

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008609.D
 Acq On : 23 Dec 2016 23:17
 Operator : UM/SJ
 Sample : H5995-05RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA867

Quant Time: Dec 24 00:32:47 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

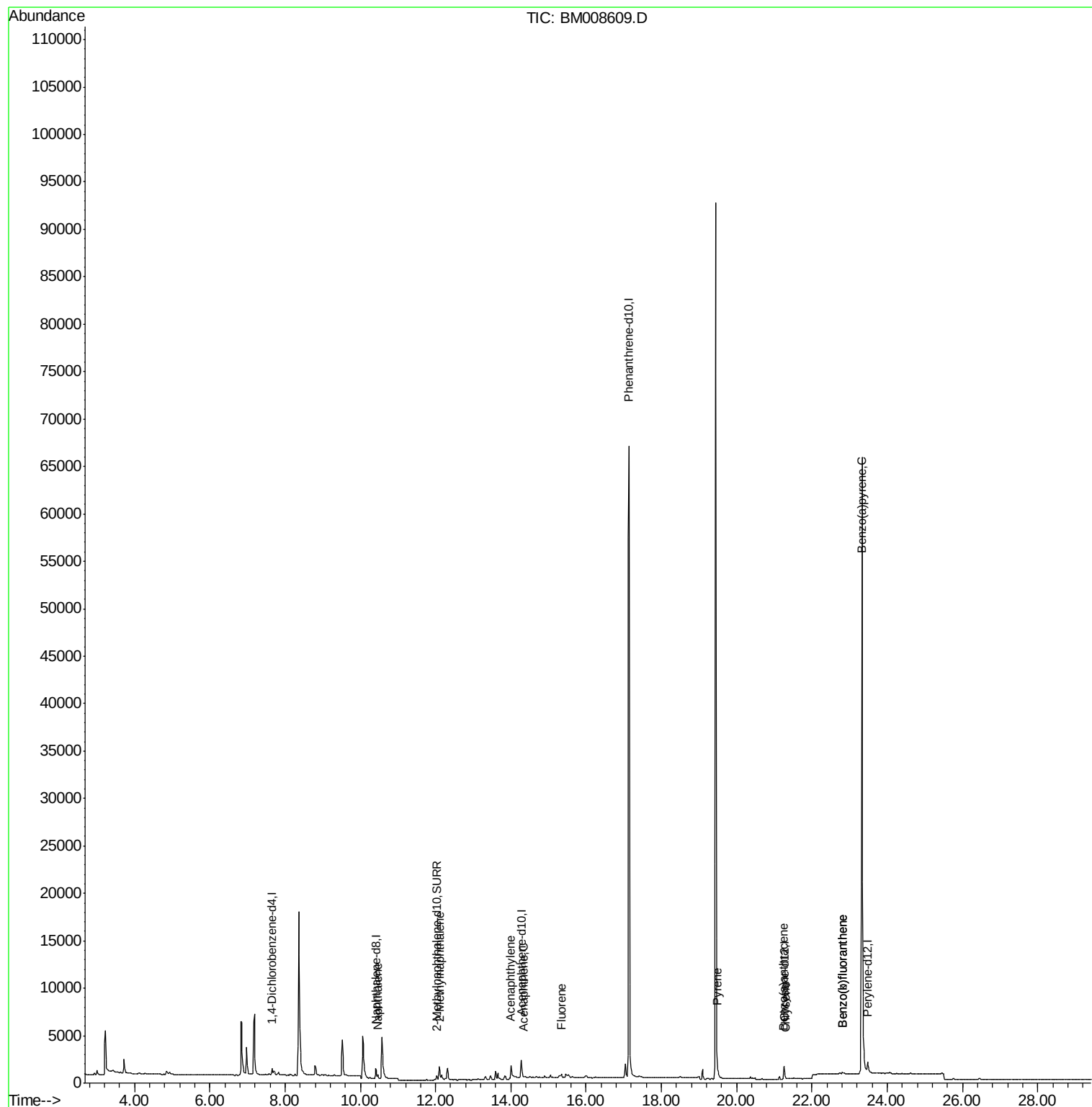
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	489	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1665	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1012	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	119294	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1782	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	2348	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	692	0.27	ng/ul	-0.07
14) Fluoranthene-d10	19.09	212	1313	0.00	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	742	0.16	ng/ul#	80
5) 2-Methylnaphthalene	12.10	142	1318	0.42	ng/ul	91
7) Acenaphthylene	14.01	152	97	0.02	ng/ul#	1
8) Acenaphthene	14.35	153	137	0.04	ng/ul#	82
9) Fluorene	15.34	166	269	0.07	ng/ul#	79
17) Pyrene	19.48	202	586	0.09	ng/ul#	62
18) Benzo(a)anthracene	21.24	228	165	0.03	ng/ul#	39
19) Chrysene	21.30	228	204	0.03	ng/ul#	46
21) Benzo(b)fluoranthene	22.81	252	398	0.04	ng/ul#	8
22) Benzo(k)fluoranthene	22.81	252	407	0.05	ng/ul#	4
23) Benzo(a)pyrene	23.32	252	599	0.07	ng/ul#	25

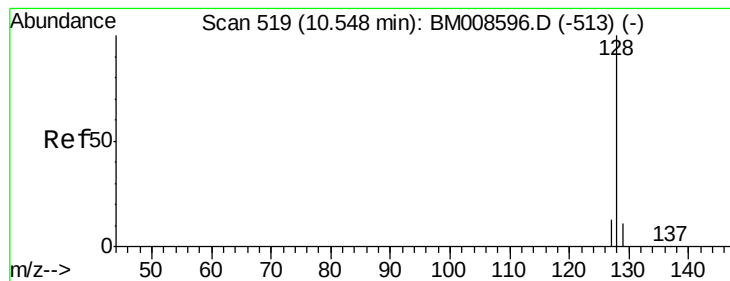
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.16 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

Instrument :

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ClientSampleId :

DA867

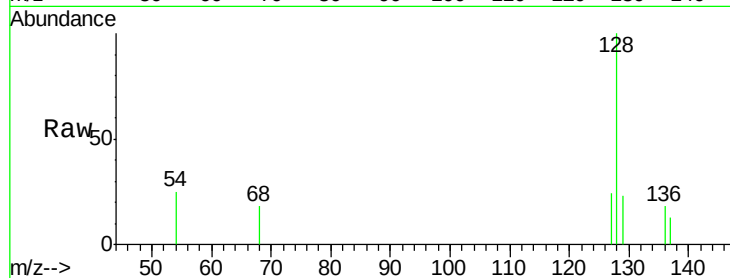
Tgt Ion:128 Resp: 742

Ion Ratio Lower Upper

128 100

129 22.9 11.3 16.9#

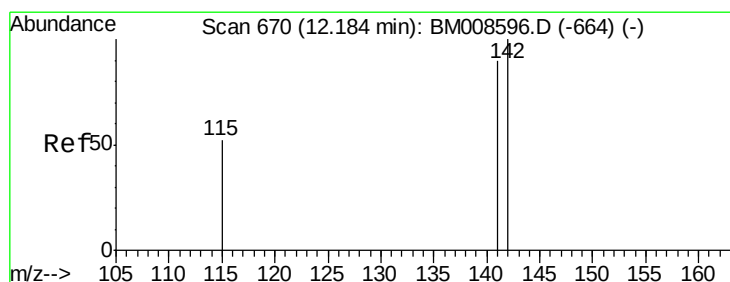
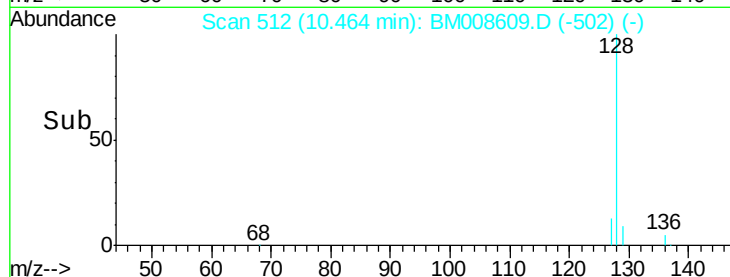
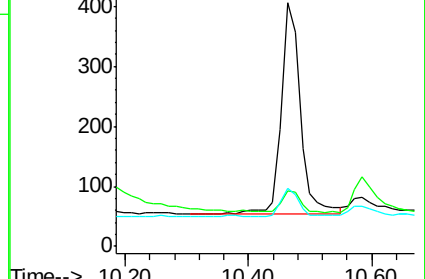
127 23.9 12.8 19.2#



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: 0.42 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.08 min

Lab File: BM008609.D

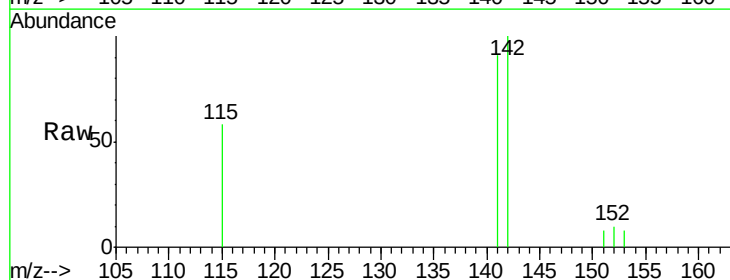
Acq: 23 Dec 2016 23:17

Tgt Ion:142 Resp: 1318

Ion Ratio Lower Upper

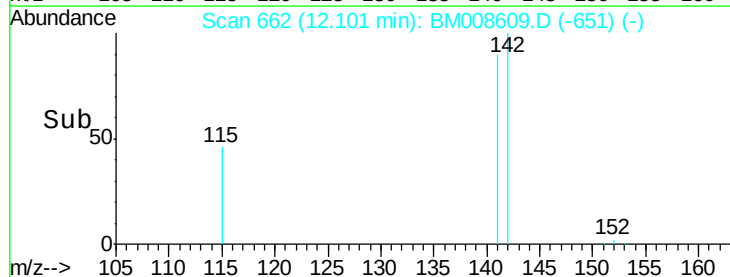
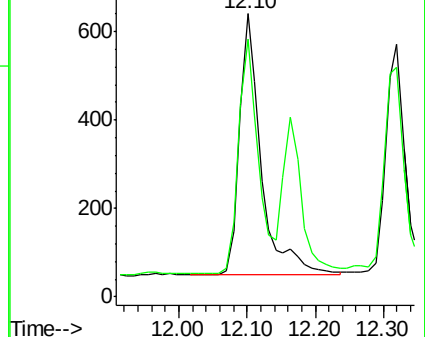
142 100

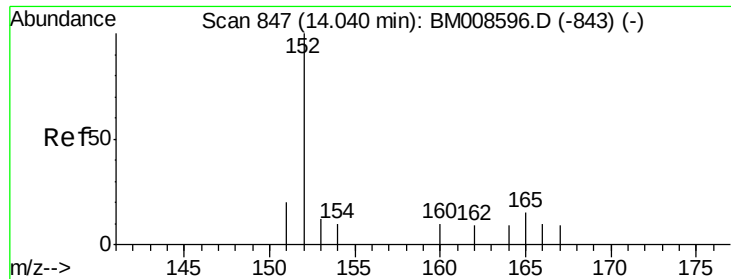
141 82.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

Instrument :

BNA_M

ClientSampleId :

DA867

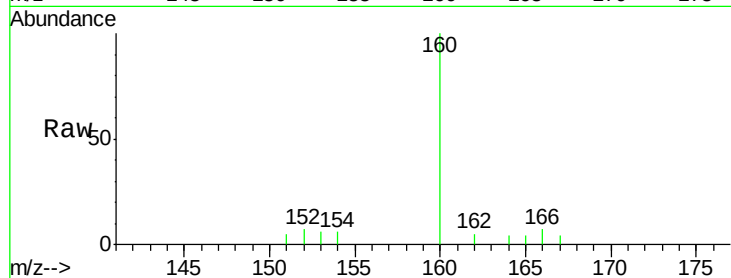
Tgt Ion:152 Resp: 97

Ion Ratio Lower Upper

152 100

151 67.8 17.1 25.7#

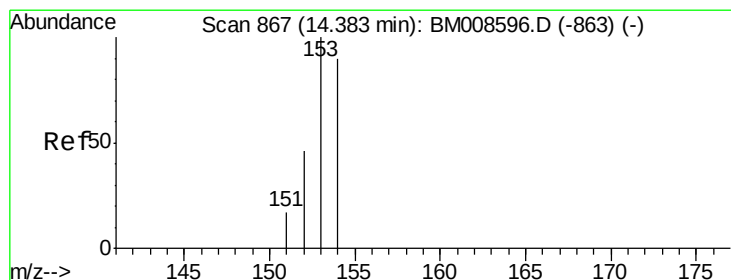
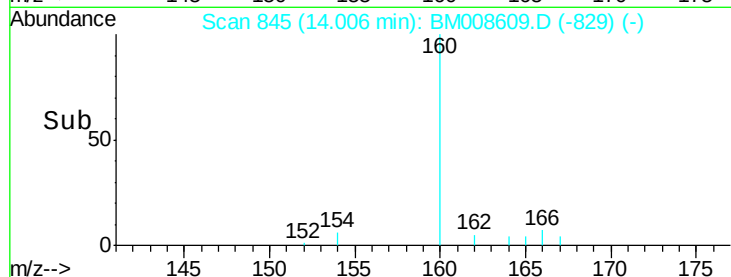
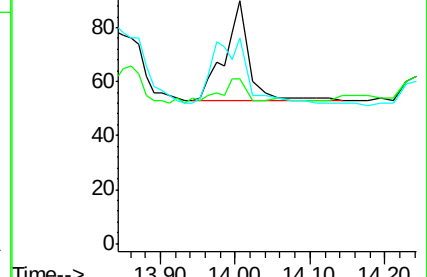
153 84.4 12.8 19.2#



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: 0.04 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

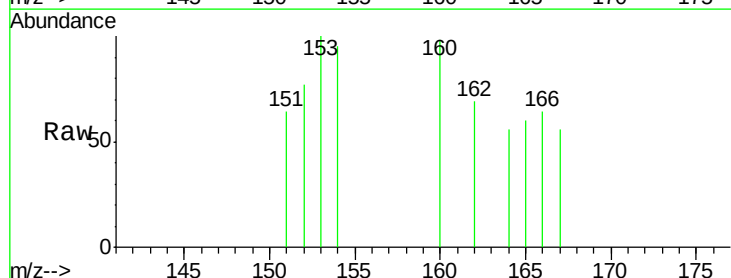
Tgt Ion:153 Resp: 137

Ion Ratio Lower Upper

153 100

152 77.1 40.3 60.5#

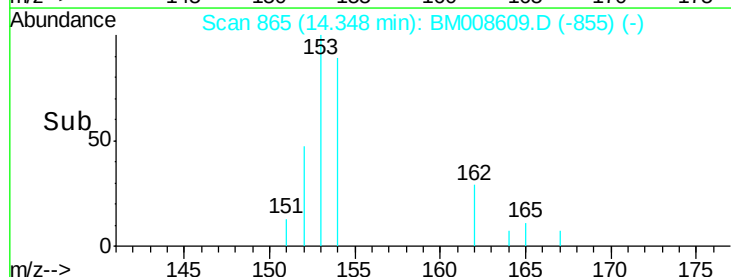
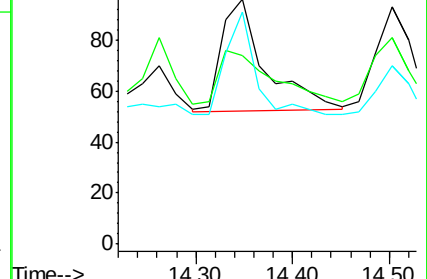
154 94.8 71.4 107.2

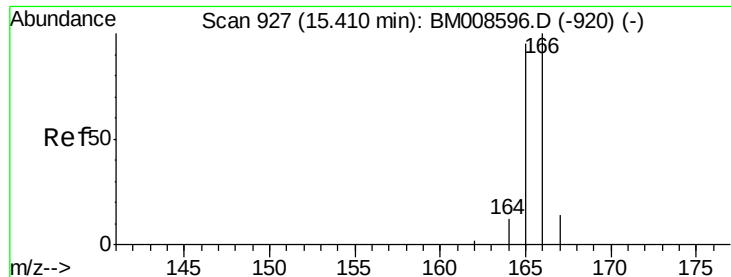


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

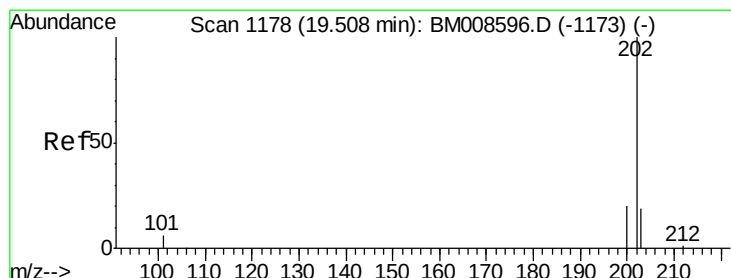
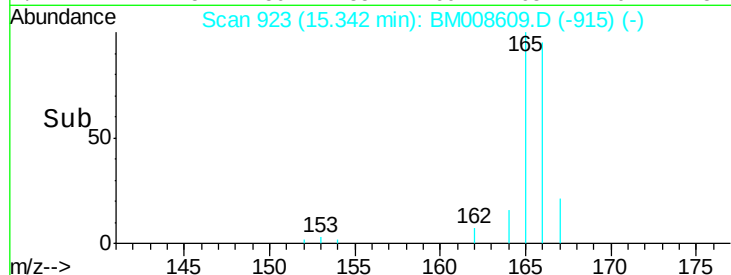
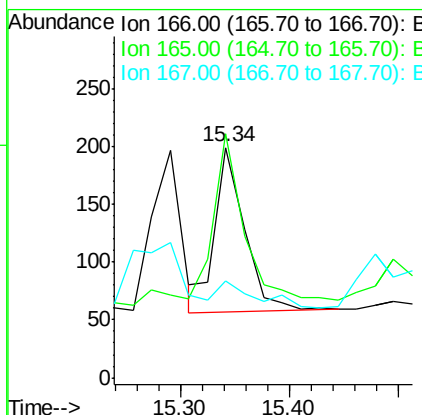
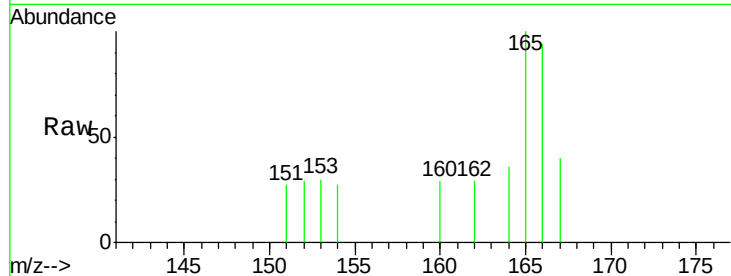




#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008609.D
Acq: 23 Dec 2016 23:17

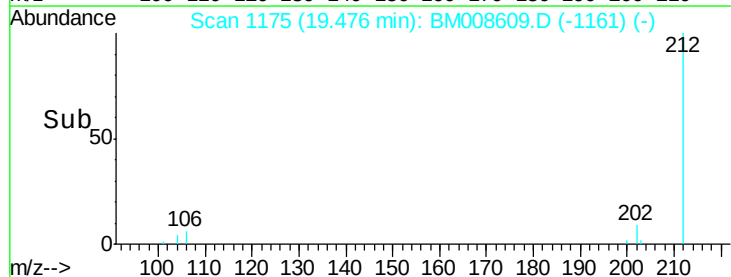
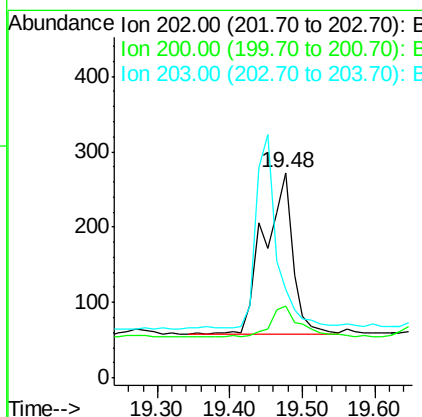
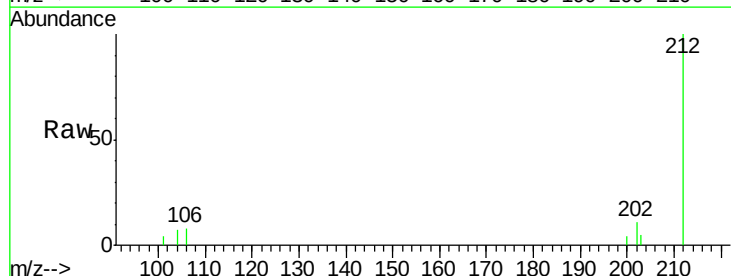
Instrument :
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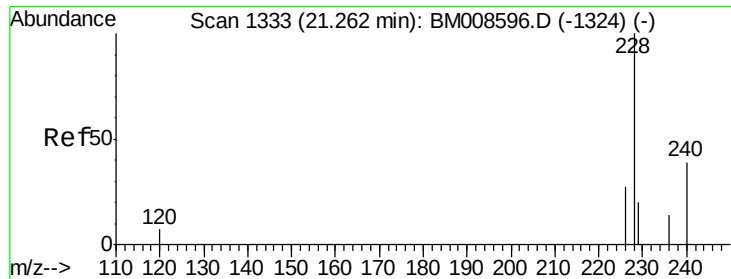
Tgt Ion:166 Resp: 269
Ion Ratio Lower Upper
166 100
165 106.0 73.4 110.2
167 42.2 14.6 22.0#



#17
Pyrene
Concen: 0.09 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BM008609.D
Acq: 23 Dec 2016 23:17

Tgt Ion:202 Resp: 586
Ion Ratio Lower Upper
202 100
200 35.3 18.2 27.4#
203 43.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

Instrument :

BNA_M

ClientSampleId :

DA867

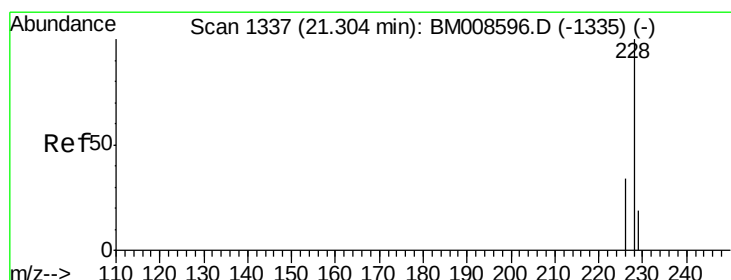
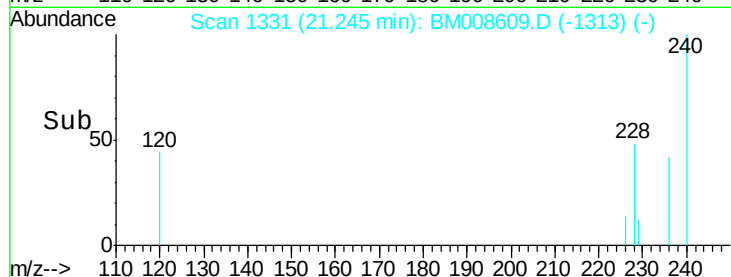
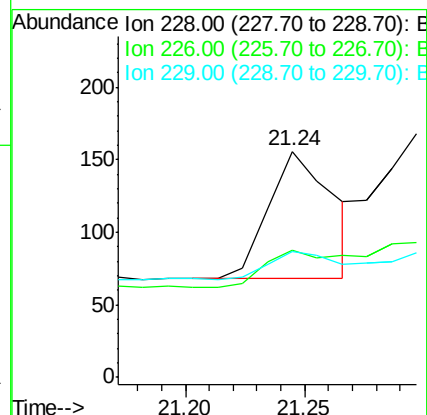
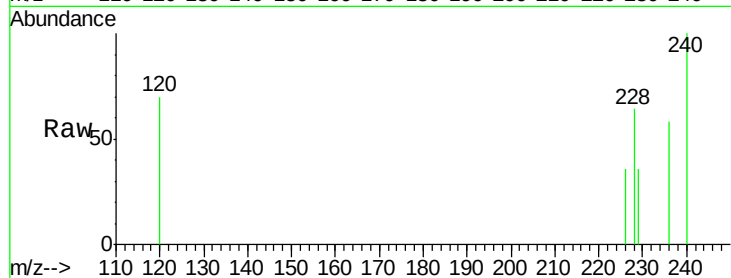
Tgt Ion:228 Resp: 165

Ion Ratio Lower Upper

228 100

226 56.4 22.8 34.2#

229 55.8 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.30 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

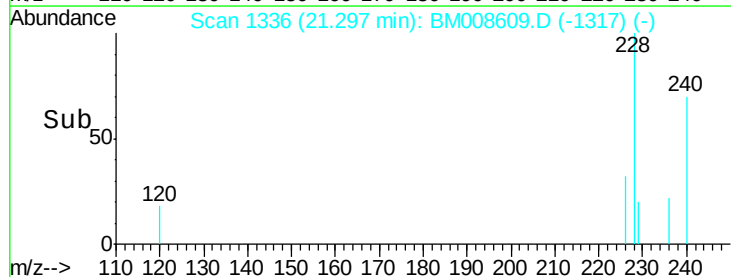
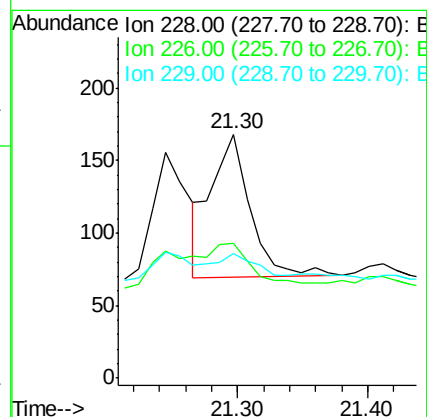
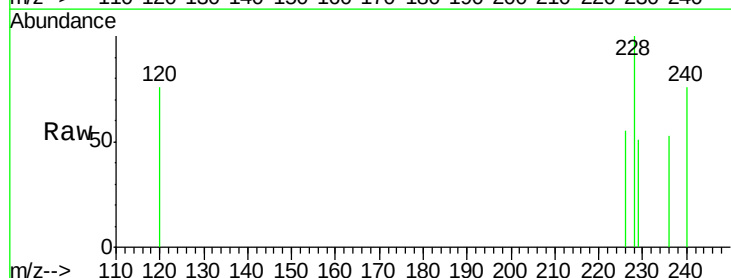
Tgt Ion:228 Resp: 204

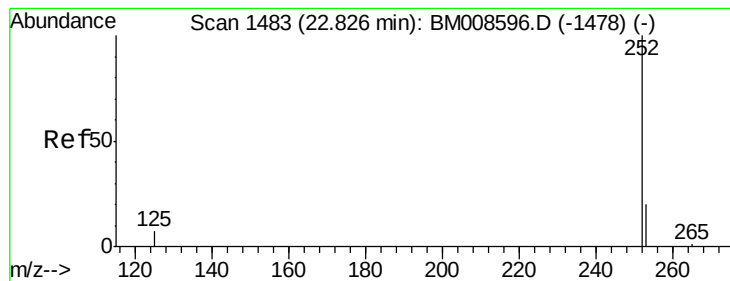
Ion Ratio Lower Upper

228 100

226 55.4 23.4 35.0#

229 51.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.04 ng/ul

RT: 22.81 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

Instrument :

BNA_M

ClientSampleId :

DA867

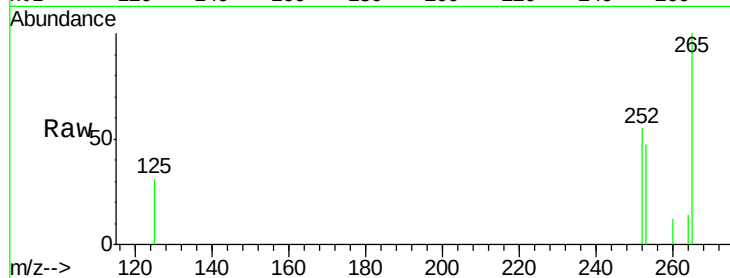
Tgt Ion:252 Resp: 398

Ion Ratio Lower Upper

252 100

253 84.8 0.0 64.2#

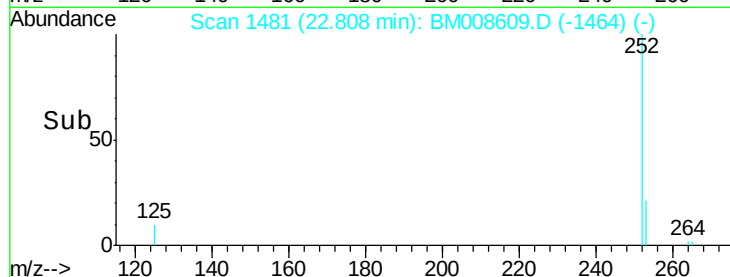
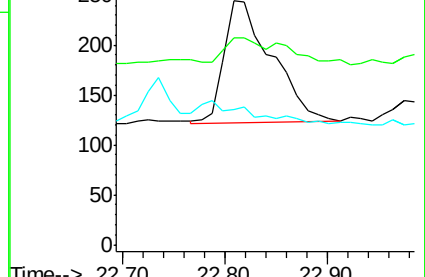
125 55.7 0.0 35.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 22.81 min Scan# 1481

Delta R.T. -0.07 min

Lab File: BM008609.D

Acq: 23 Dec 2016 23:17

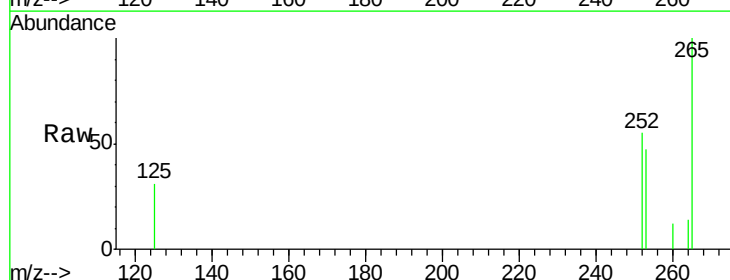
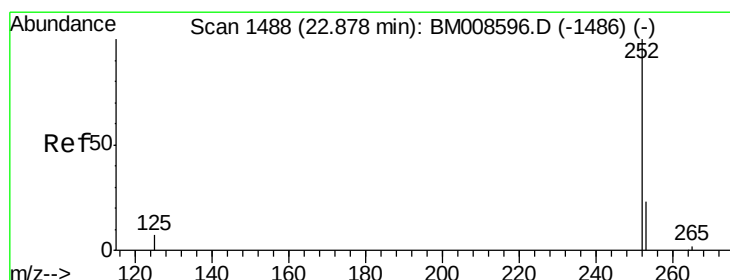
Tgt Ion:252 Resp: 407

Ion Ratio Lower Upper

252 100

253 84.8 24.5 36.7#

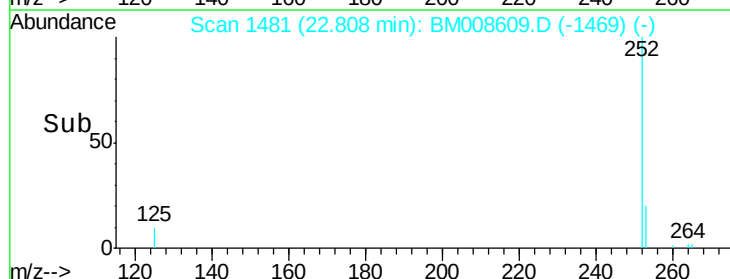
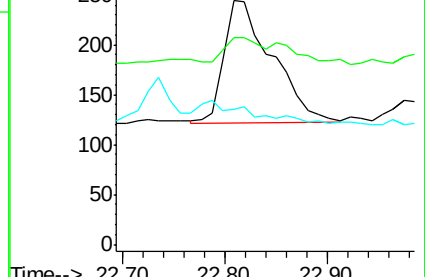
125 55.7 13.7 20.5#

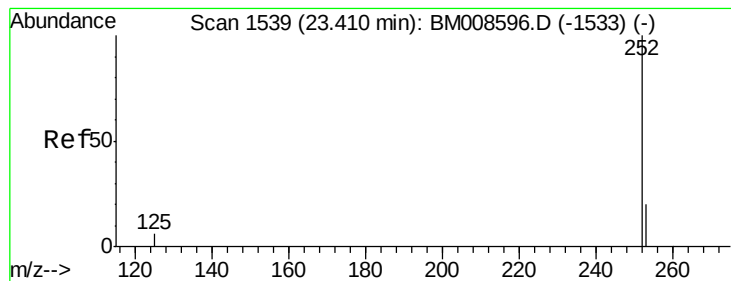


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.32 min Scan# 1530

Delta R.T. -0.09 min

Lab File: BM008609.D

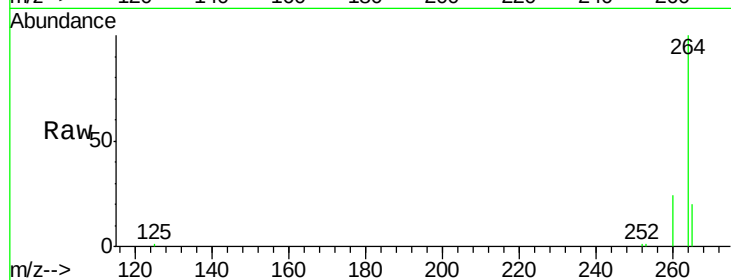
Acq: 23 Dec 2016 23:17

Instrument :

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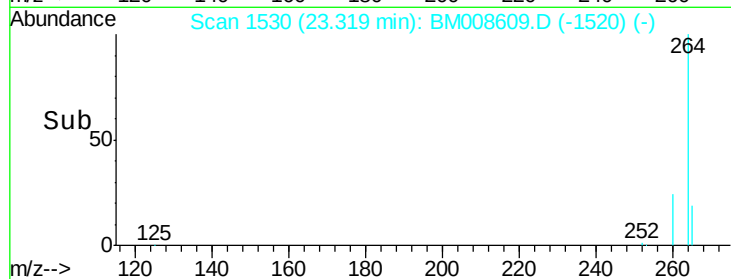
Tgt Ion: 252 Resp: 599

Ion Ratio Lower Upper

252 100

253 78.1 28.5 42.7#

125 60.3 18.1 27.1#



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

Time-->

23.32

400

300

200

100

0

23.30 23.40 23.50