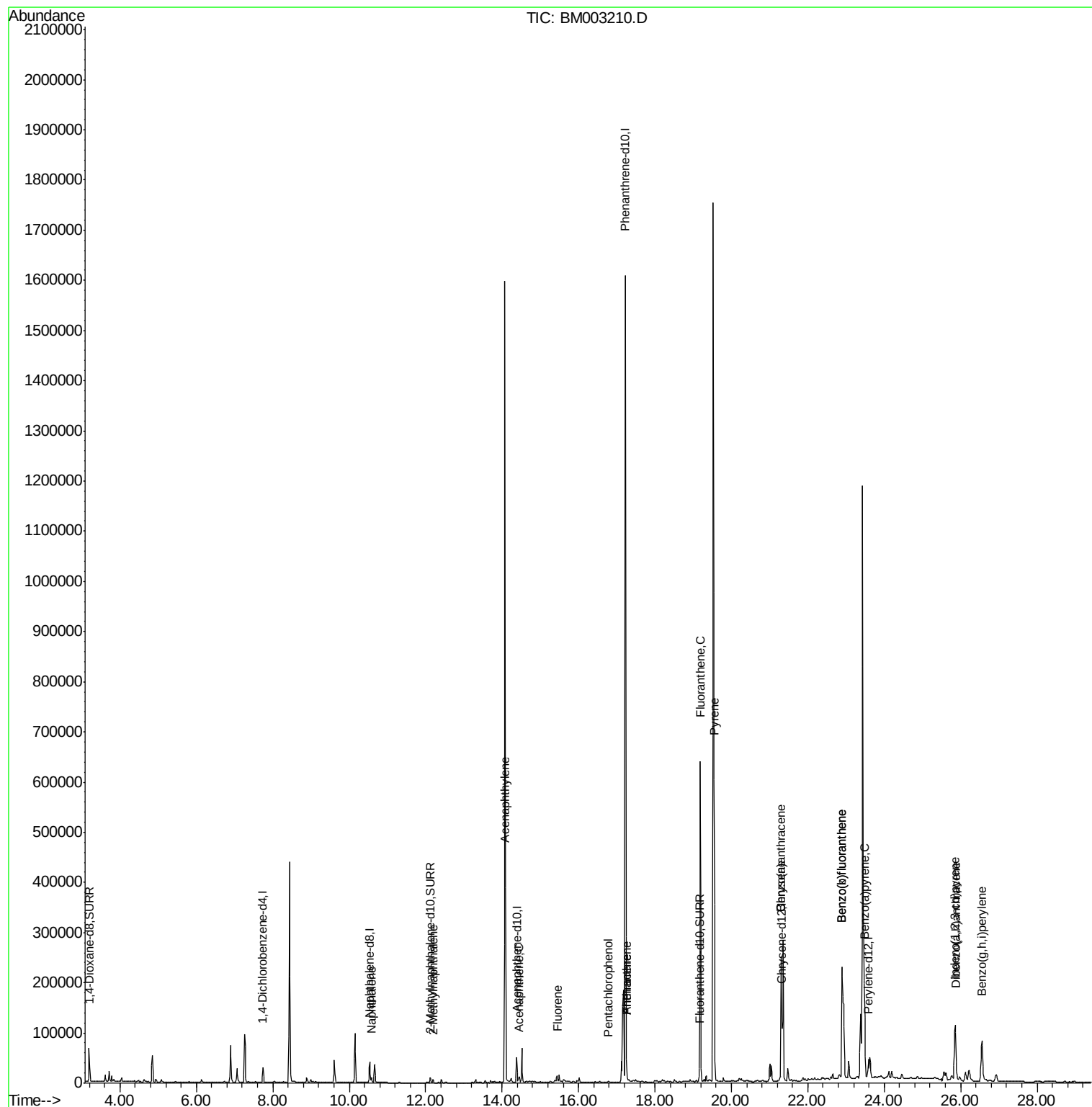
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14870	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	58920	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28572	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	1906894	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	52377	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	53154	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	49612	3.12	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	13322	0.17	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	20398	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	12994	0.09	ng/ul	96
7) 2-Methylnaphthalene	12.19	142	4804	0.05	ng/ul#	100
9) Acenaphthylene	14.09	152	24618	0.21	ng/ul	98
10) Acenaphthene	14.45	153	7942	0.08	ng/ul	97
11) Fluorene	15.44	166	16366	0.15	ng/ul#	96
13) Pentachlorophenol	16.78	266	1354	0.00	ng/ul#	19
14) Phenanthrene	17.26	178	42549	0.01	ng/ul	97
15) Anthracene	17.26	178	41705	0.01	ng/ul	98
17) Fluoranthene	19.19	202	579250	0.09	ng/ul	99
19) Pyrene	19.55	202	520358	2.90	ng/ul	99
20) Benzo(a)anthracene	21.30	228	231430	1.52	ng/ul#	91
21) Chrysene	21.30	228	230408	1.35	ng/ul	94
23) Benzo(b)fluoranthene	22.90	252	509965	2.52	ng/ul	98
24) Benzo(k)fluoranthene	22.90	252	509965	2.67	ng/ul#	94
25) Benzo(a)pyrene	23.48	252	244996	1.36	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.86	276	179421	0.84	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.87	278	41949	0.24	ng/ul#	85
28) Benzo(a,h,i)perylene	26.56	276	168253	0.89	ng/ul	98

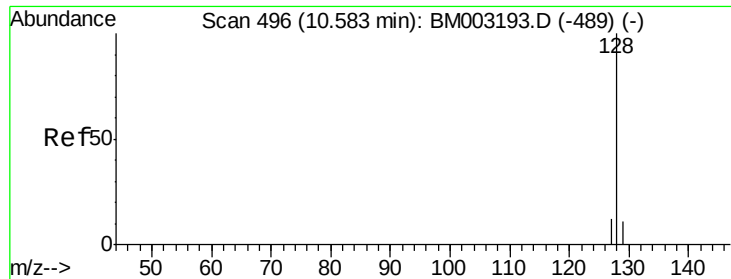
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 03:16:26 2015
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#5

Naphthalene

Concen: 0.09 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Instrument :

BNA_M

ClientSampleId :

A4J60

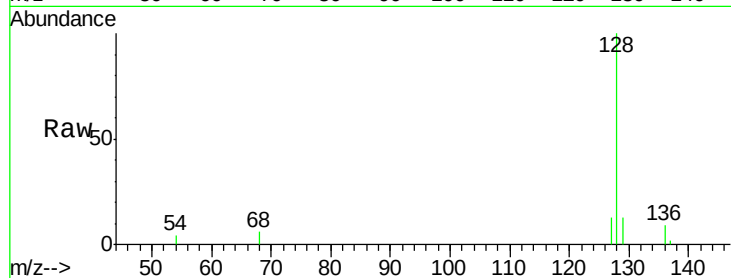
Tot Ion:128 Resp: 12994

Ion Ratio Lower Upper

128 100

129 13.5 9.0 13.6

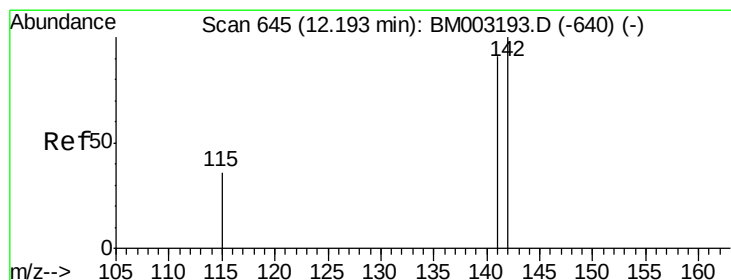
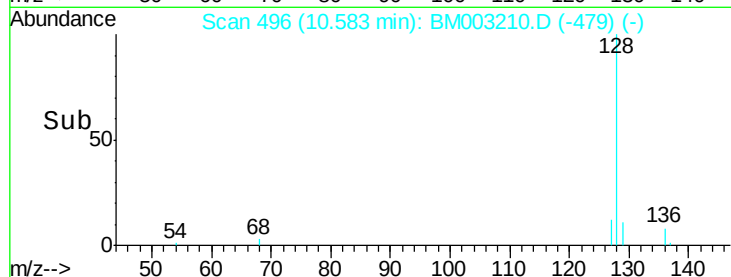
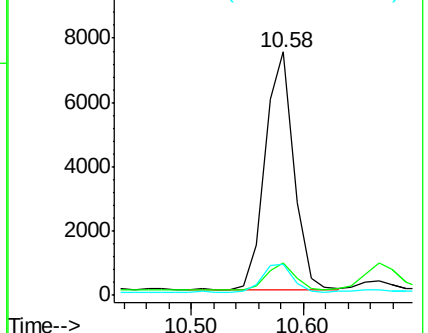
127 12.7 9.6 14.4



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



#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003210.D

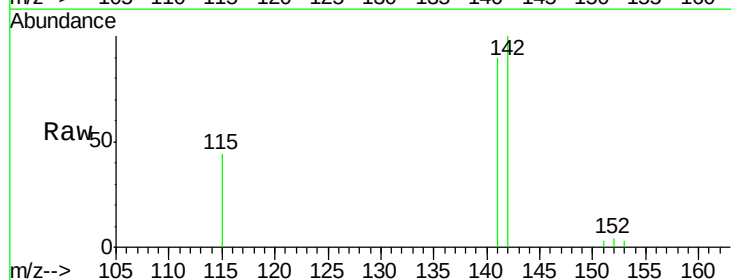
Acq: 20 Nov 2015 03:24

Tgt Ion:142 Resp: 4804

Ion Ratio Lower Upper

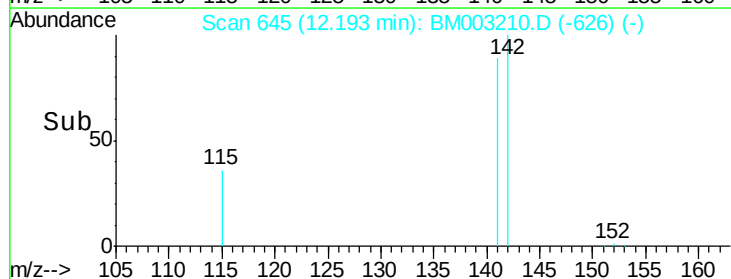
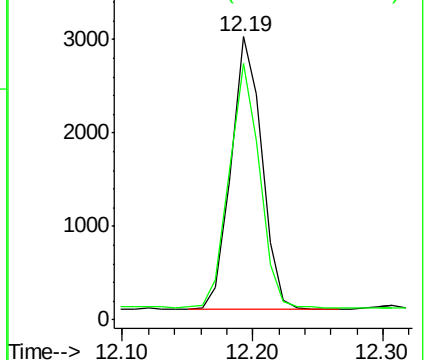
142 100

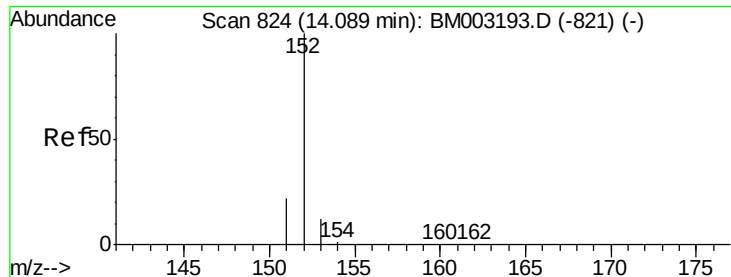
141 88.4 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Instrument :

BNA_M

ClientSampleId :

A4J60

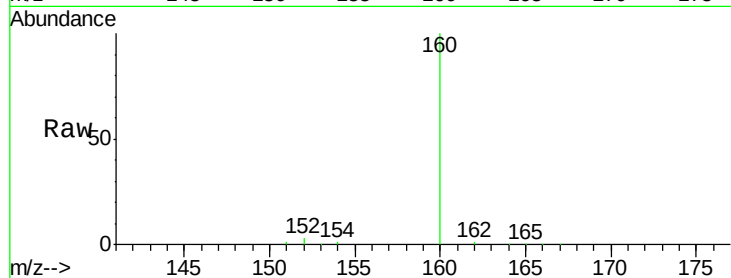
Tot Ion:152 Resp: 24618

Ion Ratio Lower Upper

152 100

151 22.8 17.6 26.4

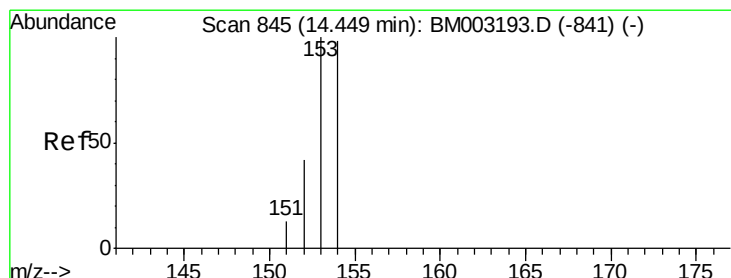
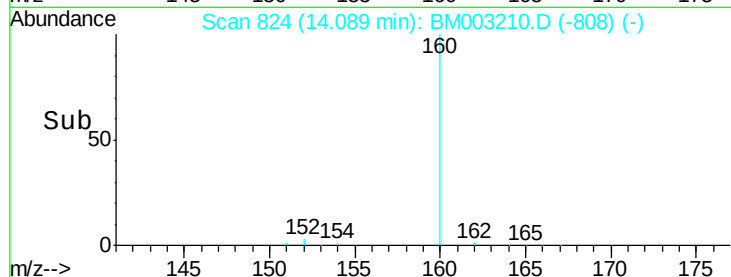
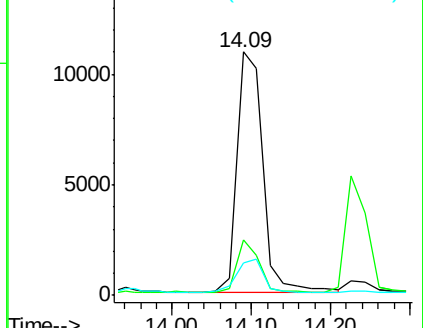
153 13.3 9.7 14.5



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



#10

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

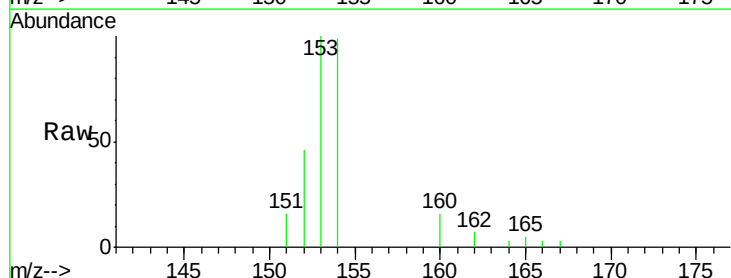
Tgt Ion:153 Resp: 7942

Ion Ratio Lower Upper

153 100

152 46.5 33.9 50.9

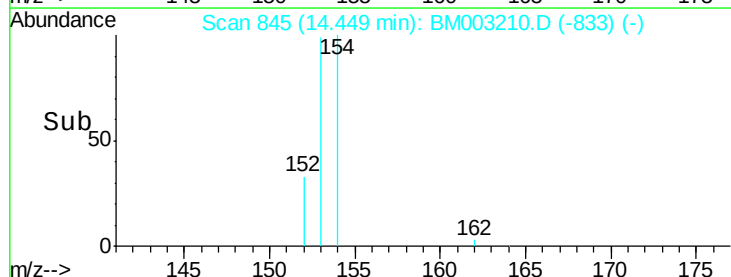
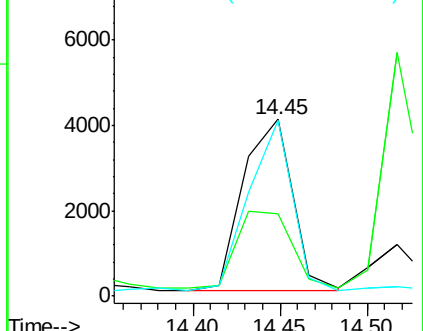
154 99.4 80.6 121.0

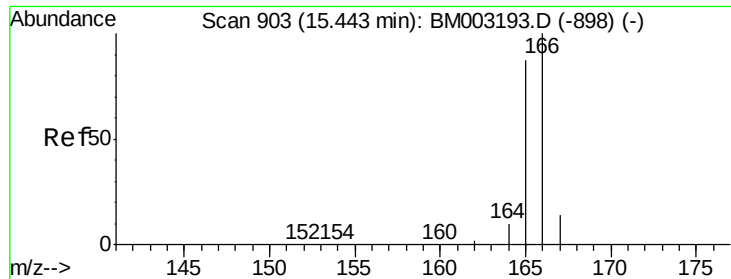


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.15 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Instrument :

BNA_M

ClientSampleId :

A4J60

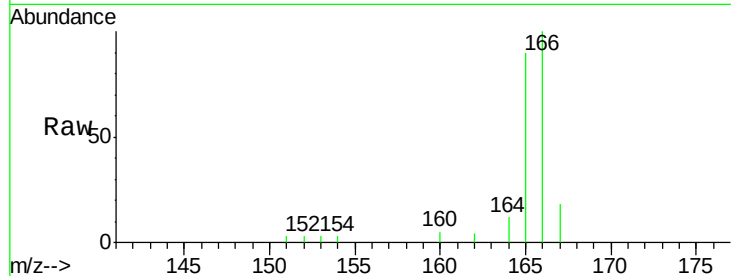
Tot Ion:166 Resp: 16366

Ion Ratio Lower Upper

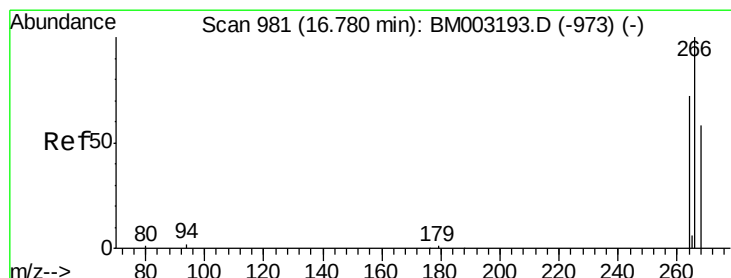
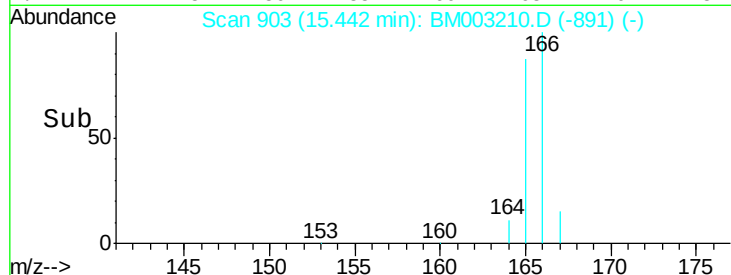
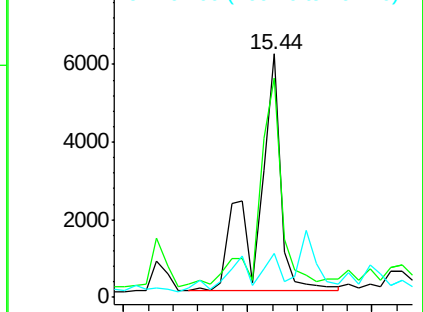
166 100

165 89.9 69.6 104.4

167 18.1 11.9 17.9#



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



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

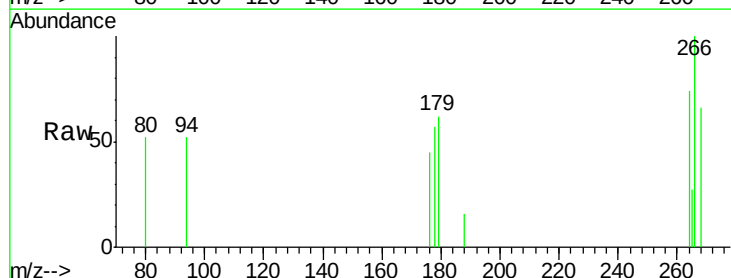
Tgt Ion:266 Resp: 1354

Ion Ratio Lower Upper

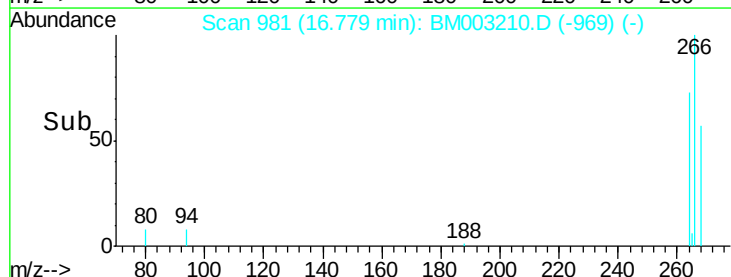
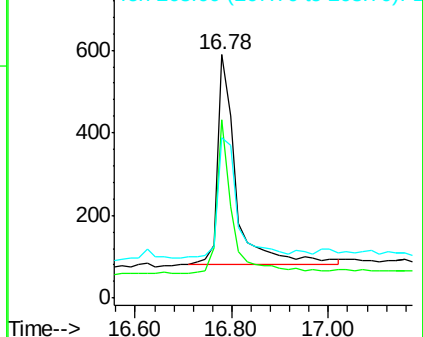
266 100

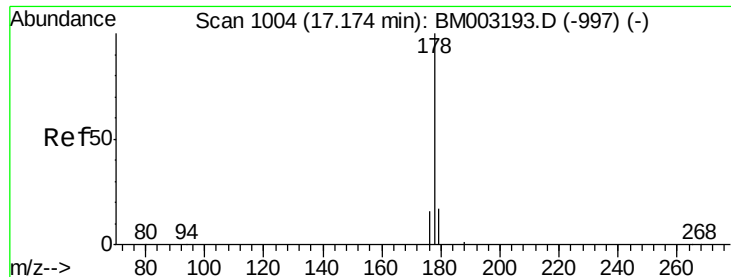
264 61.0 0.3 0.5#

268 59.5 0.0 0.0#



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





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.09 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Instrument :

BNA_M

ClientSampleId :

A4J60

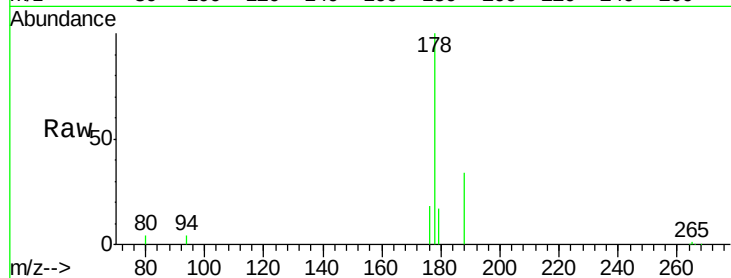
Tot Ion:178 Resp: 42549

Ion Ratio Lower Upper

178 100

176 18.1 13.0 19.4

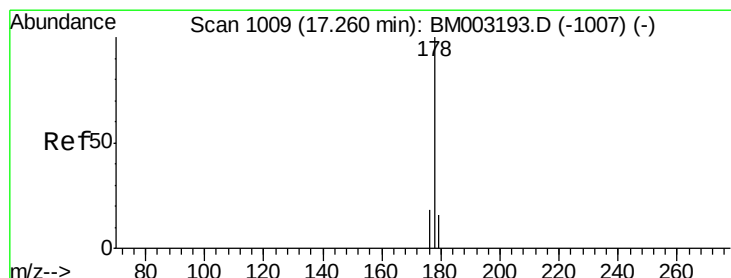
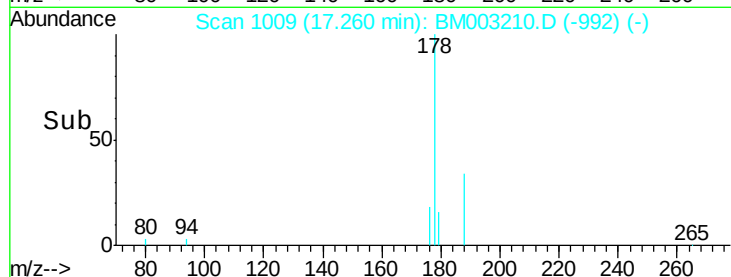
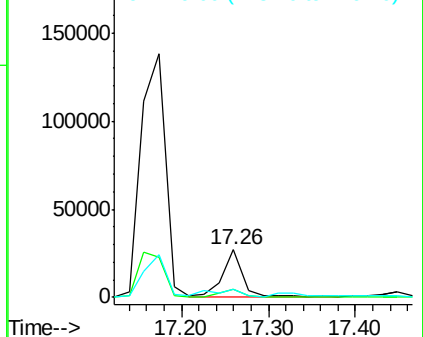
179 17.0 14.2 21.2



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

Anthracene

Concen: 0.01 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

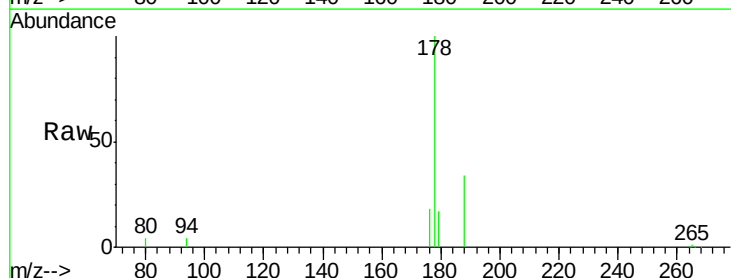
Tgt Ion:178 Resp: 41705

Ion Ratio Lower Upper

178 100

176 18.1 14.0 21.0

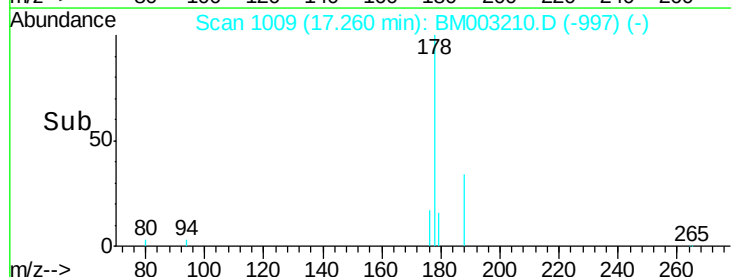
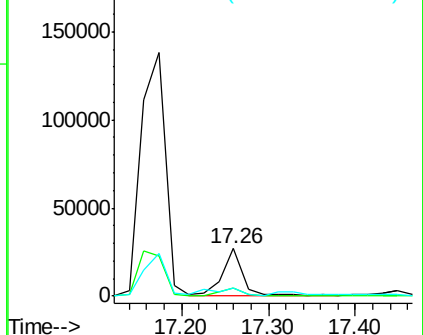
179 17.0 12.9 19.3

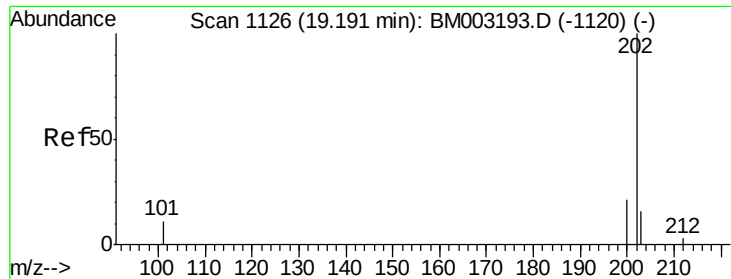


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

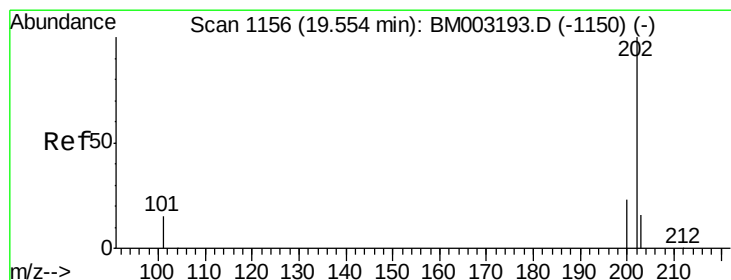
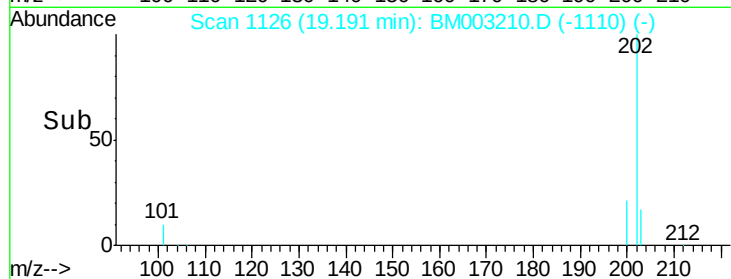
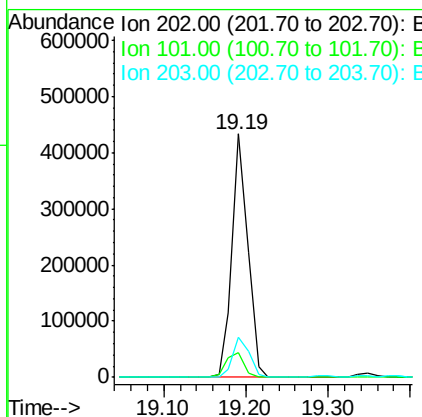
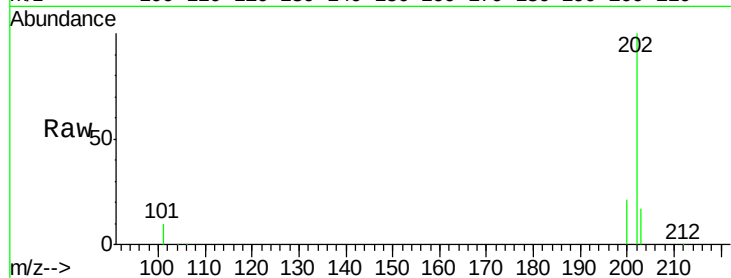




#17
Fluoranthene
Concen: 0.09 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003210.D
Acq: 20 Nov 2015 03:24

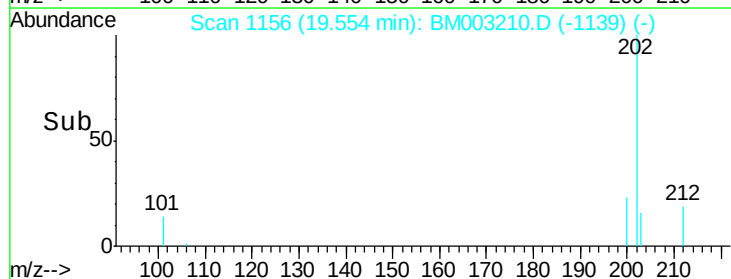
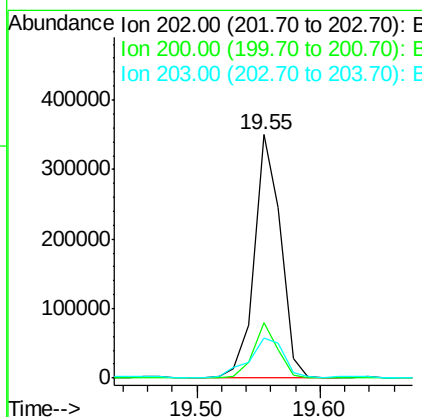
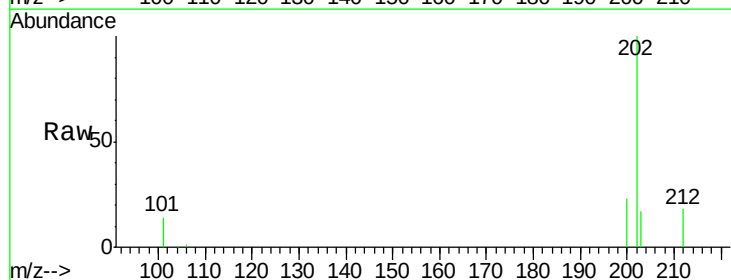
Instrument :
BNA_M
ClientSampleId :
A4J60

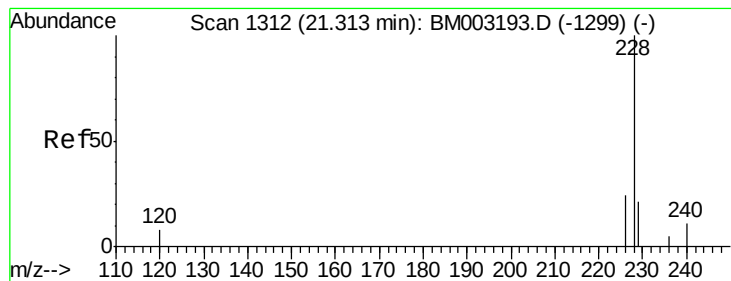
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	16.5	0.0	36.3



#19
Pyrene
Concen: 2.90 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003210.D
Acq: 20 Nov 2015 03:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.8
203	16.5	12.8	19.2





#20

Benzo(a)anthracene

Concen: 1.52 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Instrument :

BNA_M

ClientSampleId :

A4J60

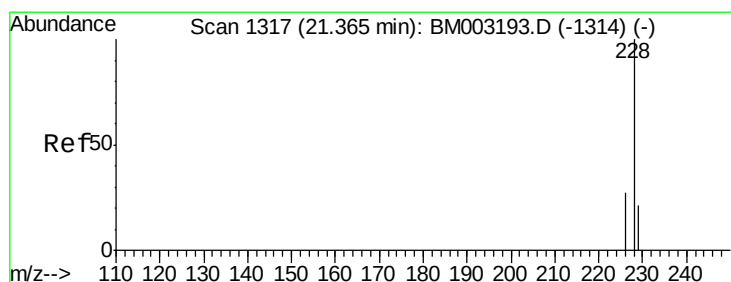
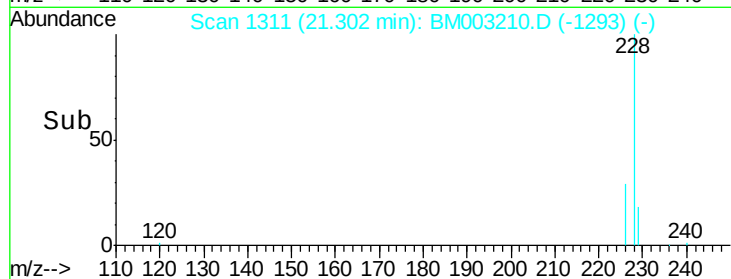
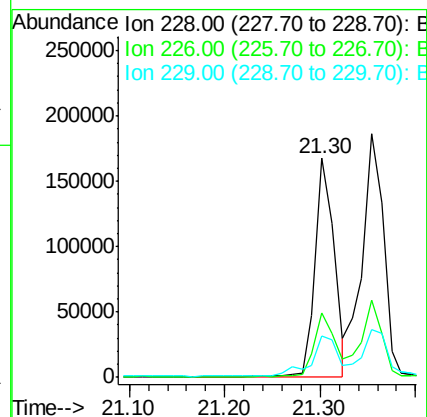
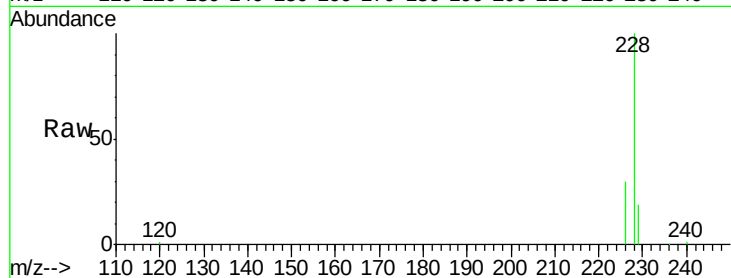
Tot Ion:228 Resp: 231430

Ion Ratio Lower Upper

228 100

226 29.5 18.8 28.2#

229 18.8 17.1 25.7



#21

Chrysene

Concen: 1.35 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

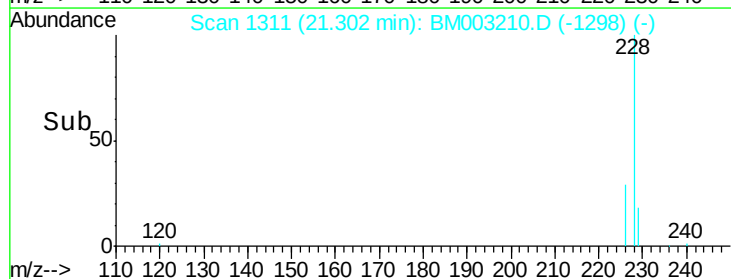
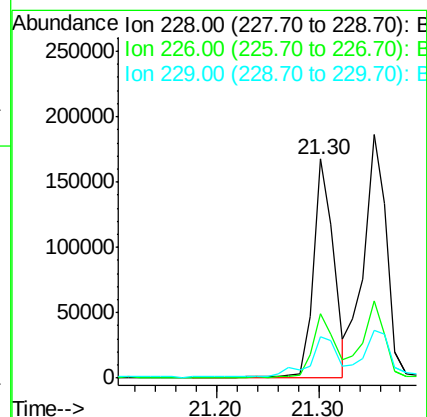
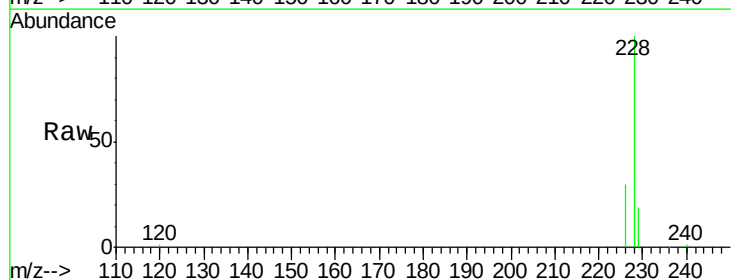
Tgt Ion:228 Resp: 230408

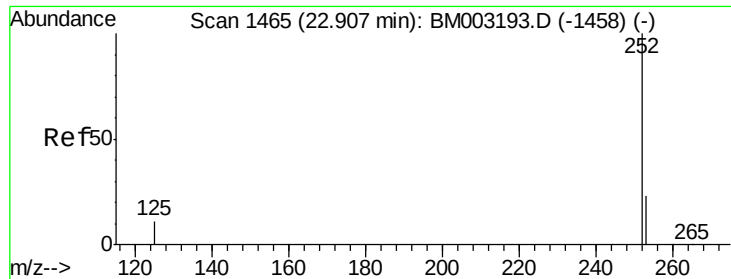
Ion Ratio Lower Upper

228 100

226 29.5 21.2 31.8

229 18.8 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 2.52 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

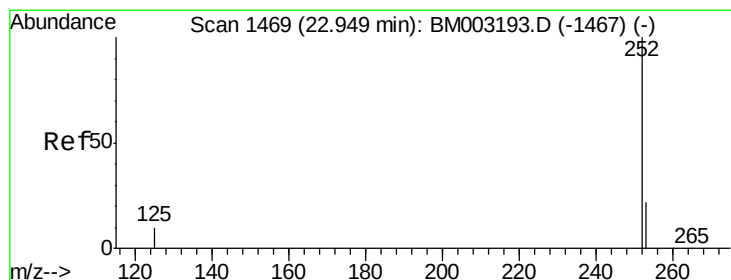
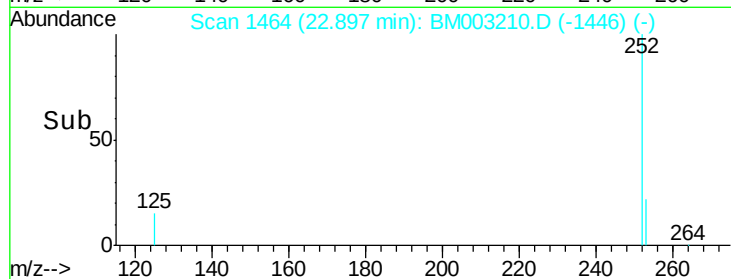
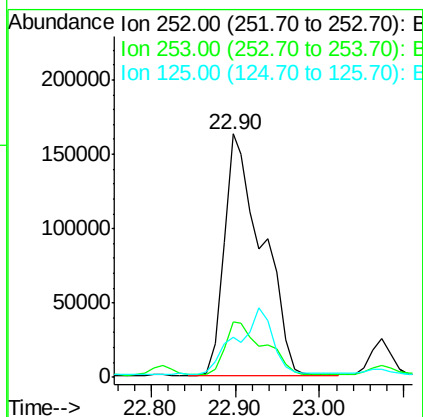
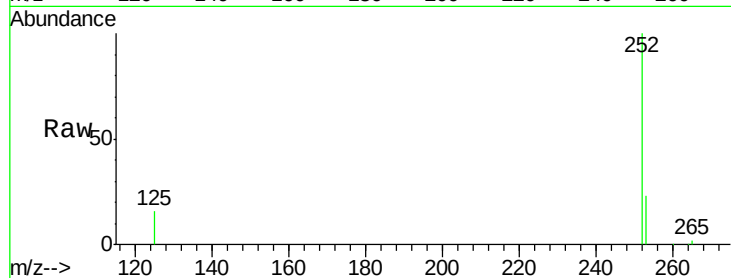
Instrument :

BNA_M

ClientSampleId :

A4J60

Tot Ion:252	Resp:	509965
Ion Ratio	Lower	Upper
252	100	
253	22.6	0.0 45.4
125	16.2	0.0 28.8



#24

Benzo(k)fluoranthene

Concen: 2.67 ng/ul

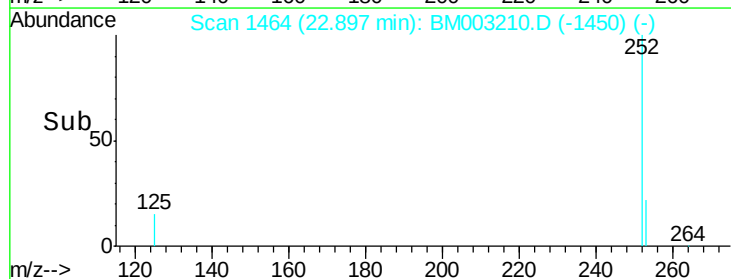
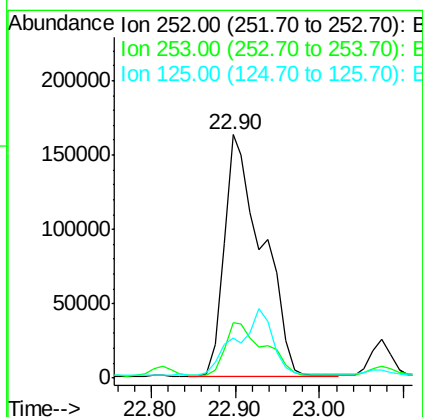
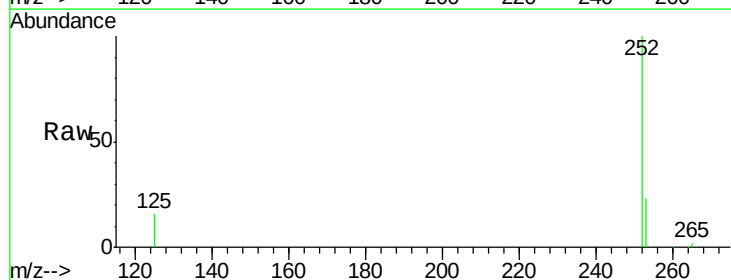
RT: 22.90 min Scan# 1464

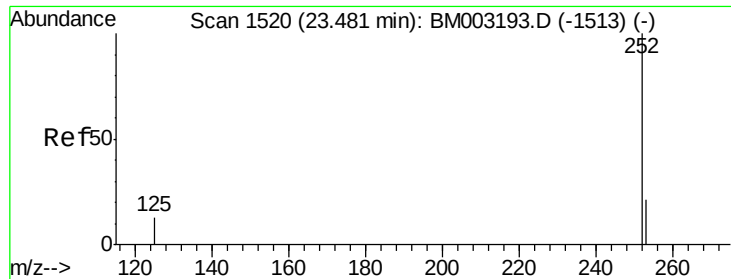
Delta R.T. -0.05 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Tgt Ion:252	Resp:	509965
Ion Ratio	Lower	Upper
252	100	
253	22.6	19.8 29.8
125	16.2	10.4 15.6#





#25

Benzo(a)pyrene

Concen: 1.36 ng/ul

RT: 23.48 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

Instrument :

BNA_M

ClientSampleId :

A4J60

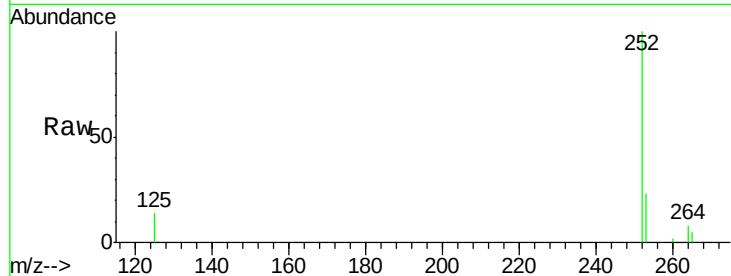
Tot Ion:252 Resp: 244996

Ion Ratio Lower Upper

252 100

253 23.2 19.4 29.2

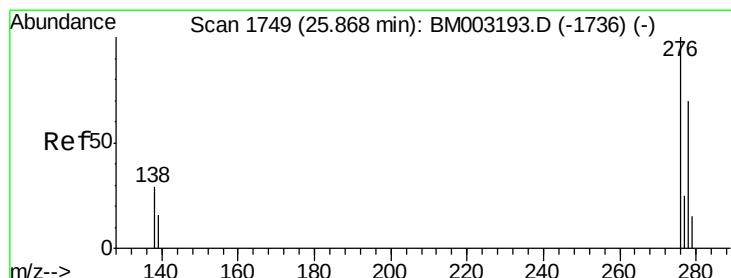
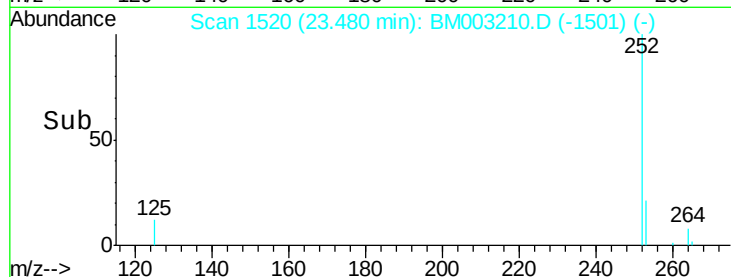
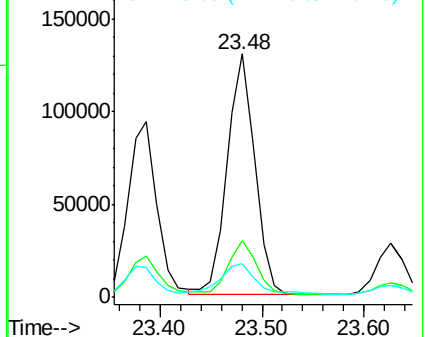
125 13.6 12.7 19.1



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.84 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM003210.D

Acq: 20 Nov 2015 03:24

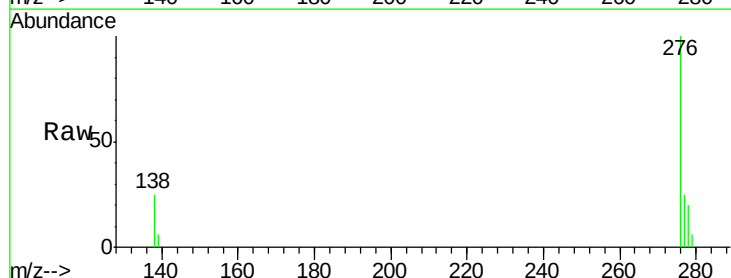
Tgt Ion:276 Resp: 179421

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

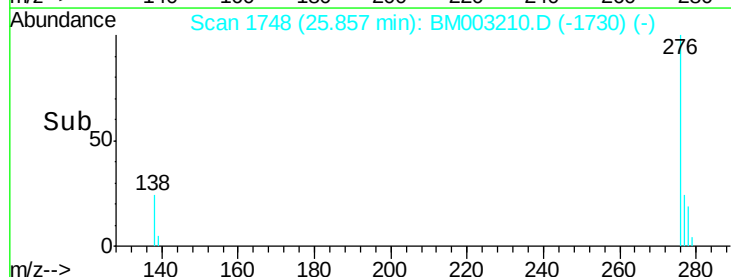
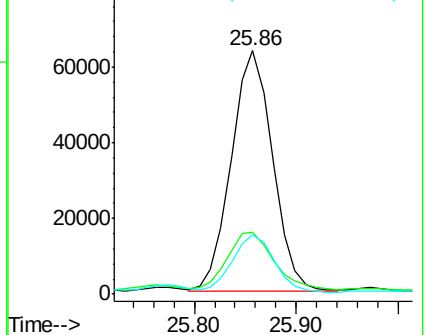
277 23.9 0.0 0.0#

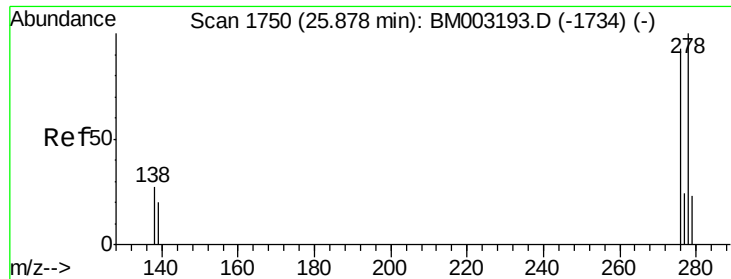


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

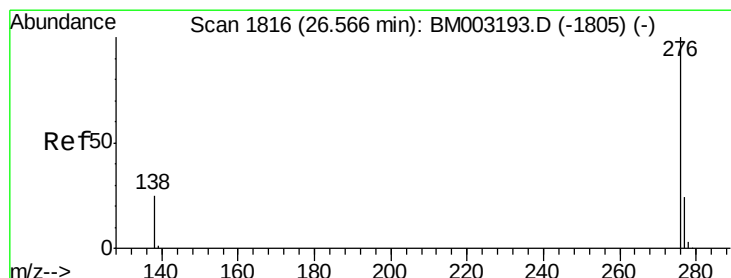
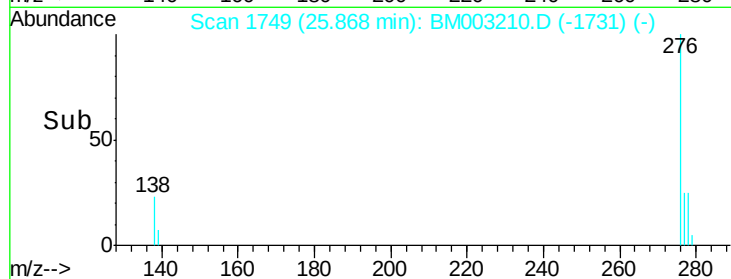
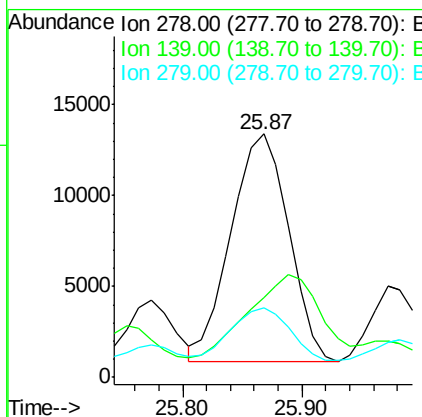
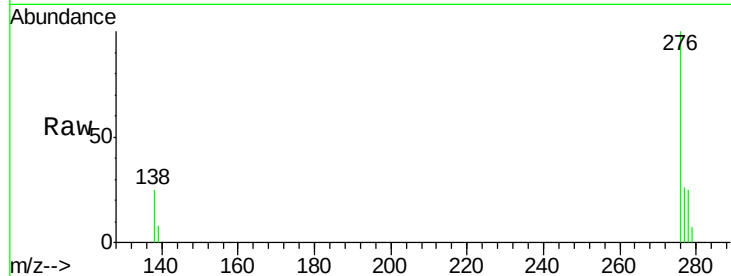




#27
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003210.D
Acq: 20 Nov 2015 03:24

Instrument :
BNA_M
ClientSampleId :
A4J60

Tot Ion:278 Resp: 41949
Ion Ratio Lower Upper
278 100
139 32.9 16.4 24.6#
279 28.3 20.2 30.2



#28
Benzo(g,h,i)perylene
Concen: 0.89 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003210.D
Acq: 20 Nov 2015 03:24

Tgt Ion:276 Resp: 168253
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 26.8 22.5 33.7

