

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008600.D
 Acq On : 23 Dec 2016 17:57
 Operator : UM/SJ
 Sample : H6040-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X0

Quant Time: Dec 23 23:41:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	543	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1823	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.16	164	148	0.40	ng/ul	-0.15
10) Phenanthrene-d10	16.78	188	208	0.40	ng/ul	-0.31
16) Chrysene-d12	20.84	240	32	0.40	ng/ul	-0.44
20) Perylene-d12	23.02	264	5	0.40	ng/ul	-0.48

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	414	0.15	ng/ul	-0.09
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

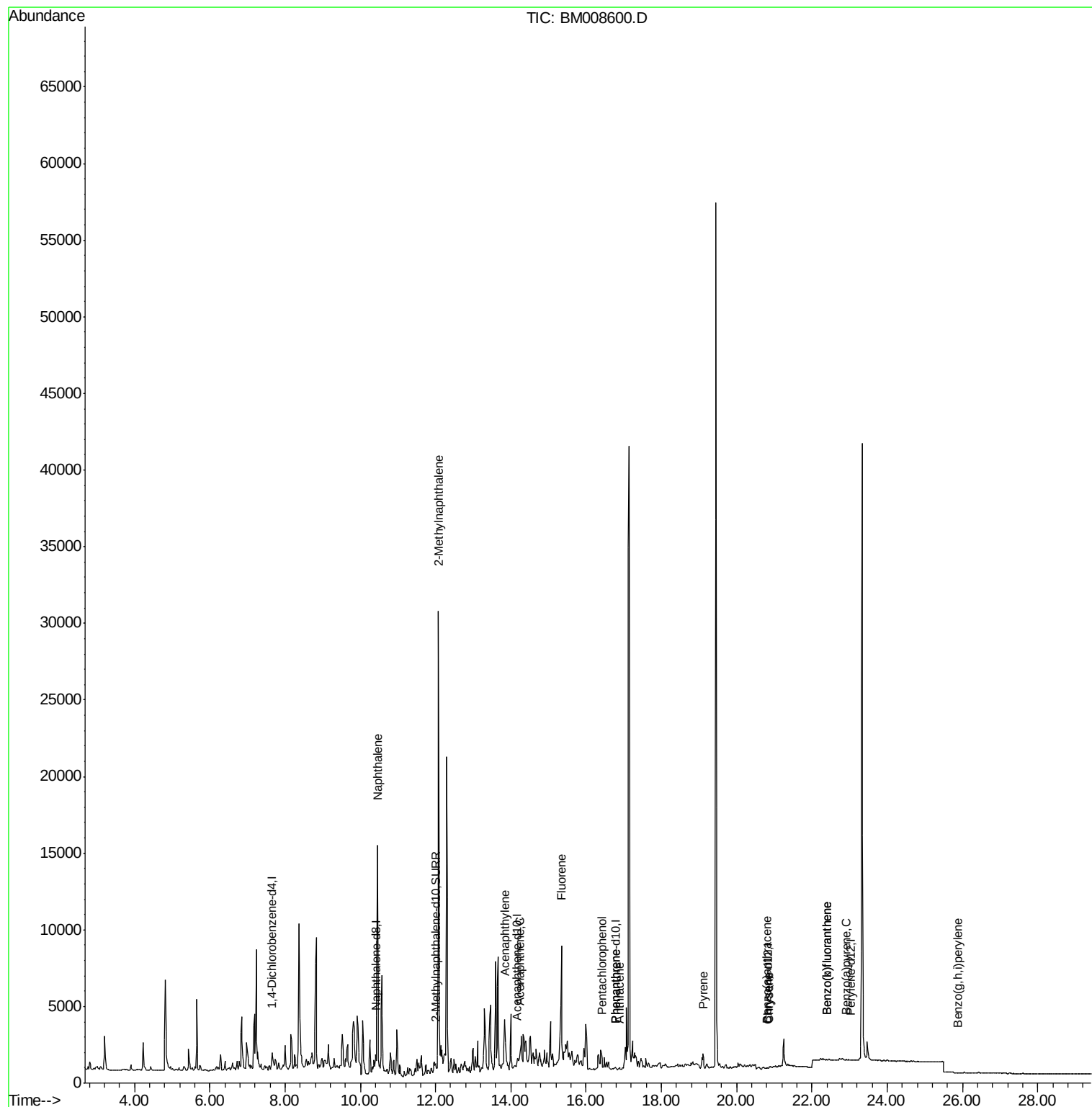
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	23164	4.52	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	22253	6.45	ng/ul	99
7) Acenaphthylene	13.84	152	659	0.98	ng/ul#	1
8) Acenaphthene	14.25	153	372	0.74	ng/ul#	25
9) Fluorene	15.34	166	5664	9.85	ng/ul	96
11) Pentachlorophenol	16.42	266	3	0.05	ng/ul#	58
12) Phenanthrene	16.78	178	87	0.14	ng/ul#	1
13) Anthracene	16.88	178	90	0.15	ng/ul#	1
17) Pyrene	19.11	202	1537	12.43	ng/ul#	74
18) Benzo(a)anthracene	20.80	228	29	0.28	ng/ul#	1
19) Chrysene	20.86	228	31	0.27	ng/ul#	1
21) Benzo(b)fluoranthene	22.39	252	17	0.86	ng/ul#	1
22) Benzo(k)fluoranthene	22.39	252	17	0.89	ng/ul#	1
23) Benzo(a)pyrene	22.92	252	16	0.88	ng/ul#	1
26) Benzo(g,h,i)perylene	25.87	276	6	0.32	ng/ul#	1

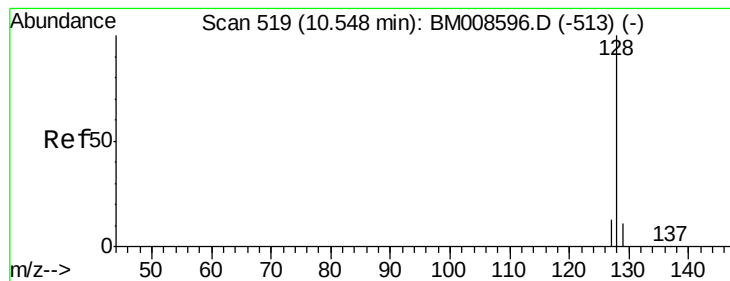
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 4.52 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008600.D

Acq: 23 Dec 2016 17:57

Instrument :

BNA_M

ClientSampleId :

DA8X0

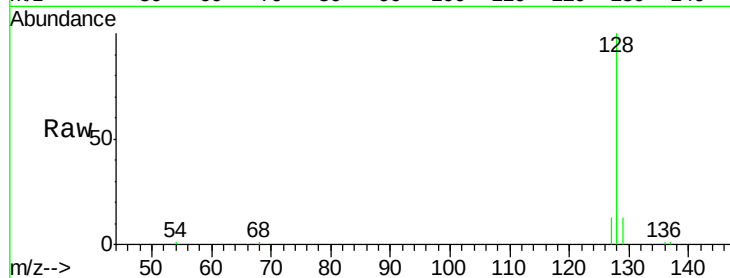
Tgt Ion:128 Resp: 23164

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

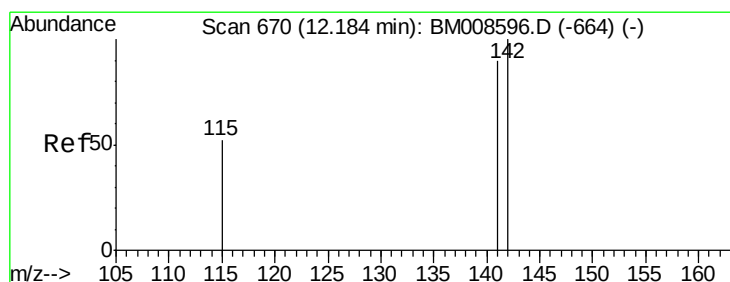
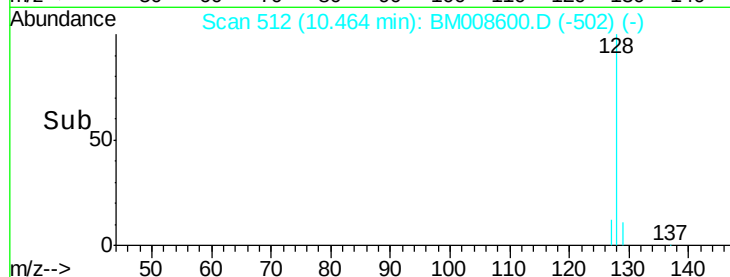
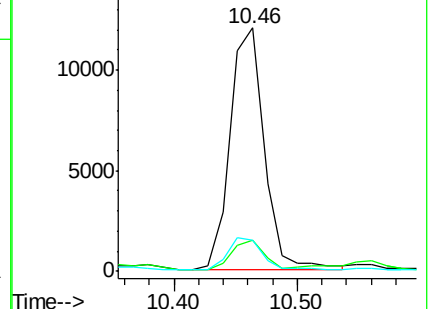
127 12.9 12.8 19.2



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: 6.45 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.10 min

Lab File: BM008600.D

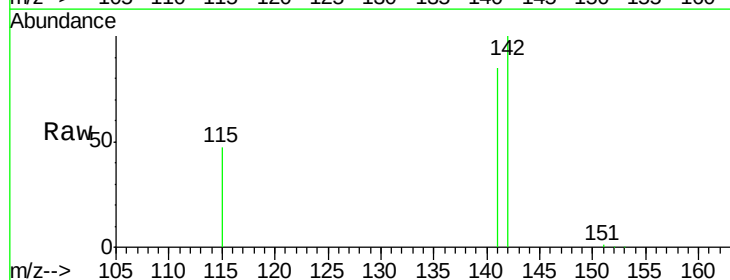
Acq: 23 Dec 2016 17:57

Tgt Ion:142 Resp: 22253

Ion Ratio Lower Upper

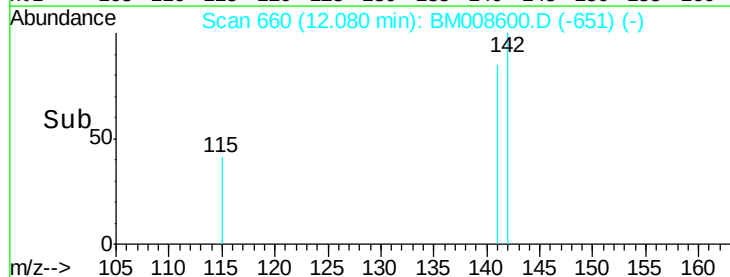
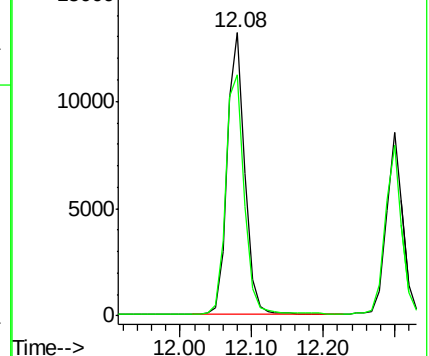
142 100

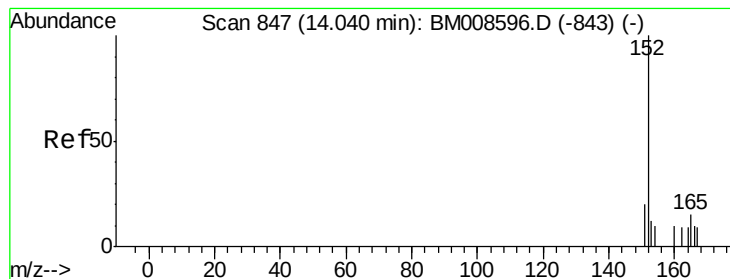
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.98 ng/ul

RT: 13.84 min Scan# 829

Delta R.T. -0.20 min

Lab File: BM008600.D

Acq: 23 Dec 2016 17:57

Instrument :

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ClientSampleId :

DA8X0

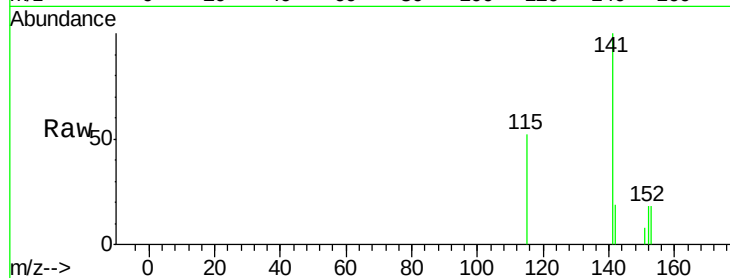
Tgt Ion:152 Resp: 659

Ion Ratio Lower Upper

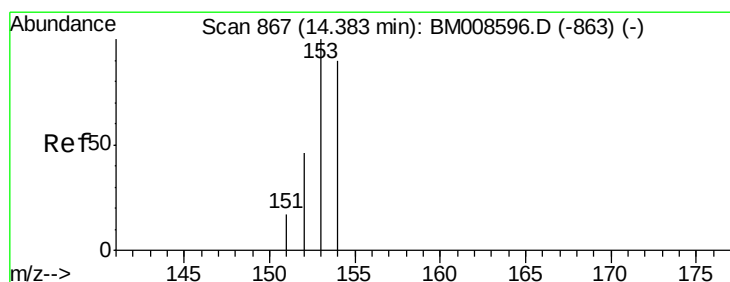
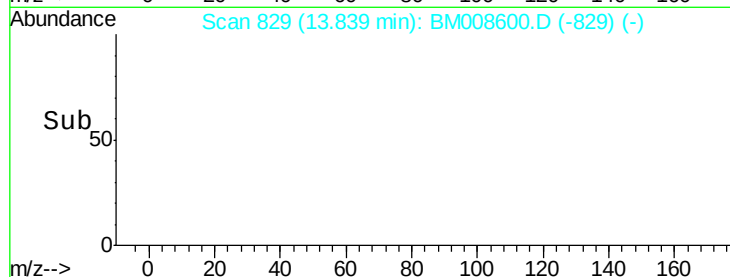
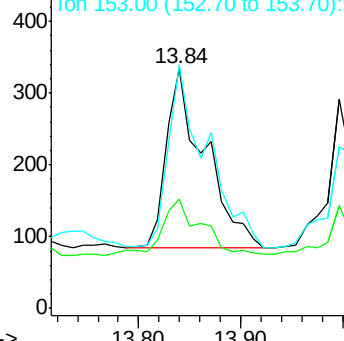
152 100

151 45.8 17.1 25.7#

153 101.5 12.8 19.2#



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: 0.74 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. -0.14 min

Lab File: BM008600.D

Acq: 23 Dec 2016 17:57

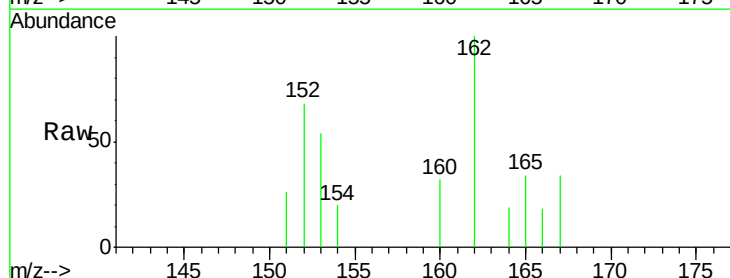
Tgt Ion:153 Resp: 372

Ion Ratio Lower Upper

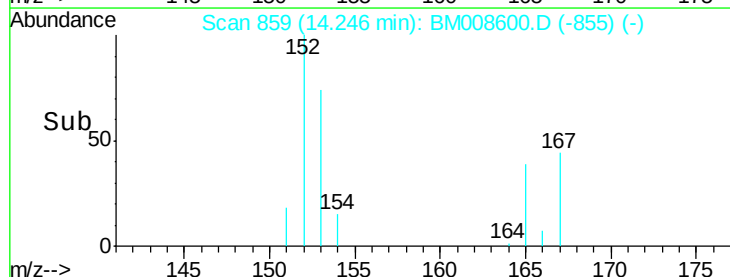
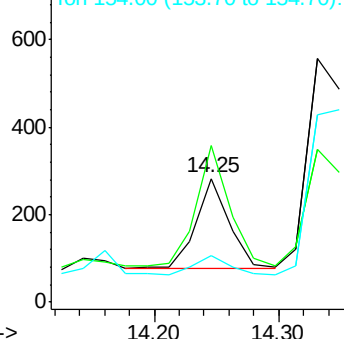
153 100

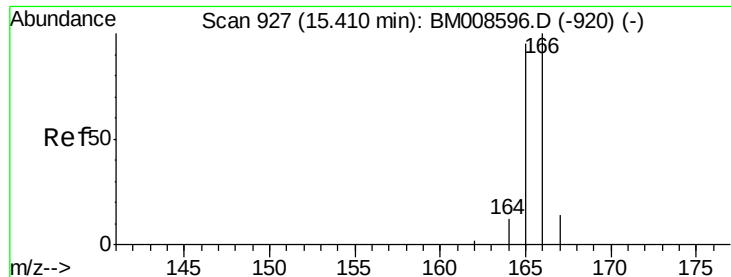
152 127.0 40.3 60.5#

154 37.2 71.4 107.2#



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

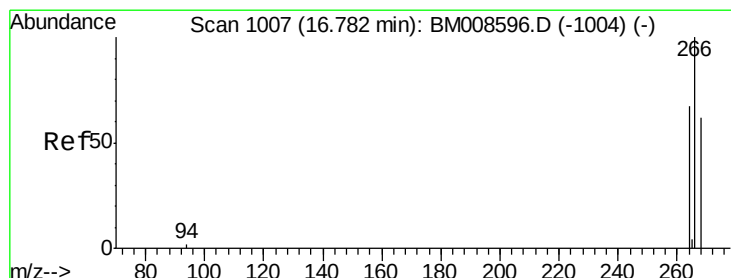
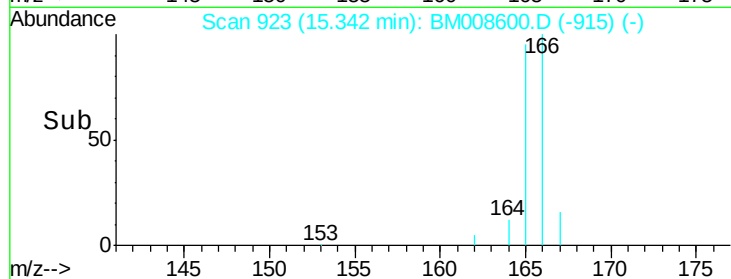
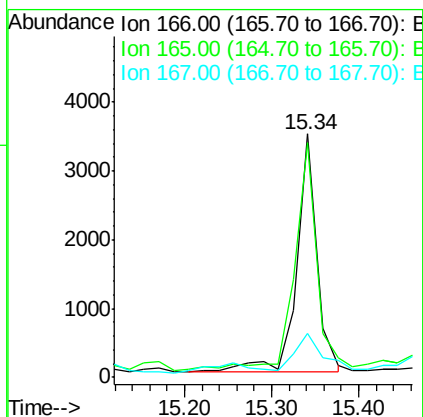
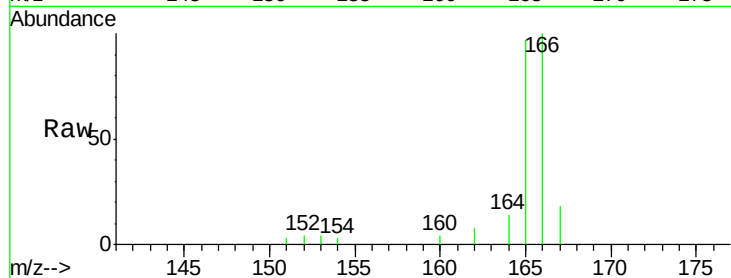




#9
Fluorene
 Concen: 9.85 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. -0.07 min
 Lab File: BM008600.D
 Acq: 23 Dec 2016 17:57

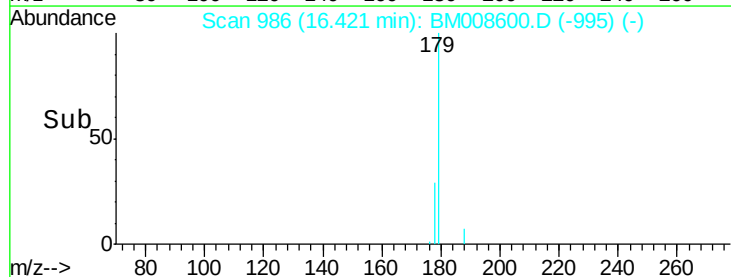
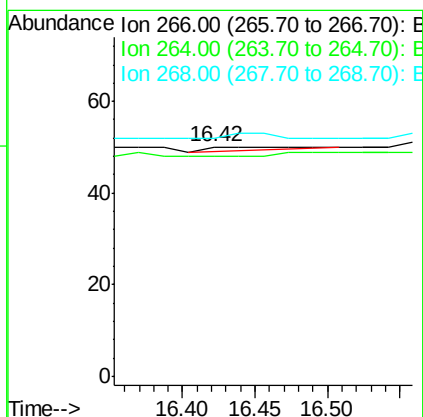
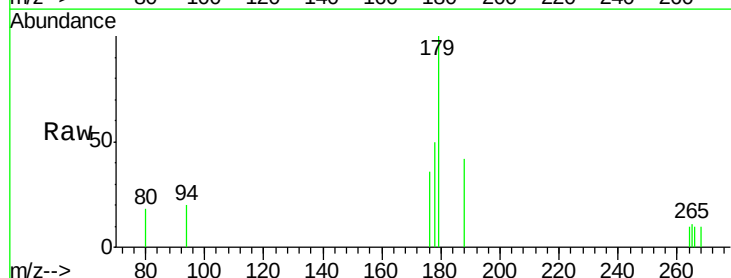
Instrument :
 BNA_M
 ClientSampleId :
 DA8X0

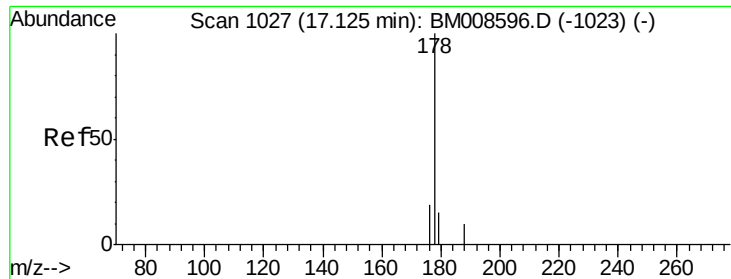
Tgt Ion:166 Resp: 5664
 Ion Ratio Lower Upper
 166 100
 165 96.6 73.4 110.2
 167 18.0 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.05 ng/ul
 RT: 16.42 min Scan# 986
 Delta R.T. -0.36 min
 Lab File: BM008600.D
 Acq: 23 Dec 2016 17:57

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 66.7 49.8 74.8





#12

Phenanthrene

Concen: 0.14 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. -0.34 min

Lab File: BM008600.D

Acq: 23 Dec 2016 17:57

Instrument :

BNA_M

ClientSampleId :

DA8X0

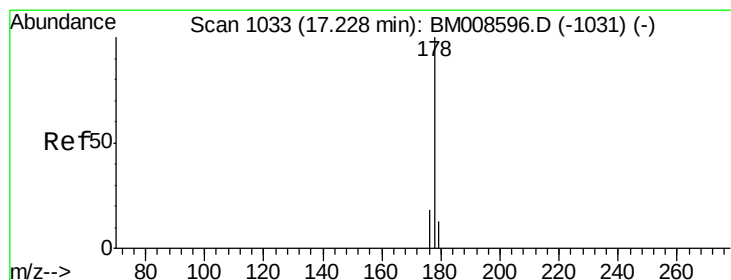
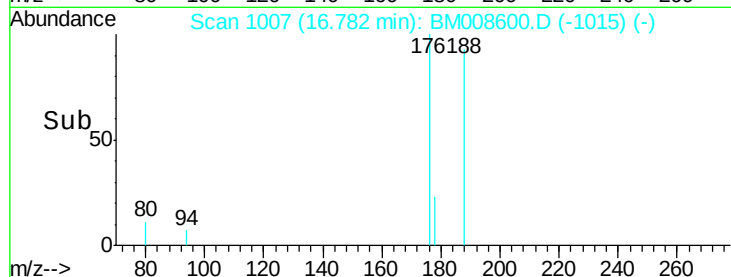
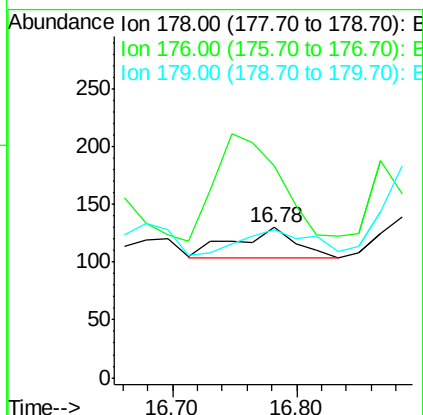
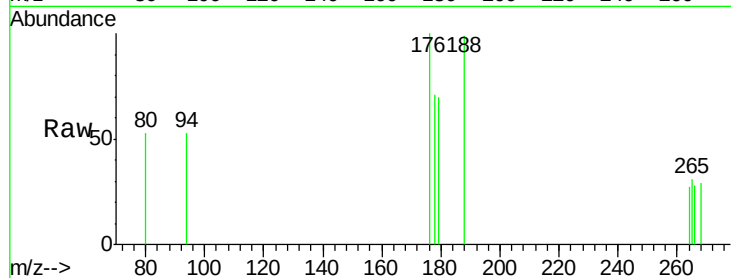
Tgt Ion:178 Resp: 87

Ion Ratio Lower Upper

178 100

176 140.8 18.4 27.6#

179 98.5 13.6 20.4#



#13

Anthracene

Concen: 0.15 ng/ul

RT: 16.88 min Scan# 1013

Delta R.T. -0.34 min

Lab File: BM008600.D

Acq: 23 Dec 2016 17:57

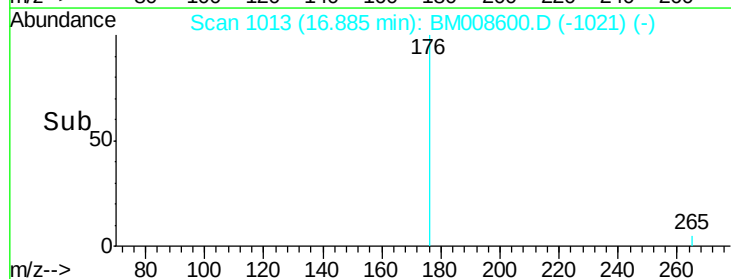
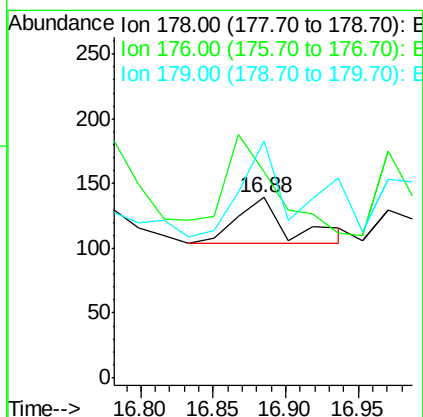
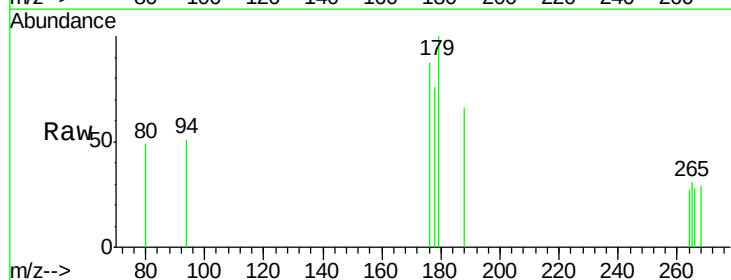
Tgt Ion:178 Resp: 90

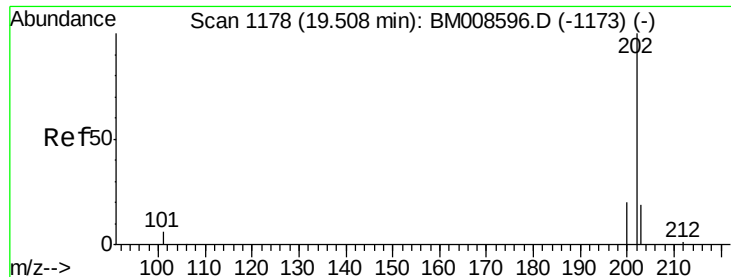
Ion Ratio Lower Upper

178 100

176 114.4 18.1 27.1#

179 131.7 14.7 22.1#

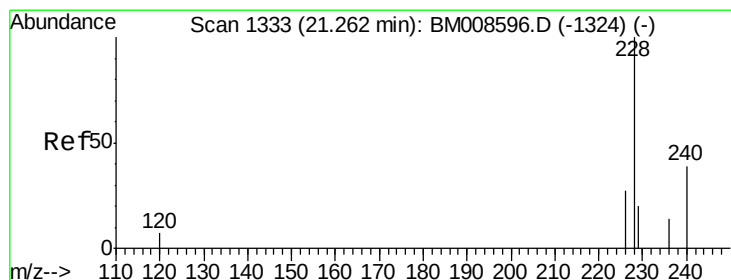
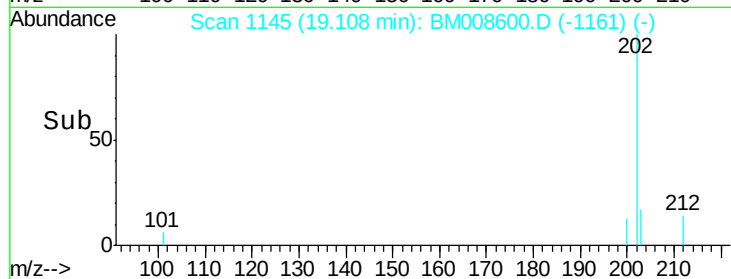
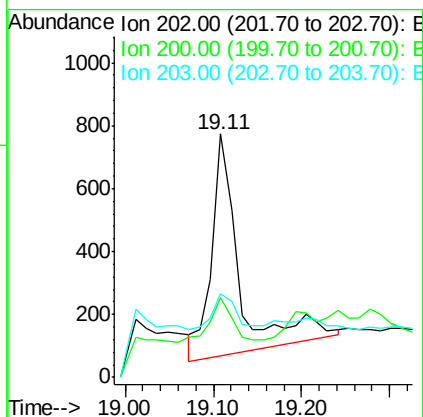
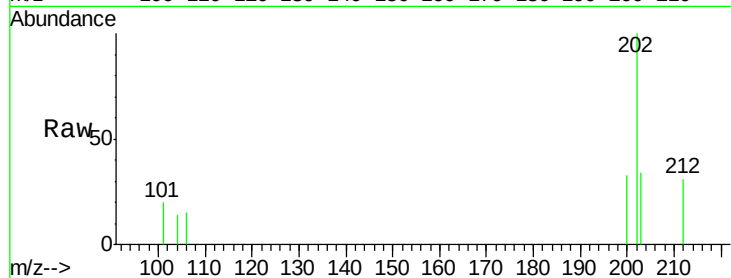




#17
Pyrene
 Concen: 12.43 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.40 min
 Lab File: BM008600.D
 Acq: 23 Dec 2016 17:57

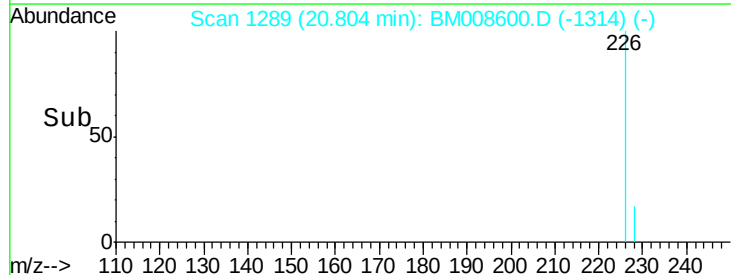
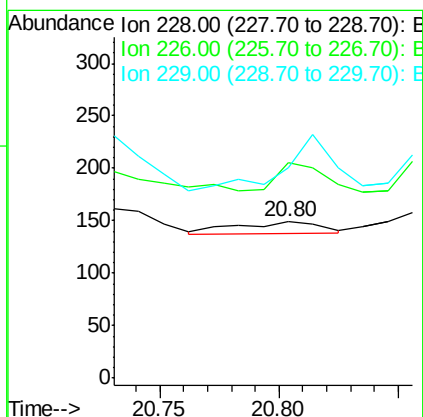
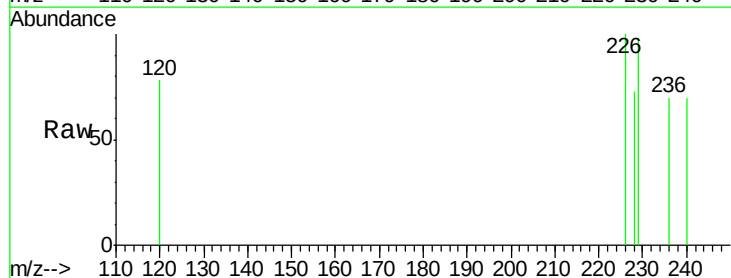
Instrument :
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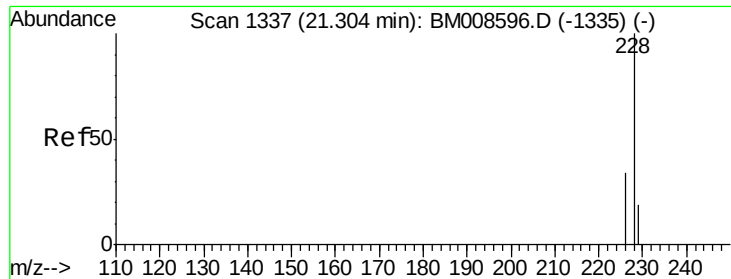
Tgt Ion:202 Resp: 1537
 Ion Ratio Lower Upper
 202 100
 200 32.8 18.2 27.4#
 203 34.4 15.6 23.4#



#18
Benzo(a)anthracene
 Concen: 0.28 ng/ul
 RT: 20.80 min Scan# 1289
 Delta R.T. -0.46 min
 Lab File: BM008600.D
 Acq: 23 Dec 2016 17:57

Tgt Ion:228 Resp: 29
 Ion Ratio Lower Upper
 228 100
 226 137.6 22.8 34.2#
 229 134.9 17.0 25.6#





#19

Chrysene

Concen: 0.27 ng/ul

RT: 20.86 min Scan# 1294

Delta R.T. -0.45 min

Lab File: BM008600.D

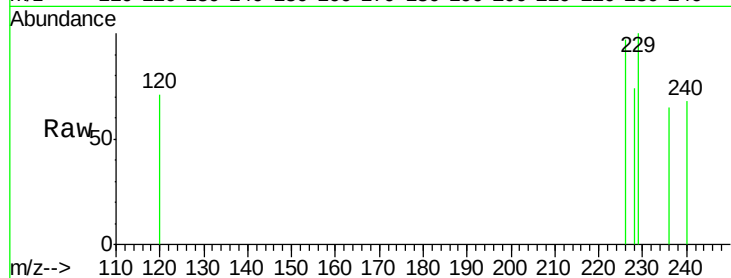
Acq: 23 Dec 2016 17:57

Instrument :

BNA_M

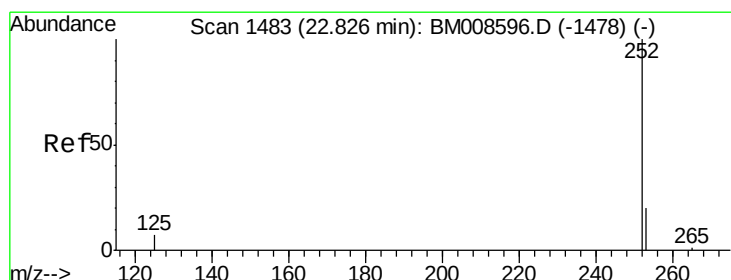
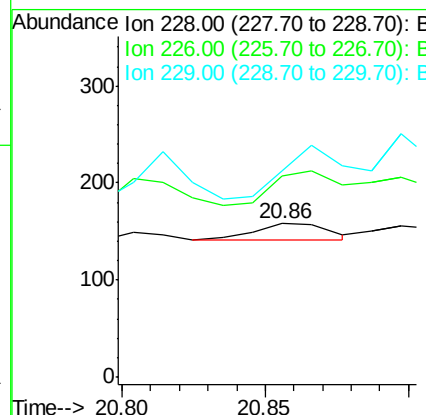
ClientSampleId :

DA8X0



Tgt Ion: 228 Resp: 31

Ion	Ratio	Lower	Upper
228	100		
226	131.0	23.4	35.0#
229	134.8	17.7	26.5#



#21

Benzo(b)fluoranthene

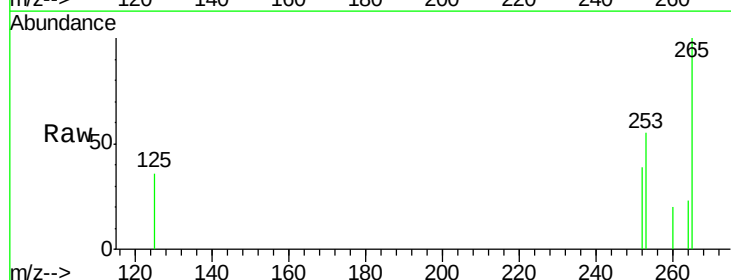
Concen: 0.86 ng/ul

RT: 22.39 min Scan# 1441

Delta R.T. -0.44 min

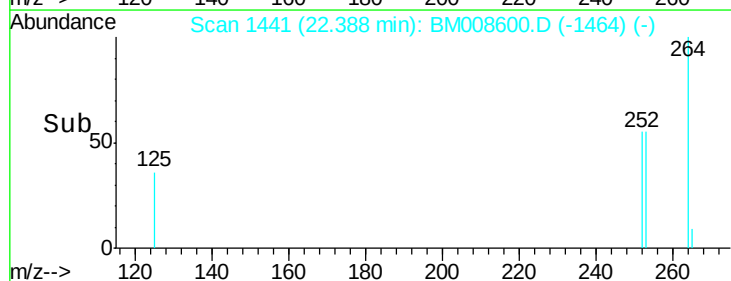
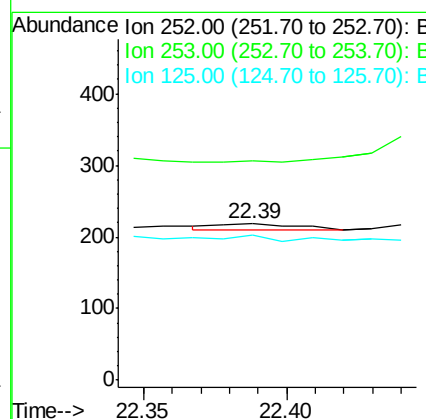
Lab File: BM008600.D

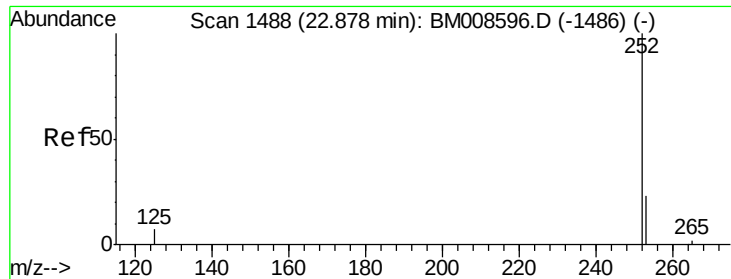
Acq: 23 Dec 2016 17:57



Tgt Ion: 252 Resp: 17

Ion	Ratio	Lower	Upper
252	100		
253	140.8	0.0	64.2#
125	92.7	0.0	35.0#

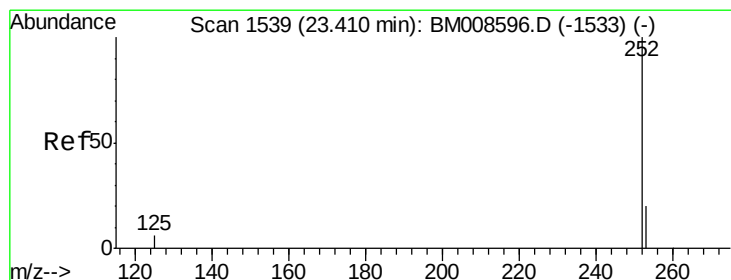
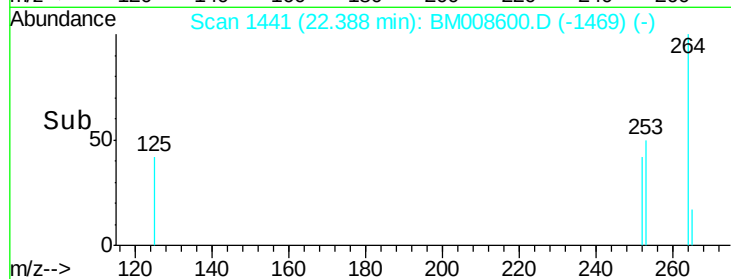
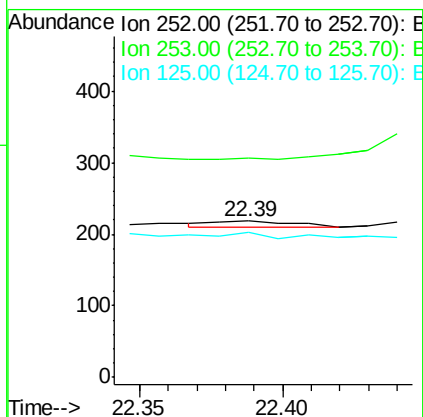
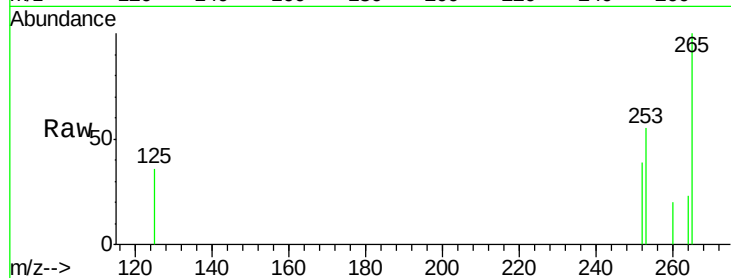




#22
Benzo(k)fluoranthene
Concen: 0.89 ng/ul
RT: 22.39 min Scan# 1441
Delta R.T. -0.49 min
Lab File: BM008600.D
Acq: 23 Dec 2016 17:57

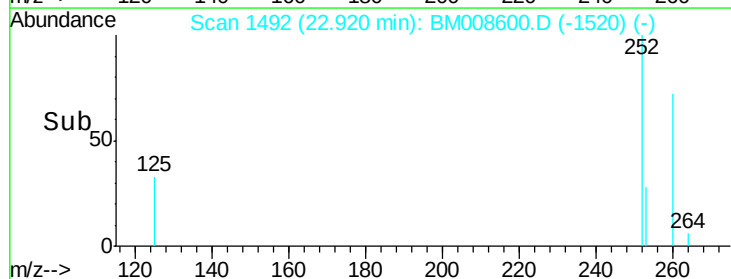
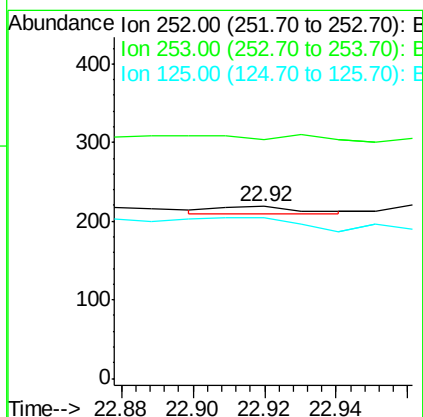
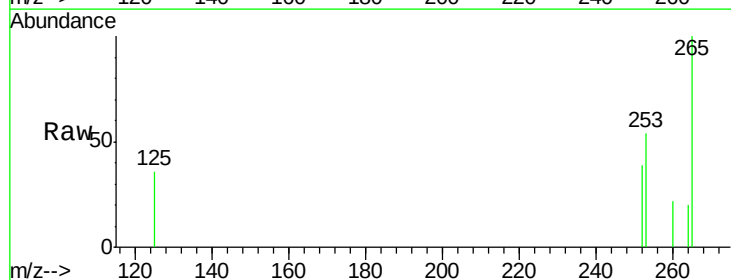
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BNA_M
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DA8X0

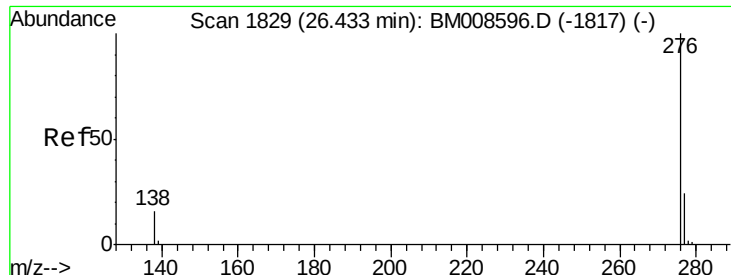
Tgt Ion: 252 Resp: 17
Ion Ratio Lower Upper
252 100
253 140.8 24.5 36.7#
125 92.7 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.88 ng/ul
RT: 22.92 min Scan# 1492
Delta R.T. -0.49 min
Lab File: BM008600.D
Acq: 23 Dec 2016 17:57

Tgt Ion: 252 Resp: 16
Ion Ratio Lower Upper
252 100
253 138.8 28.5 42.7#
125 93.2 18.1 27.1#





#26

Benzo(g,h,i)perylene

Concen: 0.32 ng/ul

RT: 25.87 min Scan# 1775

Delta R.T. -0.56 min

Lab File: BM008600.D

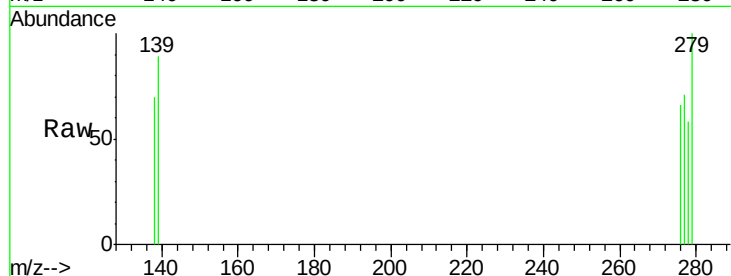
Acq: 23 Dec 2016 17:57

Instrument :

BNA_M

ClientSampleId :

DA8X0



Tgt Ion:	276	Resp:	6
Ion	Ratio	Lower	Upper
276	100		
277	108.2	21.8	32.8#
138	107.1	20.5	30.7#

