

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
 Data File : BM001119.D
 Acq On : 27 Apr 2015 14:51
 Operator : TP/IZ
 Sample : G1998-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1Q38

Quant Time: Apr 28 01:44:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 14:06:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	1014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	3480	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	1731	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	3940	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	3732	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	3480	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.93	152	1612	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3463	0.39	ng/ul	0.00

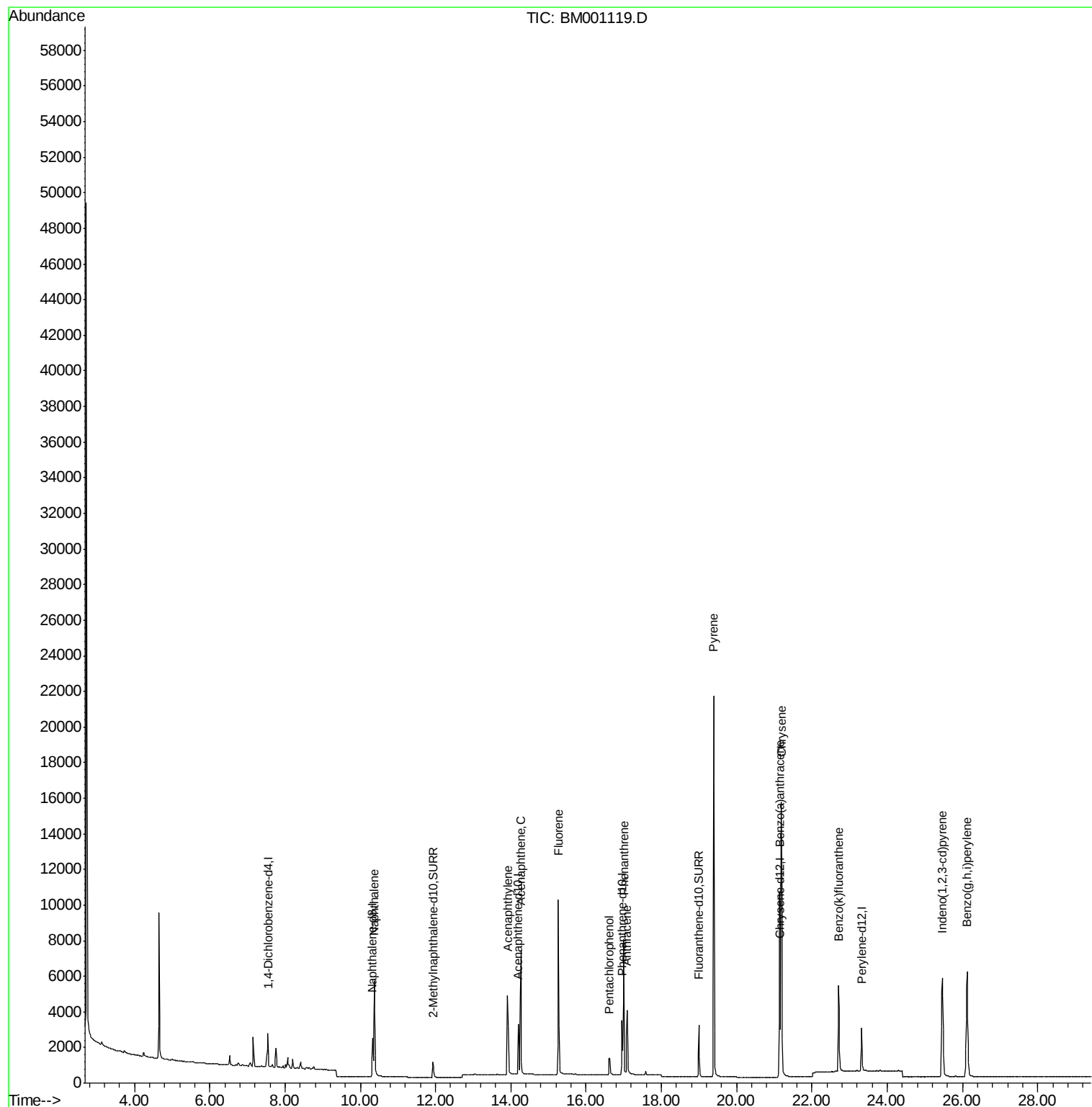
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.37	128	8293	0.93	ng/ul	98
7) Acenaphthylene	13.91	152	6452	0.81	ng/ul	98
8) Acenaphthene	14.27	153	5020	0.82	ng/ul	99
9) Fluorene	15.26	166	6909	0.98	ng/ul	95
11) Pentachlorophenol	16.61	266	1057	1.44	ng/ul	98
12) Phenanthrene	17.00	178	9031	0.79	ng/ul	98
13) Anthracene	17.09	178	5304	0.51	ng/ul	99
17) Pyrene	19.38	202	22381	1.61	ng/ul	98
18) Benzo(a)anthracene	21.14	228	9615	0.80	ng/ul	97
19) Chrysene	21.19	228	14305	1.09	ng/ul	98
22) Benzo(k)fluoranthene	22.71	252	6573	0.50	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.46	276	10471	0.75	ng/ul#	91
26) Benzo(g,h,i)perylene	26.12	276	11685	0.96	ng/ul	97

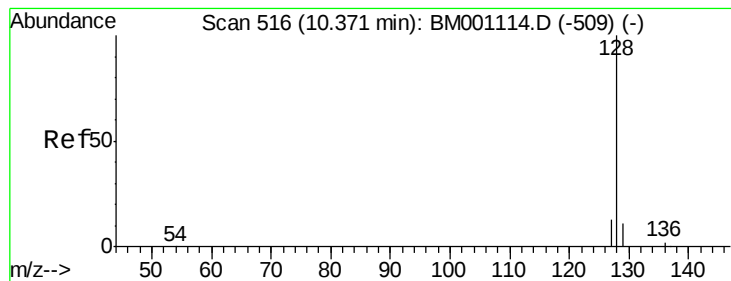
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 27 14:06:45 2015
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#3

Naphthalene

Concen: 0.93 ng/ul

RT: 10.37 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

Instrument :

BNA_M

ClientSampleId :

X1Q38

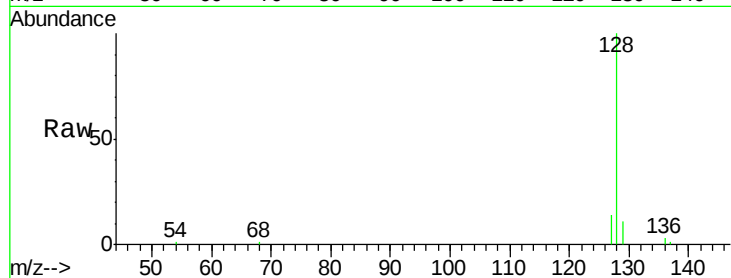
Tgt Ion:128 Resp: 8293

Ion Ratio Lower Upper

128 100

129 11.5 10.2 15.4

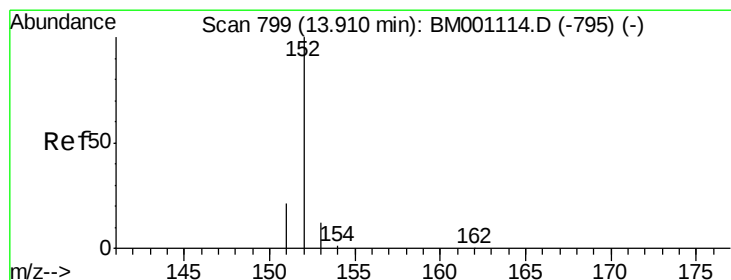
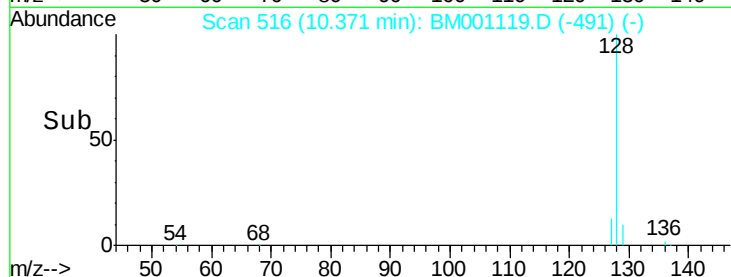
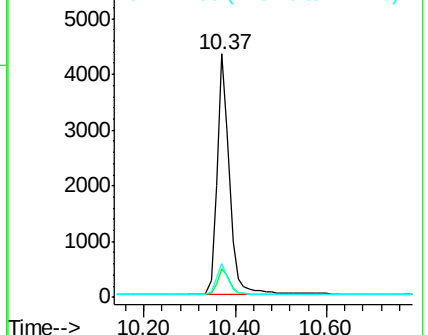
127 13.9 11.7 17.5



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

Acenaphthylene

Concen: 0.81 ng/ul

RT: 13.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

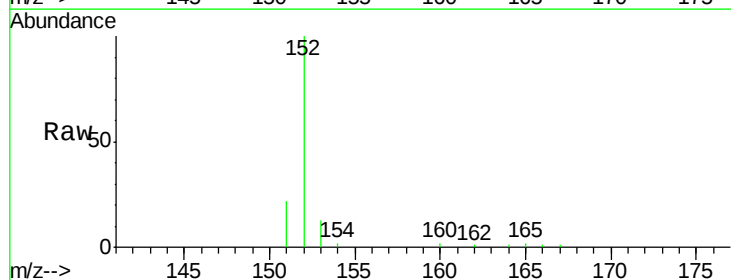
Tgt Ion:152 Resp: 6452

Ion Ratio Lower Upper

152 100

151 22.4 18.7 28.1

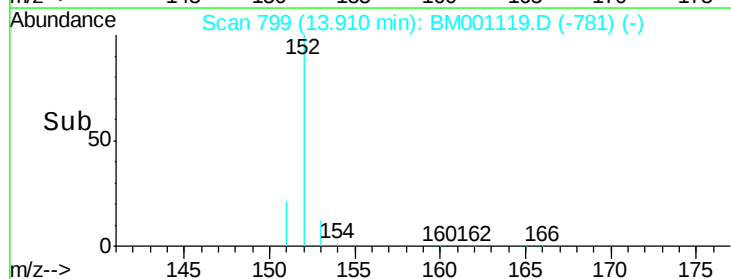
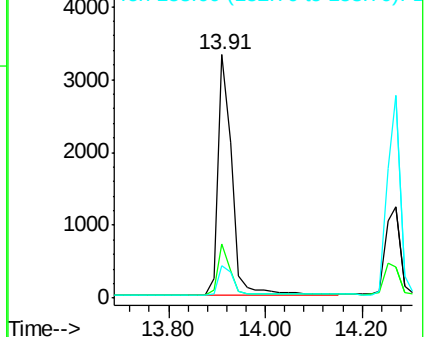
153 13.3 11.6 17.4

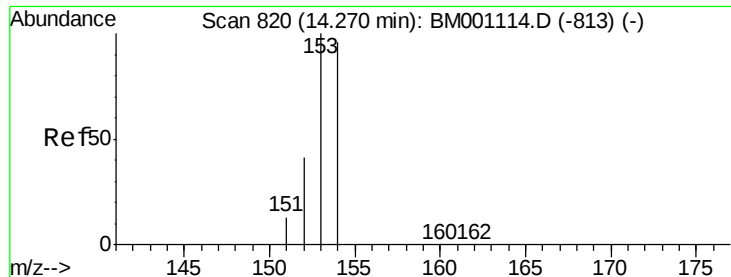


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.82 ng/ul

RT: 14.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

Instrument :

BNA_M

ClientSampleId :

X1Q38

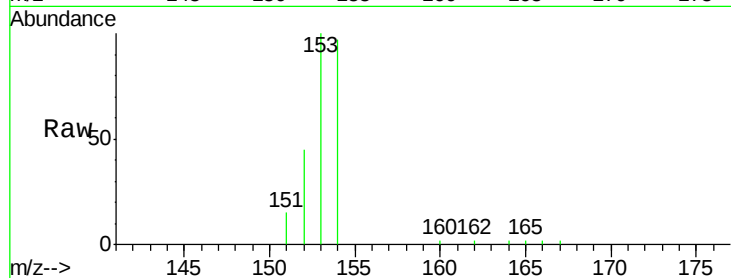
Tgt Ion:153 Resp: 5020

Ion Ratio Lower Upper

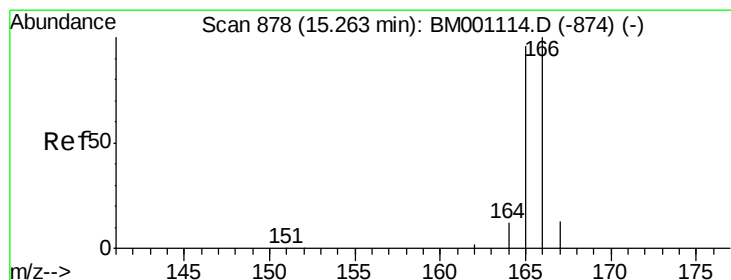
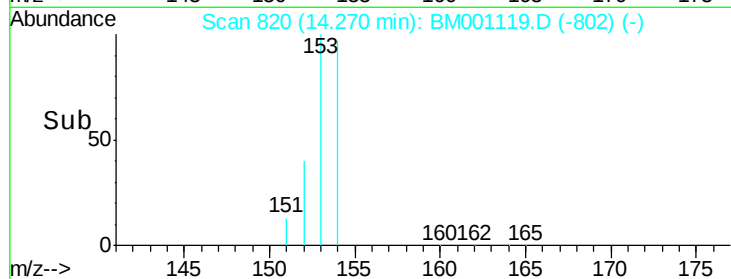
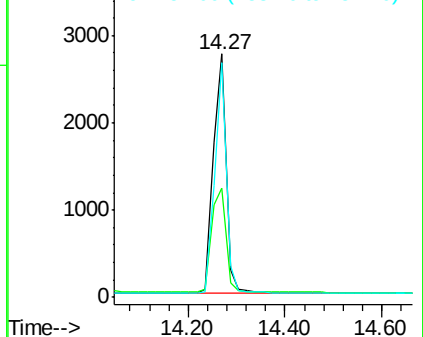
153 100

152 44.7 35.1 52.7

154 96.6 77.0 115.4



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: 0.98 ng/ul

RT: 15.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

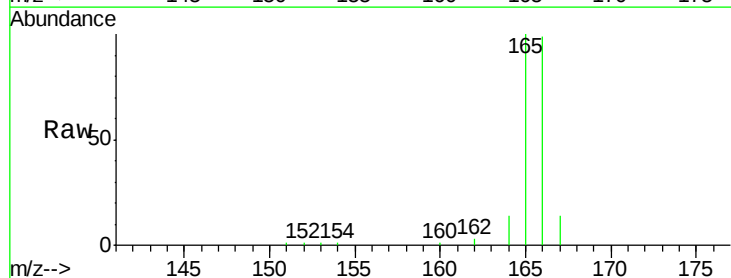
Tgt Ion:166 Resp: 6909

Ion Ratio Lower Upper

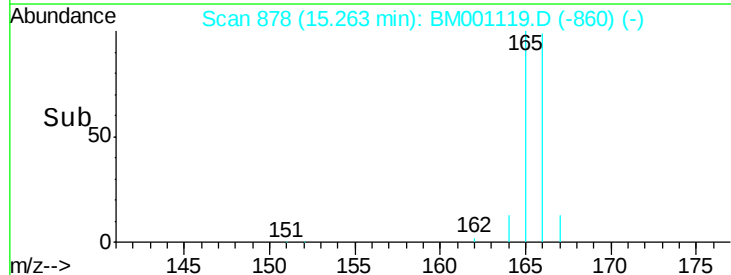
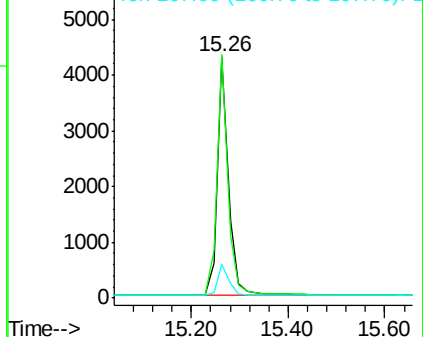
166 100

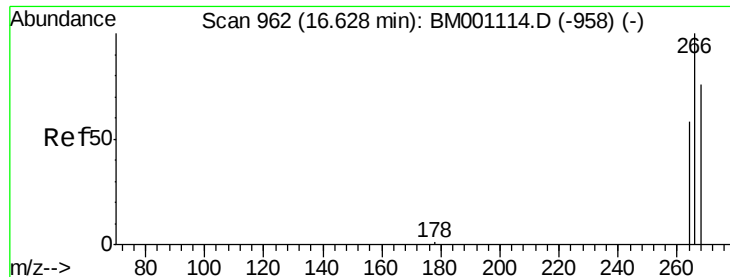
165 100.8 76.8 115.2

167 13.9 12.6 18.8



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

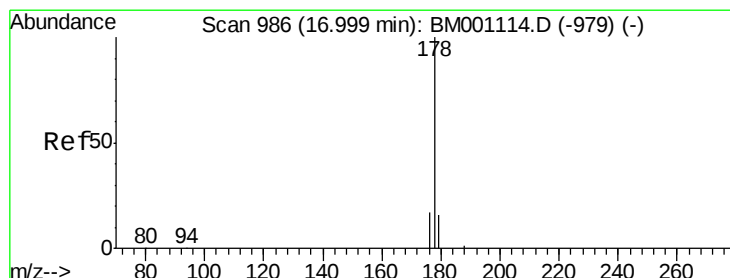
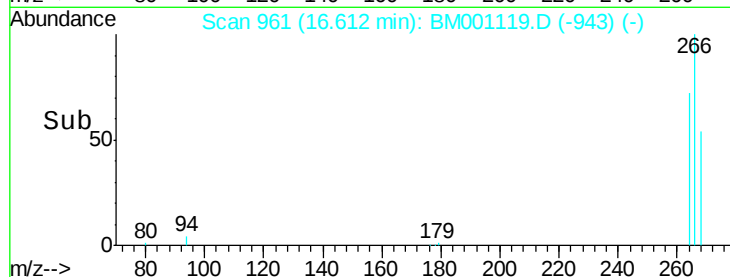
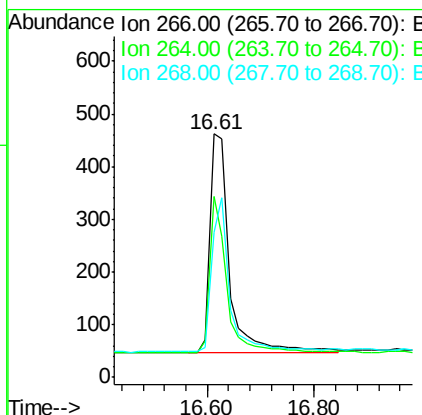
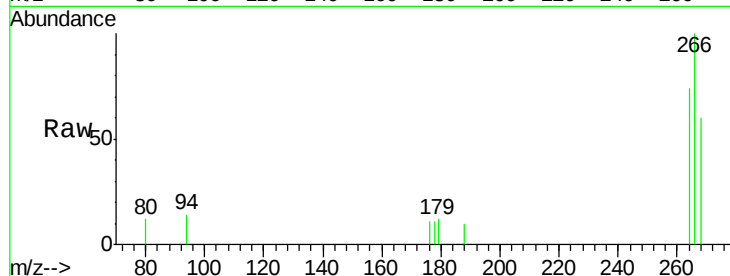




#11
 Pentachlorophenol
 Concen: 1.44 ng/ul
 RT: 16.61 min Scan# 961
 Delta R.T. -0.02 min
 Lab File: BM001119.D
 Acq: 27 Apr 2015 14:51

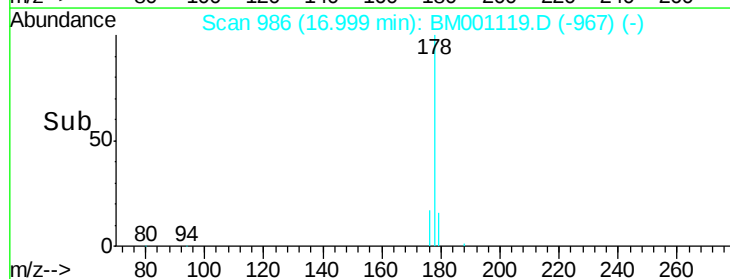
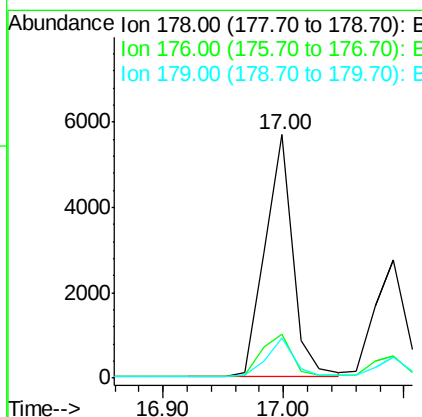
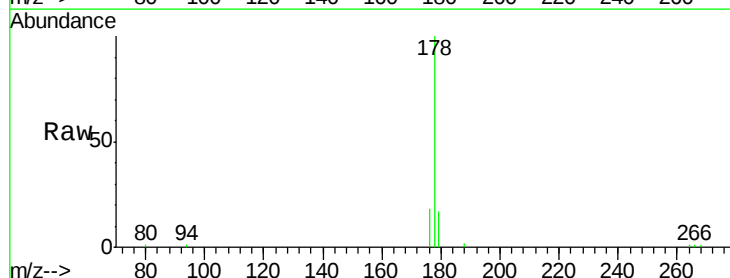
Instrument :
 BNA_M
 ClientSampleId :
 X1Q38

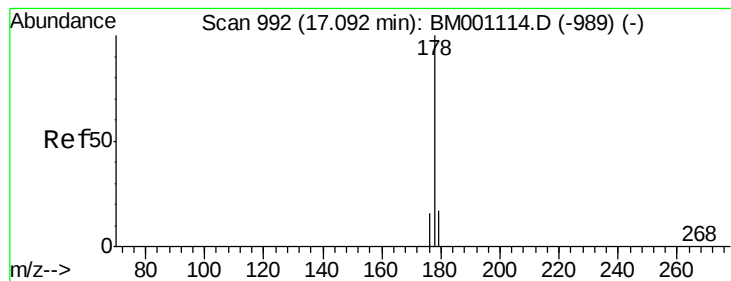
Tgt Ion: 266 Resp: 1057
 Ion Ratio Lower Upper
 266 100
 264 62.0 51.3 76.9
 268 63.8 52.2 78.4



#12
 Phenanthrene
 Concen: 0.79 ng/ul
 RT: 17.00 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM001119.D
 Acq: 27 Apr 2015 14:51

Tgt Ion: 178 Resp: 9031
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.9 22.3
 179 16.7 14.2 21.4





#13

Anthracene

Concen: 0.51 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

Instrument :

BNA_M

ClientSampleId :

X1Q38

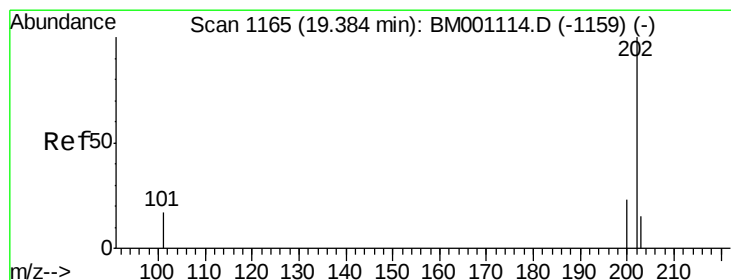
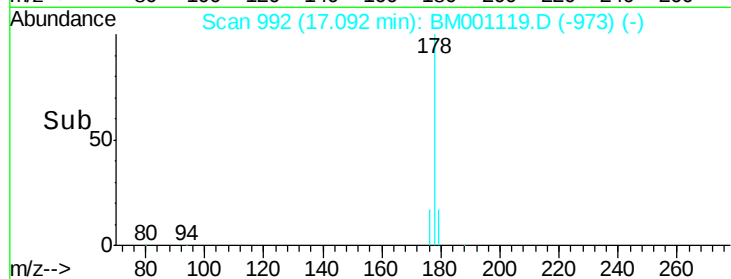
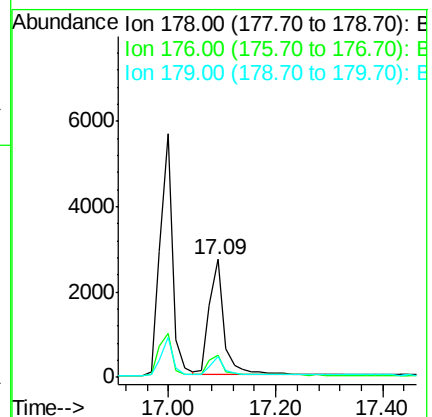
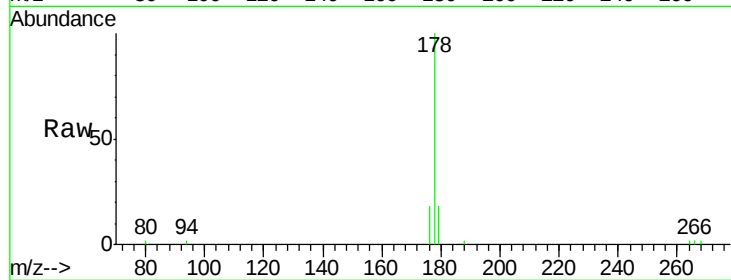
Tgt Ion:178 Resp: 5304

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 18.1 15.0 22.6



#17

Pyrene

Concen: 1.61 ng/ul

RT: 19.38 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

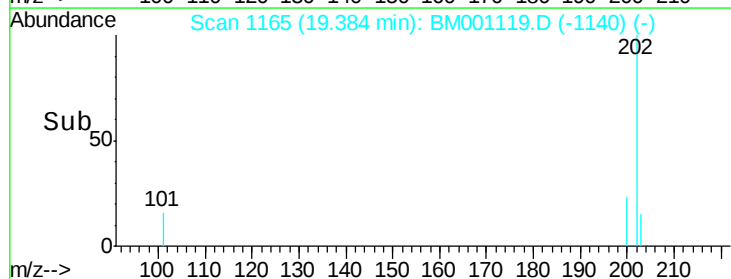
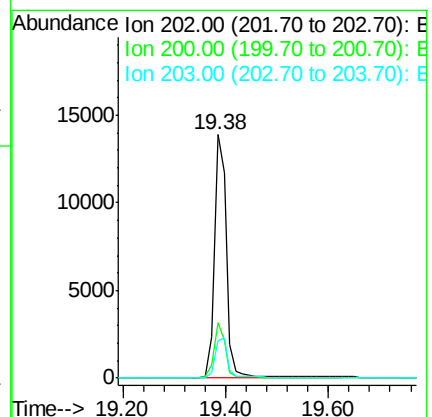
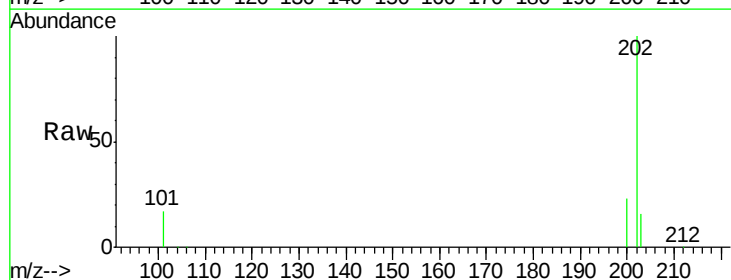
Tgt Ion:202 Resp: 22381

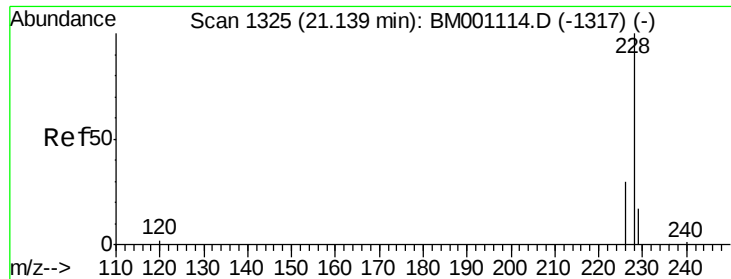
Ion Ratio Lower Upper

202 100

200 22.9 19.2 28.8

203 15.6 13.2 19.8





#18

Benzo(a)anthracene

Concen: 0.80 ng/ul

RT: 21.14 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

Instrument :

BNA_M

ClientSampleId :

X1Q38

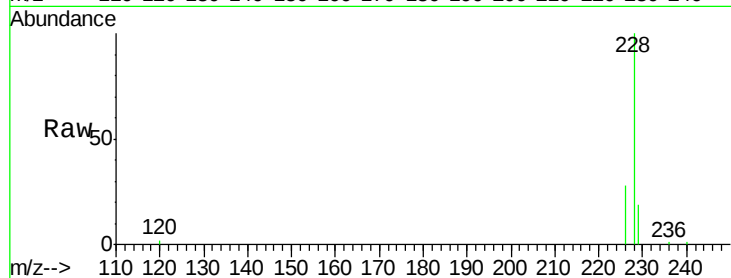
Tgt Ion:228 Resp: 9615

Ion Ratio Lower Upper

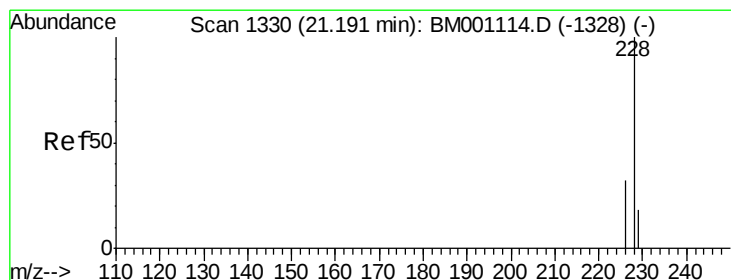
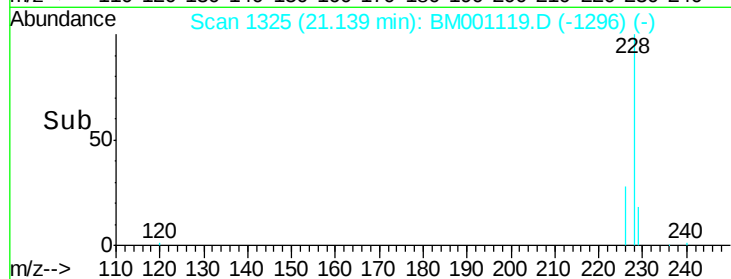
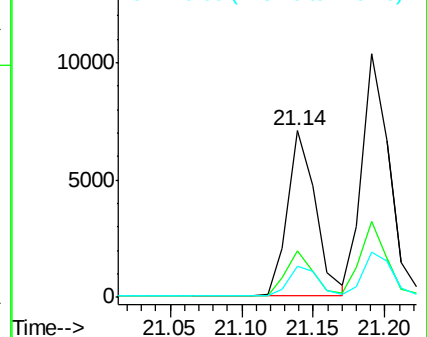
228 100

226 28.3 24.4 36.6

229 18.6 15.0 22.4



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: 1.09 ng/ul

RT: 21.19 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

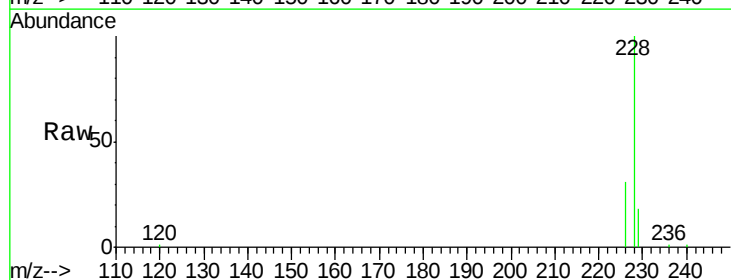
Tgt Ion:228 Resp: 14305

Ion Ratio Lower Upper

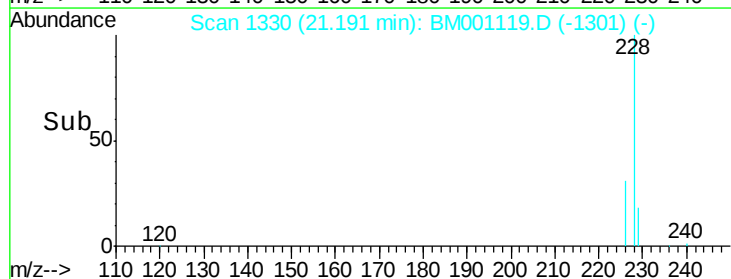
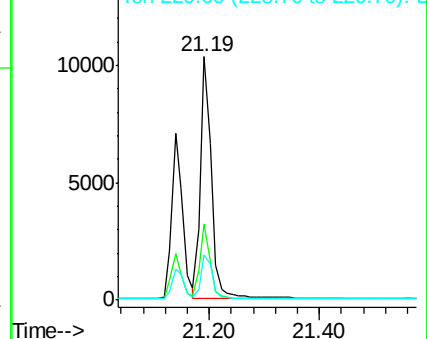
228 100

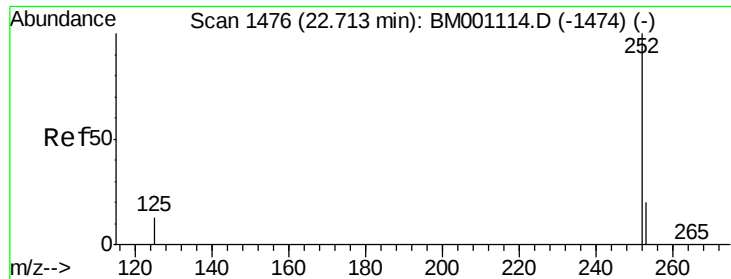
226 31.4 26.0 39.0

229 18.4 15.2 22.8



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





#22

Benzo(k)fluoranthene

Concen: 0.50 ng/ul

RT: 22.71 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

Instrument :

BNA_M

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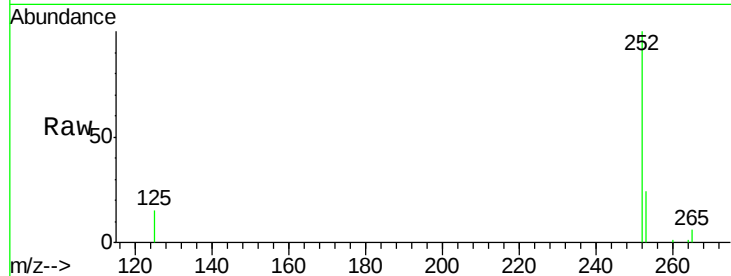
Tgt Ion:252 Resp: 6573

Ion Ratio Lower Upper

252 100

253 24.4 20.3 30.5

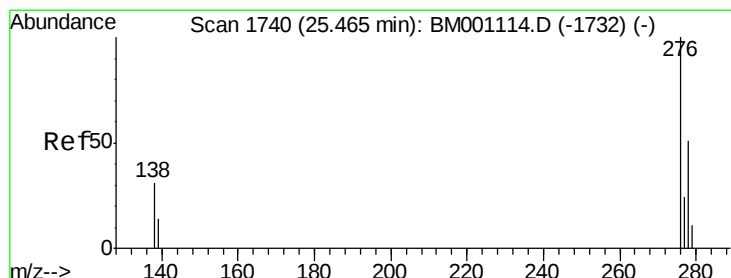
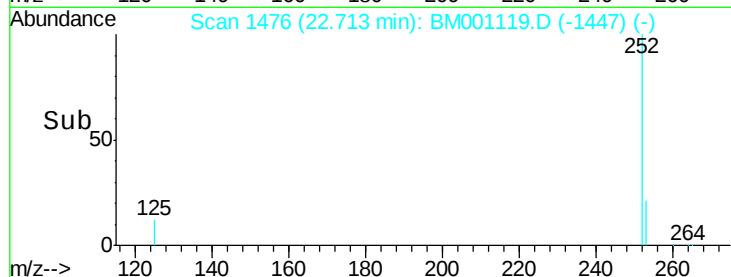
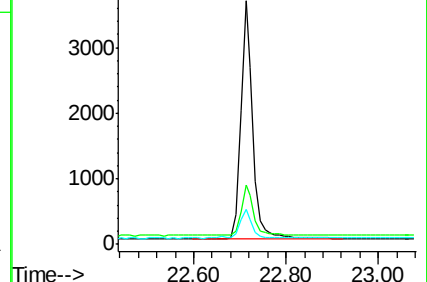
125 14.6 12.6 19.0



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: 0.75 ng/ul

RT: 25.46 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BM001119.D

Acq: 27 Apr 2015 14:51

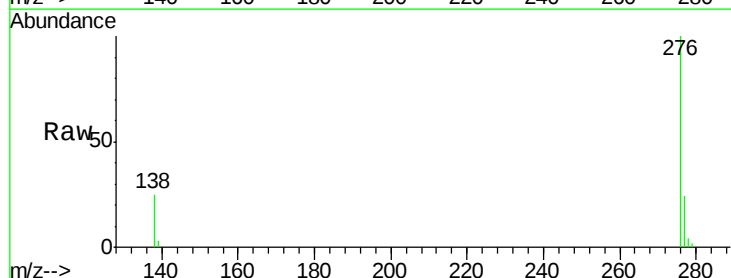
Tgt Ion:276 Resp: 10471

Ion Ratio Lower Upper

276 100

138 24.0 25.0 37.4#

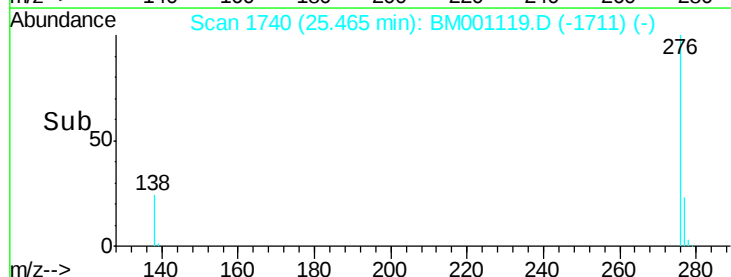
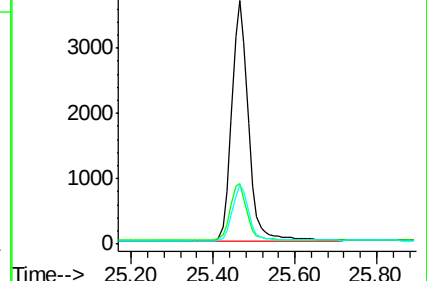
277 23.1 19.9 29.9

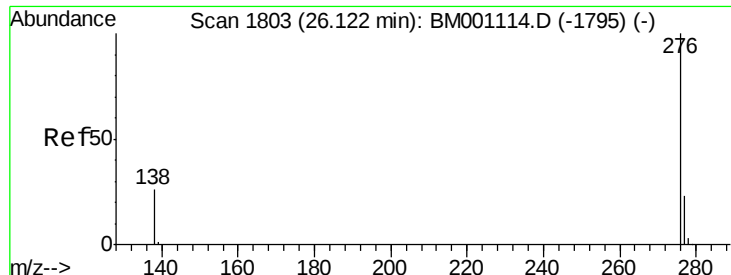


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.96 ng/ul

RT: 26.12 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BM001119.D

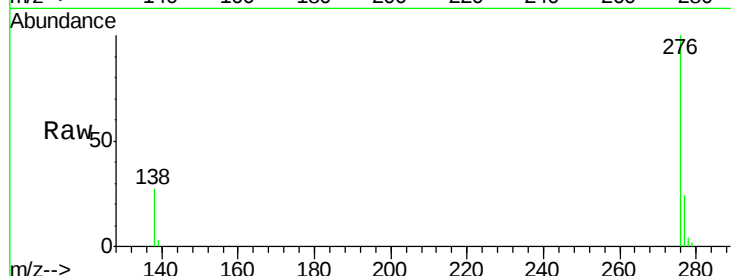
Acq: 27 Apr 2015 14:51

Instrument :

BNA_M

ClientSampleId :

X1Q38



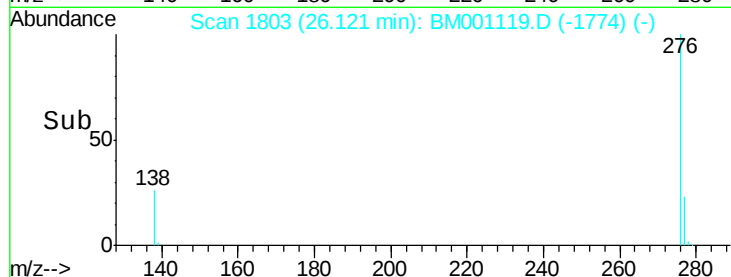
Tgt Ion: 276 Resp: 11685

Ion Ratio Lower Upper

276 100

277 24.5 20.5 30.7

138 27.2 23.5 35.3



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

