

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Quant Time: Dec 22 00:28:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

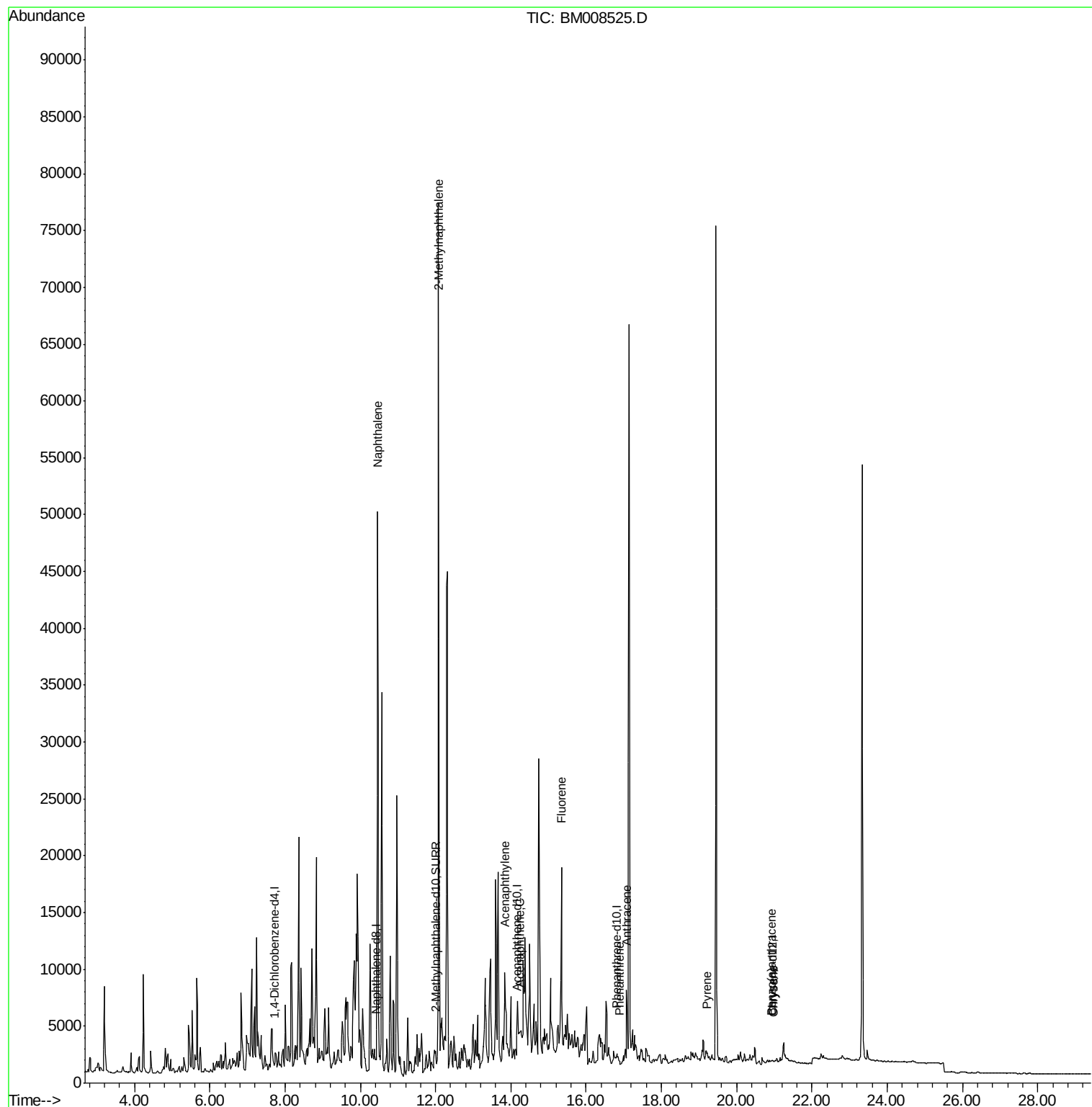
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	58	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	1487	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.16	164	1285	0.40	ng/ul	-0.17
10) Phenanthrene-d10	16.82	188	2907	0.40	ng/ul	-0.27
16) Chrysene-d12	20.95	240	417	0.40	ng/ul	-0.33
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.51
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	759	0.33	ng/ul	-0.10
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.46	128	66764	15.96	ng/ul	94
5) 2-Methylnaphthalene	12.08	142	52240	18.55	ng/ul	99
7) Acenaphthylene	13.84	152	1583	0.27	ng/ul#	5
8) Acenaphthene	14.25	153	766	0.18	ng/ul#	14
9) Fluorene	15.34	166	9917	1.99	ng/ul	88
12) Phenanthrene	16.88	178	248	0.03	ng/ul#	1
13) Anthracene	17.07	178	8392	0.97	ng/ul	94
17) Pyrene	19.21	202	183	0.11	ng/ul#	1
18) Benzo(a)anthracene	20.93	228	143	0.10	ng/ul#	1
19) Chrysene	20.98	228	44	0.03	ng/ul#	1

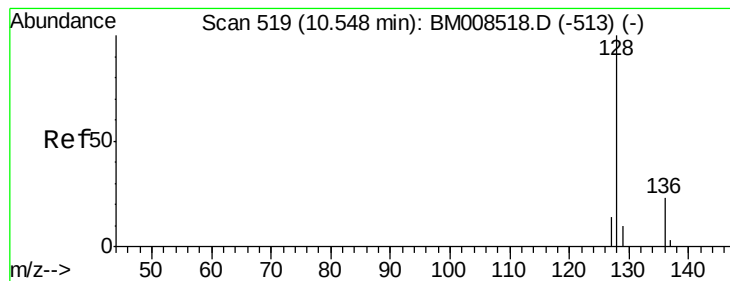
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 15.96 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

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ClientSampleId :

DA885

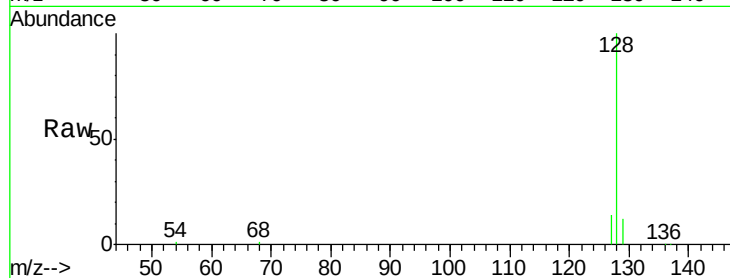
Tgt Ion:128 Resp: 66764

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

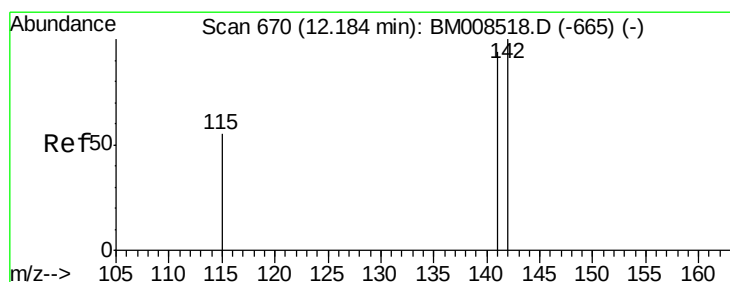
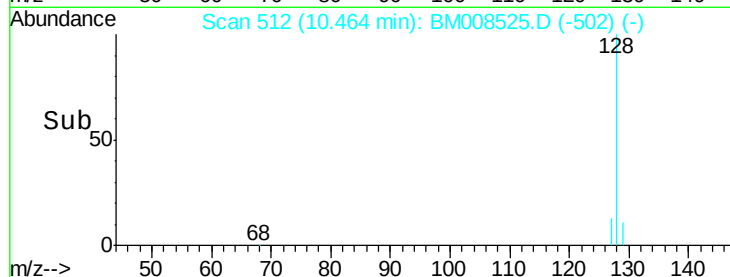
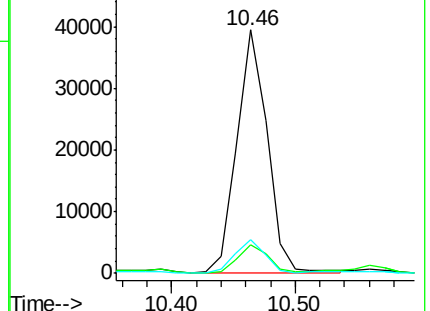
127 13.7 12.8 19.2



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: 18.55 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.10 min

Lab File: BM008525.D

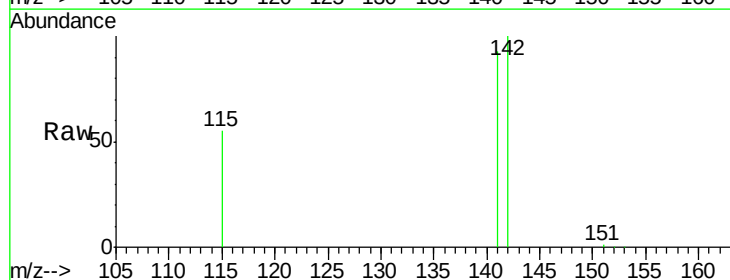
Acq: 21 Dec 2016 20:00

Tgt Ion:142 Resp: 52240

Ion Ratio Lower Upper

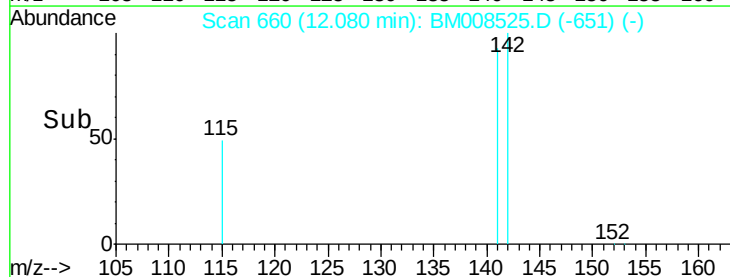
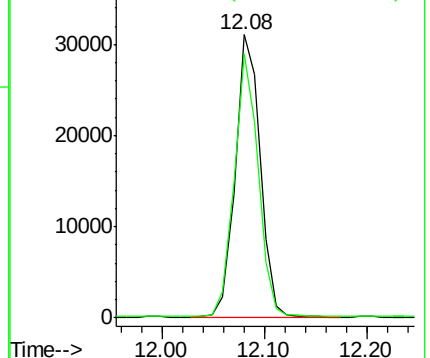
142 100

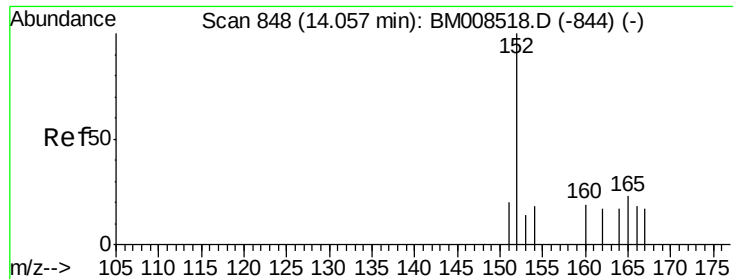
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.27 ng/ul

RT: 13.84 min Scan# 829

Delta R.T. -0.22 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

Instrument :

BNA_M

ClientSampleId :

DA885

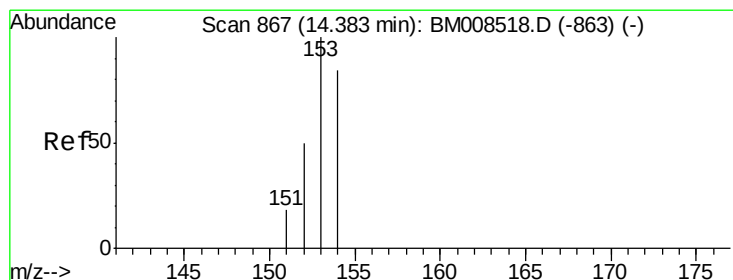
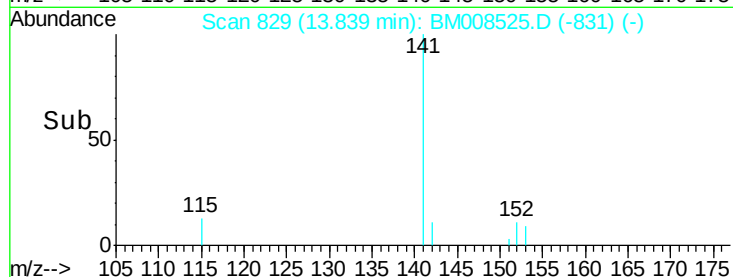
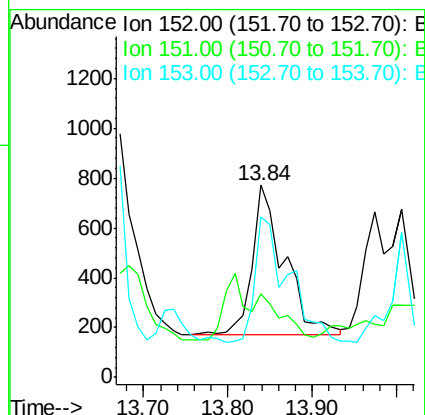
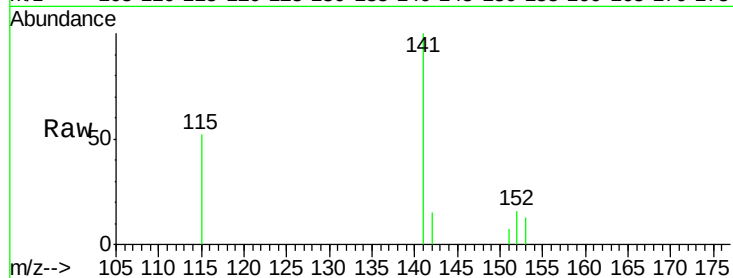
Tgt Ion:152 Resp: 1583

Ion Ratio Lower Upper

152 100

151 43.6 17.1 25.7#

153 83.6 12.8 19.2#



#8

Acenaphthene

Concen: 0.18 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. -0.14 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

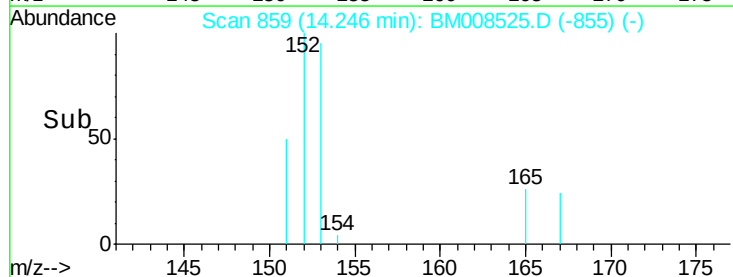
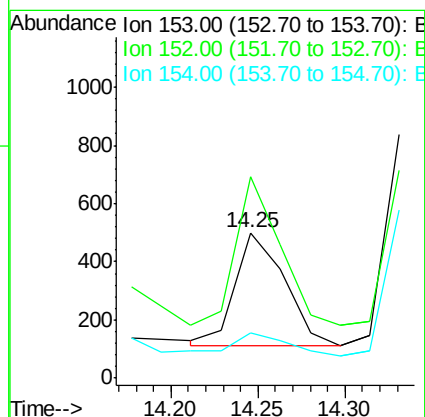
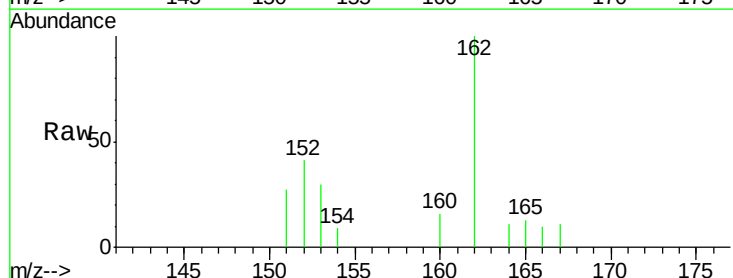
Tgt Ion:153 Resp: 766

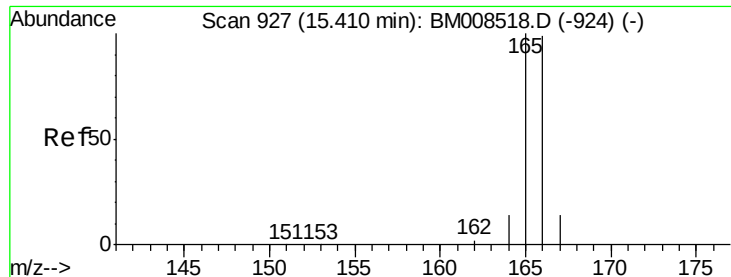
Ion Ratio Lower Upper

153 100

152 138.9 40.3 60.5#

154 31.1 71.4 107.2#

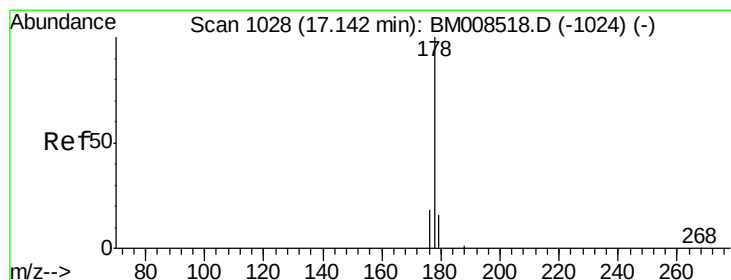
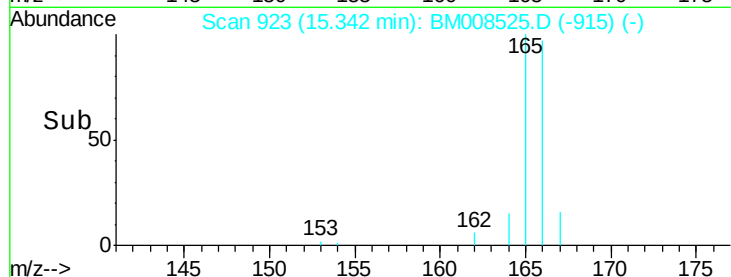
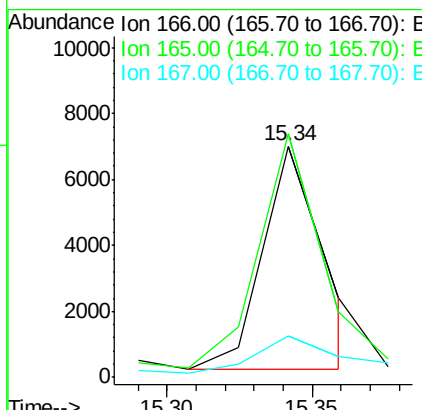
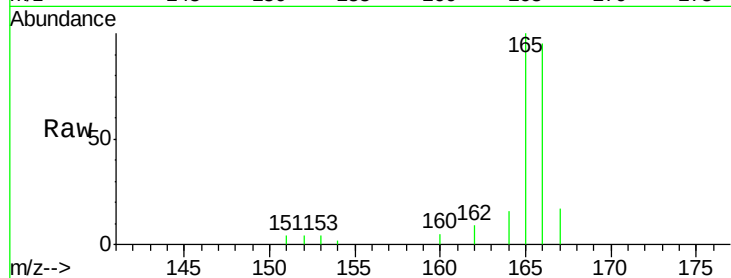




#9
Fluorene
 Concen: 1.99 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. -0.07 min
 Lab File: BM008525.D
 Acq: 21 Dec 2016 20:00

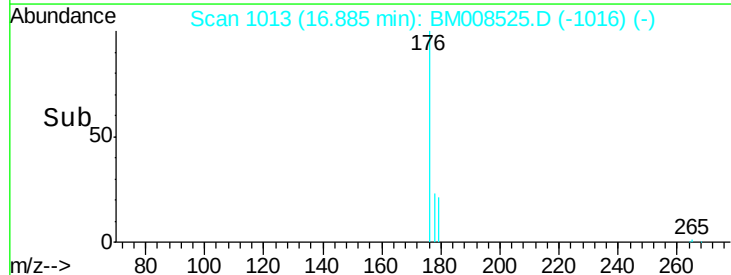
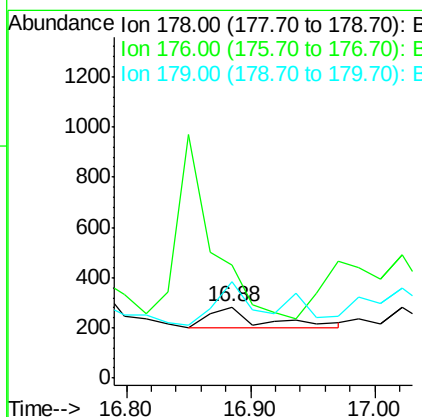
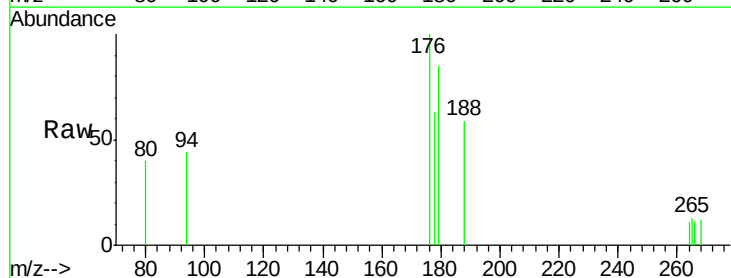
Instrument :
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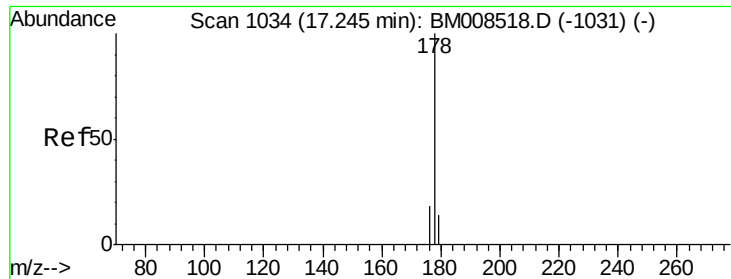
Tgt Ion:166 Resp: 9917
 Ion Ratio Lower Upper
 166 100
 165 105.2 73.4 110.2
 167 17.8 14.6 22.0



#12
Phenanthrene
 Concen: 0.03 ng/ul
 RT: 16.88 min Scan# 1013
 Delta R.T. -0.26 min
 Lab File: BM008525.D
 Acq: 21 Dec 2016 20:00

Tgt Ion:178 Resp: 248
 Ion Ratio Lower Upper
 178 100
 176 159.2 18.4 27.6#
 179 135.5 13.6 20.4#





#13

Anthracene

Concen: 0.97 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.17 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

Instrument :

BNA_M

ClientSampleId :

DA885

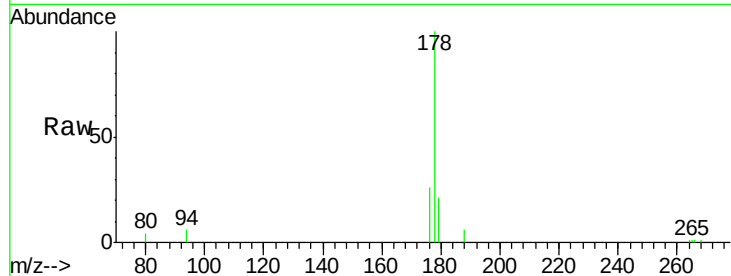
Tgt Ion:178 Resp: 8392

Ion Ratio Lower Upper

178 100

176 26.1 18.1 27.1

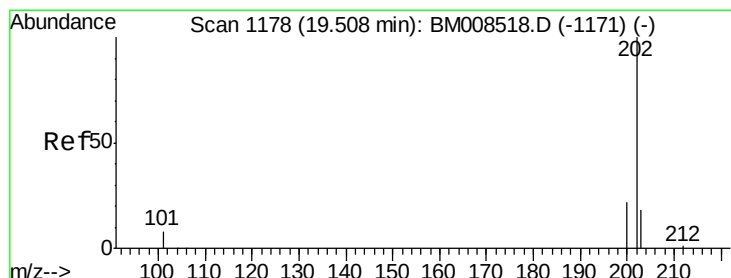
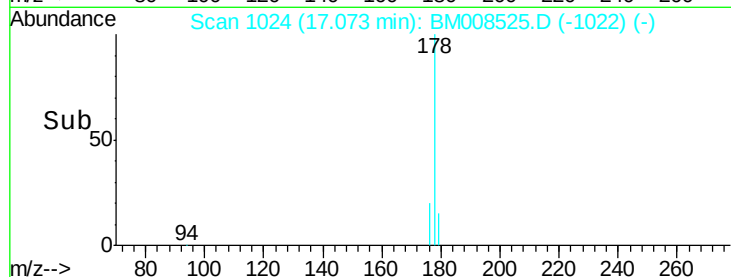
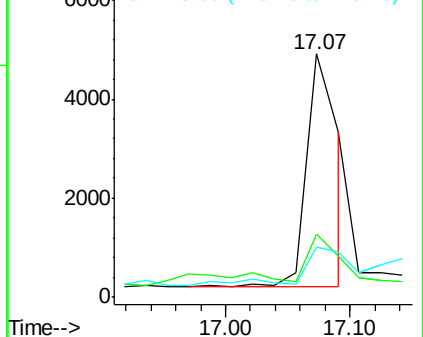
179 20.5 14.7 22.1



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

Pyrene

Concen: 0.11 ng/ul

RT: 19.21 min Scan# 1153

Delta R.T. -0.30 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

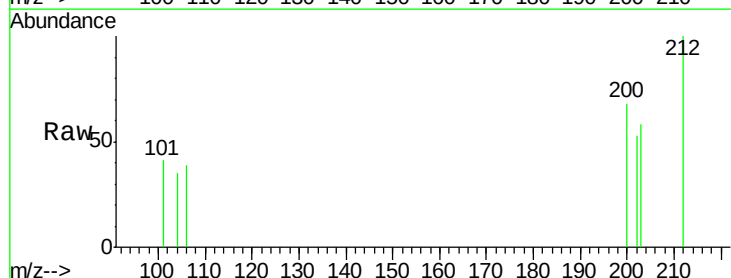
Tgt Ion:202 Resp: 183

Ion Ratio Lower Upper

202 100

200 127.7 18.2 27.4#

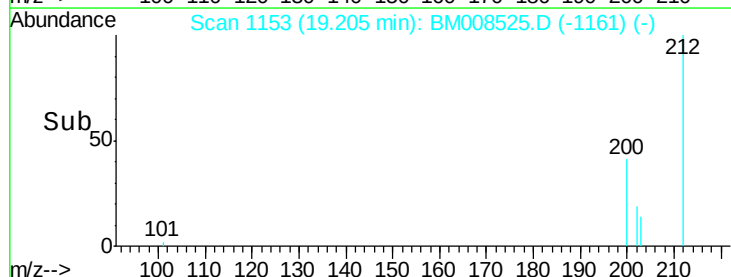
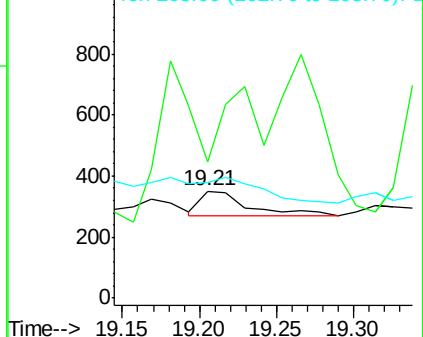
203 108.3 15.6 23.4#

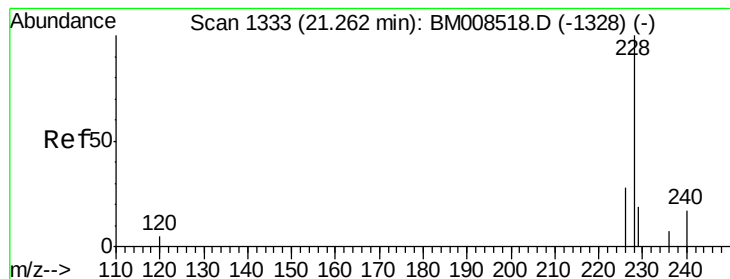


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 20.93 min Scan# 1301

Delta R.T. -0.33 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

Instrument :

BNA_M

ClientSampleId :

DA885

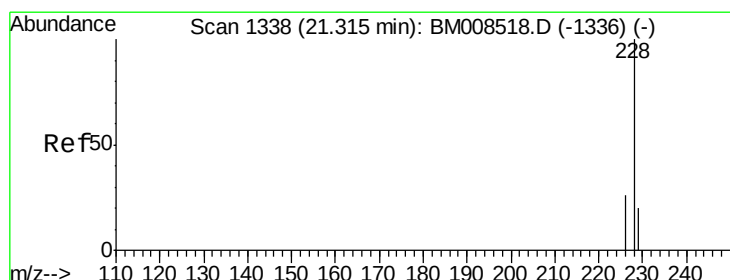
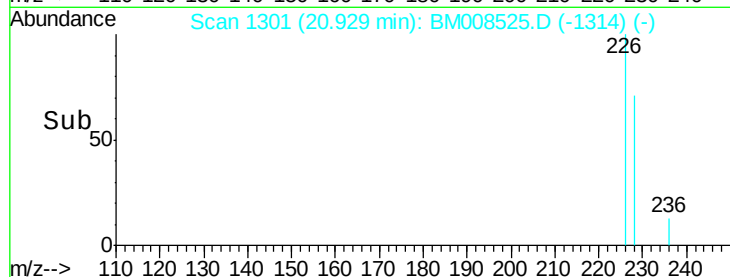
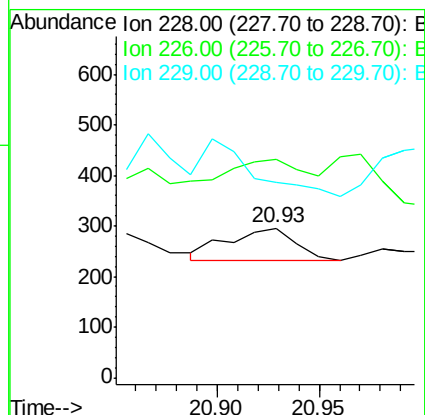
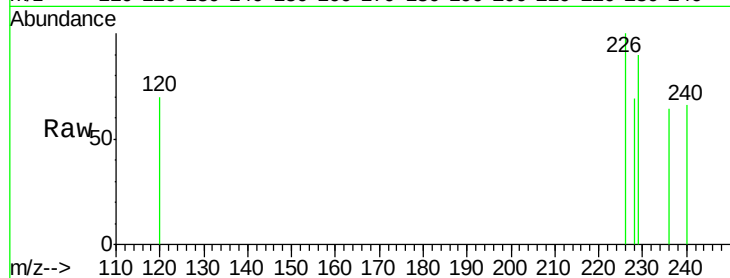
Tgt Ion:228 Resp: 143

Ion Ratio Lower Upper

228 100

226 145.6 22.8 34.2#

229 130.4 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 20.98 min Scan# 1306

Delta R.T. -0.33 min

Lab File: BM008525.D

Acq: 21 Dec 2016 20:00

Tgt Ion:228 Resp: 44

Ion Ratio Lower Upper

228 100

226 152.9 23.4 35.0#

229 170.6 17.7 26.5#

