

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008606.D
 Acq On : 23 Dec 2016 21:31
 Operator : UM/SJ
 Sample : H6069-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J3

Quant Time: Dec 23 23:42:51 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

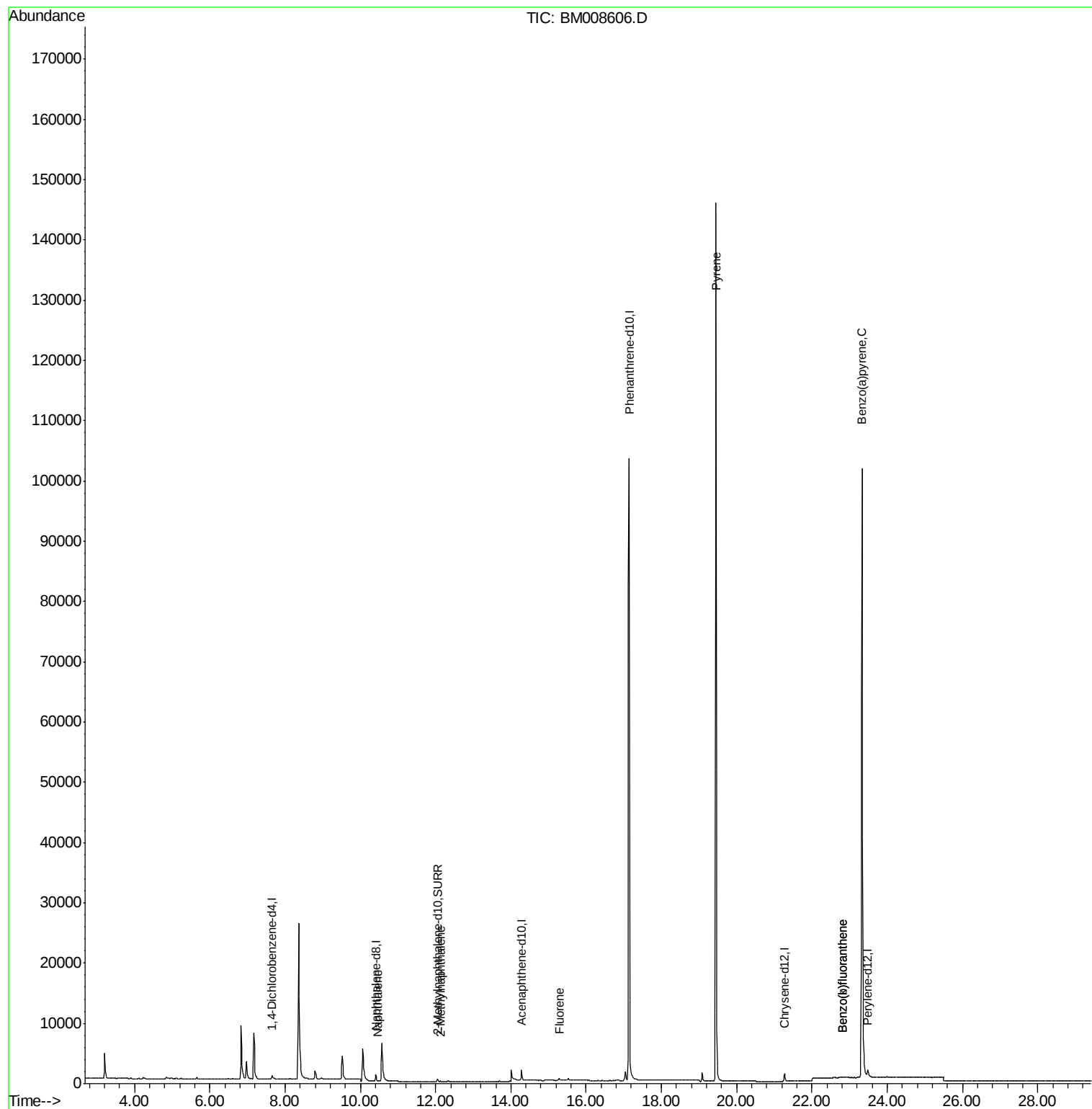
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	486	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1606	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1008	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	176952	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1669	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	2376	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	843	0.34	ng/ul	-0.05
14) Fluoranthene-d10	19.08	212	1737	0.00	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.46	128	117	0.03	ng/ul#	12
5) 2-Methylnaphthalene	12.12	142	87	0.03	ng/ul	97
9) Fluorene	15.29	166	422	0.11	ng/ul#	30
17) Pyrene	19.45	202	480	0.07	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	258	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	251	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	870	0.10	ng/ul#	43

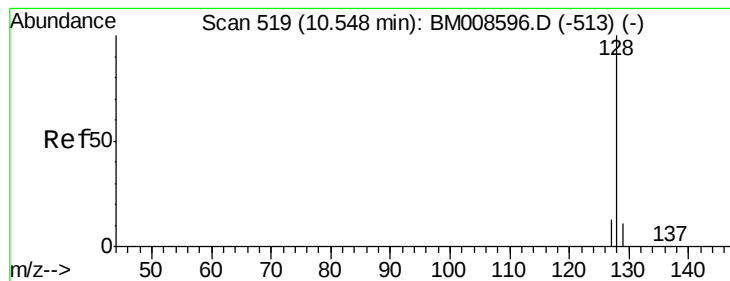
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008606.D

Acq: 23 Dec 2016 21:31

Instrument :

BNA_M

ClientSampleId :

DA7J3

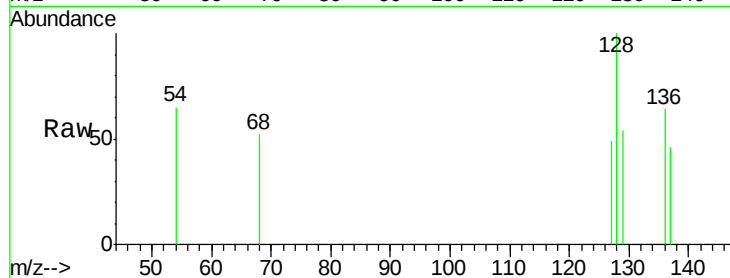
Tgt Ion:128 Resp: 117

Ion Ratio Lower Upper

128 100

129 54.4 11.3 16.9#

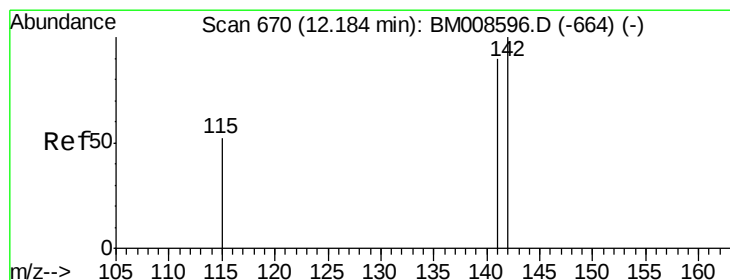
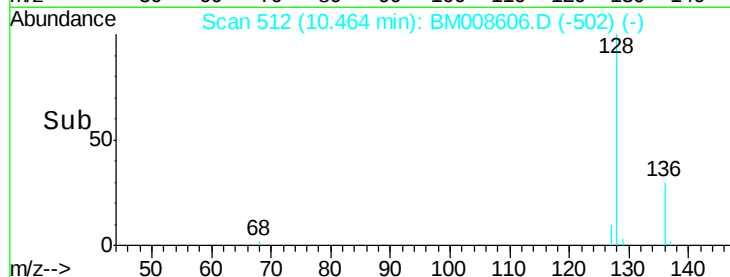
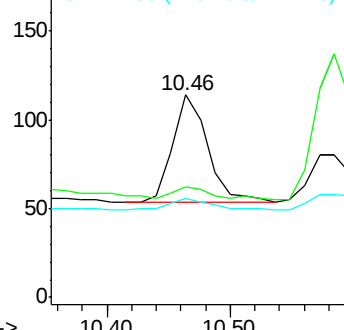
127 49.1 12.8 19.2#



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: 0.03 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.06 min

Lab File: BM008606.D

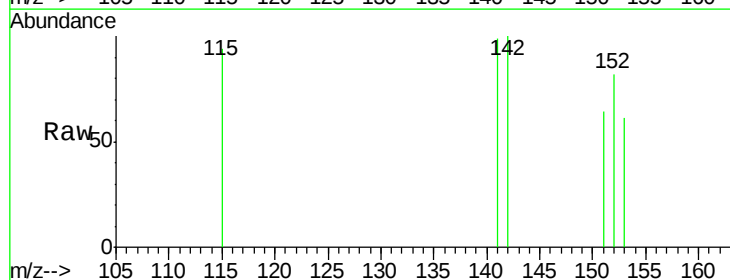
Acq: 23 Dec 2016 21:31

Tgt Ion:142 Resp: 87

Ion Ratio Lower Upper

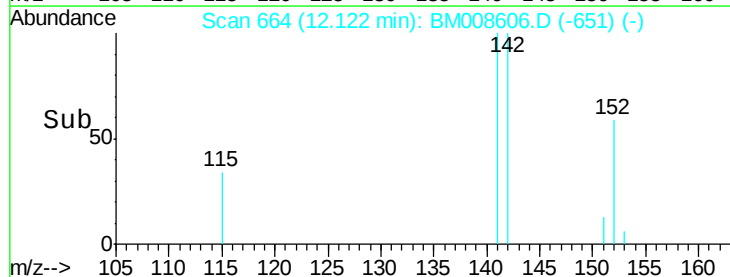
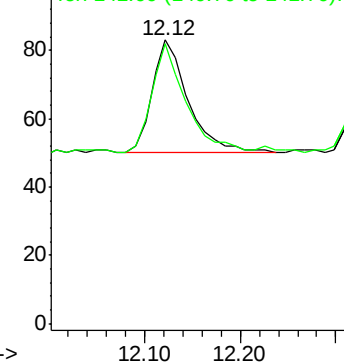
142 100

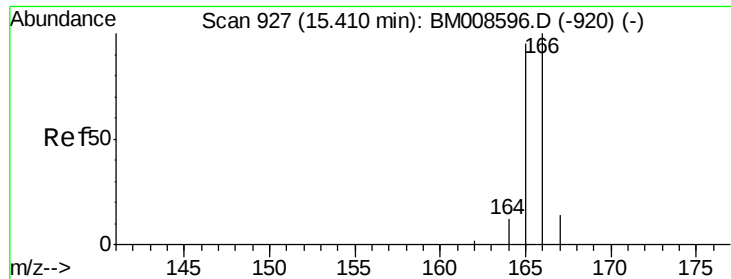
141 93.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

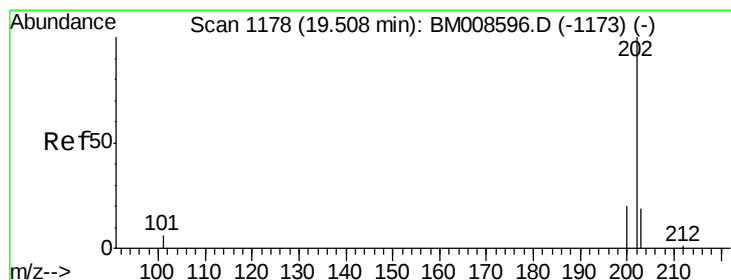
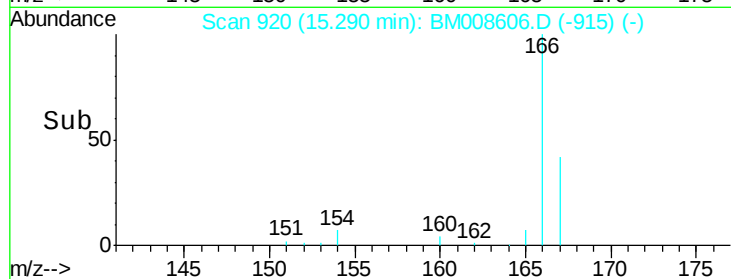
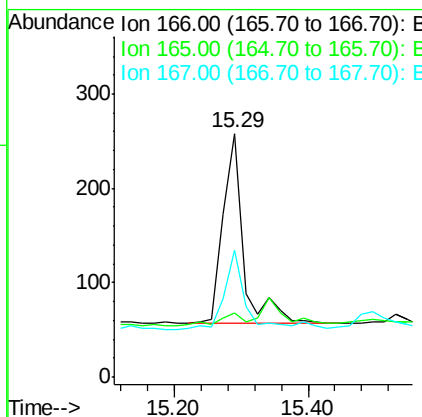
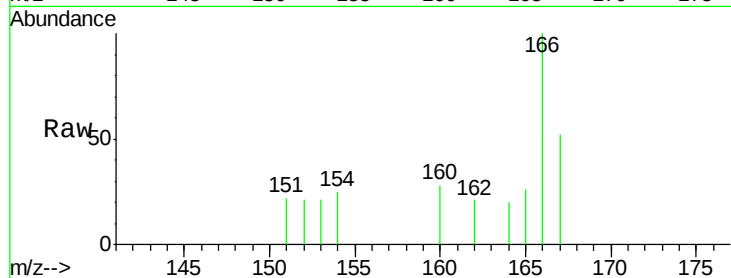




#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.29 min Scan# 920
 Delta R.T. -0.12 min
 Lab File: BM008606.D
 Acq: 23 Dec 2016 21:31

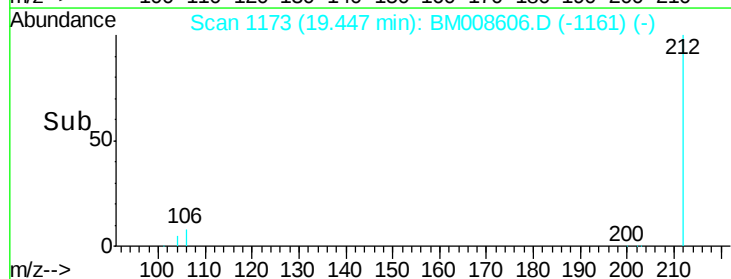
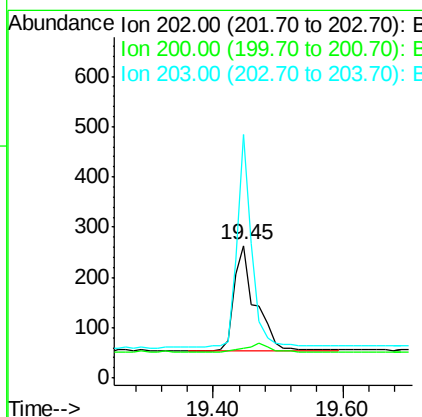
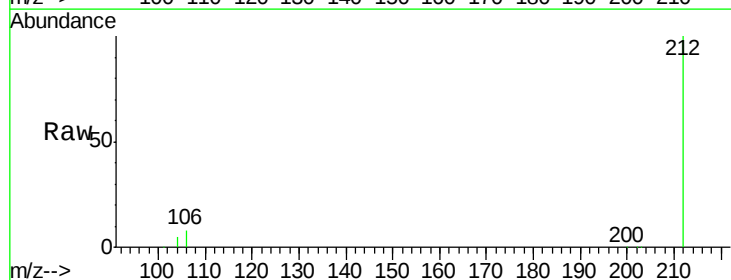
Instrument :
 BNA_M
 ClientSampleId :
 DA7J3

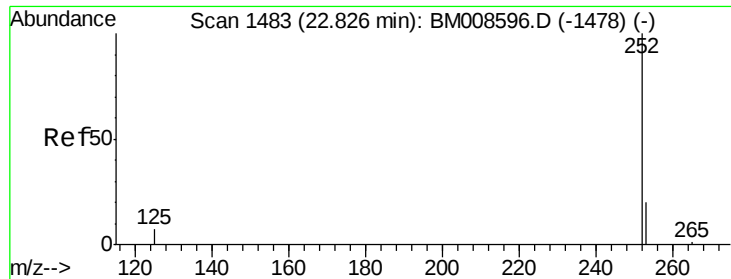
Tgt Ion:166 Resp: 422
 Ion Ratio Lower Upper
 166 100
 165 26.4 73.4 110.2#
 167 52.3 14.6 22.0#



#17
Pyrene
 Concen: 0.07 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. -0.06 min
 Lab File: BM008606.D
 Acq: 23 Dec 2016 21:31

Tgt Ion:202 Resp: 480
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.2 27.4
 203 184.0 15.6 23.4#





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM008606.D

Acq: 23 Dec 2016 21:31

Instrument :

BNA_M

ClientSampleId :

DA7J3

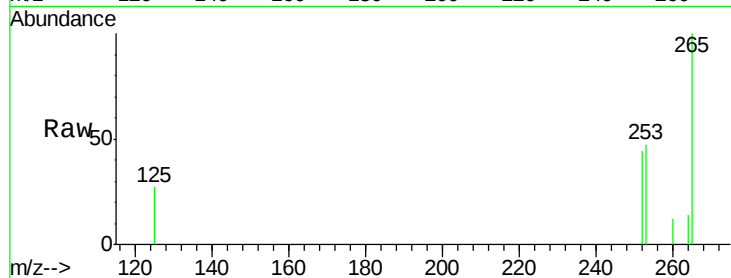
Tgt Ion:252 Resp: 258

Ion Ratio Lower Upper

252 100

253 107.2 0.0 64.2#

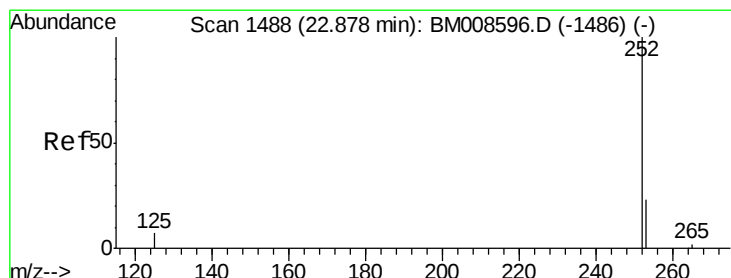
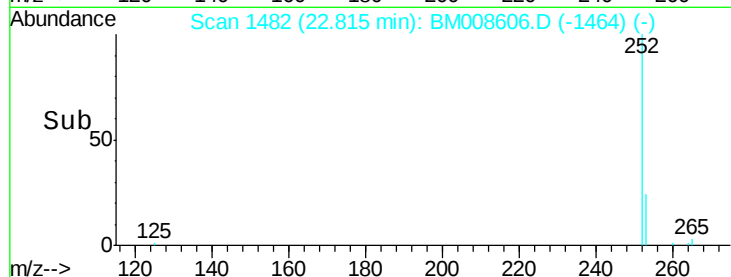
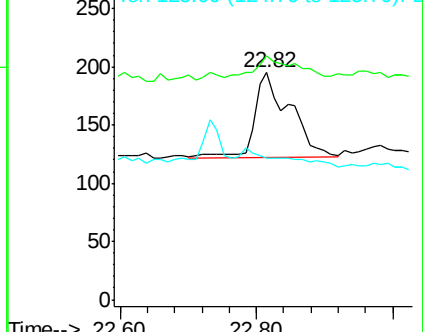
125 62.6 0.0 35.0#



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: 0.03 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.06 min

Lab File: BM008606.D

Acq: 23 Dec 2016 21:31

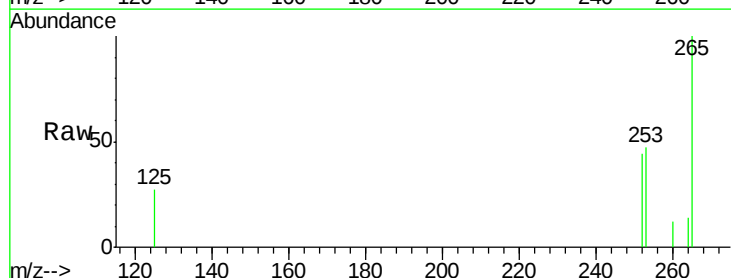
Tgt Ion:252 Resp: 251

Ion Ratio Lower Upper

252 100

253 107.2 24.5 36.7#

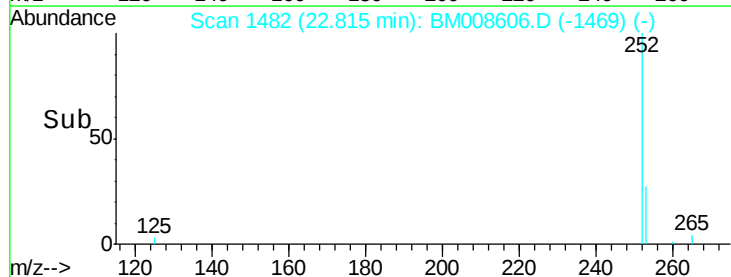
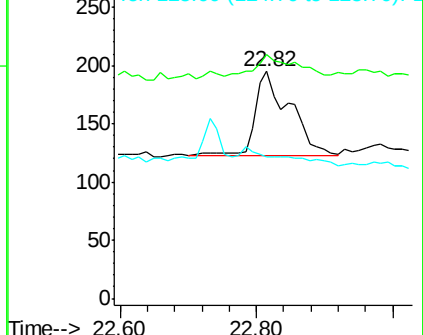
125 62.6 13.7 20.5#

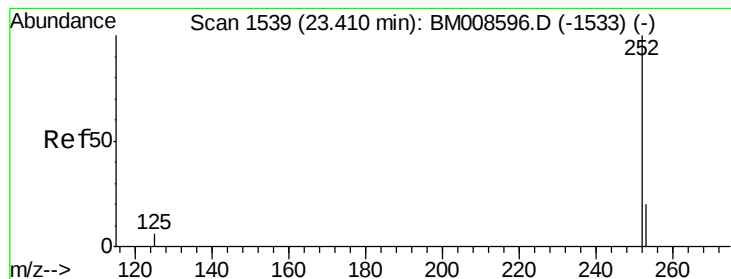


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.08 min

Lab File: BM008606.D

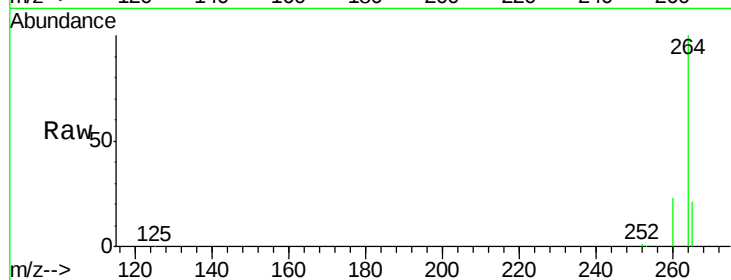
Acq: 23 Dec 2016 21:31

Instrument :

BNA_M

ClientSampleId :

DA7J3



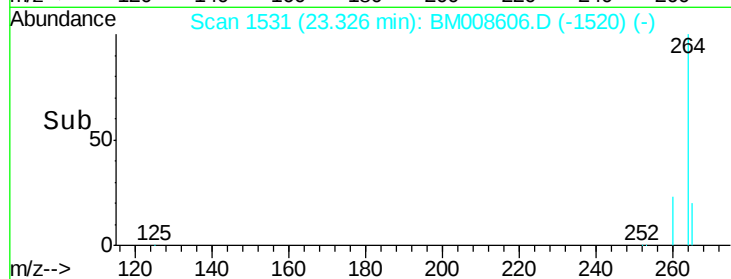
Tgt Ion: 252 Resp: 870

Ion Ratio Lower Upper

252 100

253 67.8 28.5 42.7#

125 51.6 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

23.33

400

300

200

100

0

Time--> 23.20 23.40