

Data File : BM021917.D
Acq On : 08 Aug 2019 04:36
Operator : HP/JU
Sample : K4029-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY5

Quant Time: Aug 08 06:57:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration

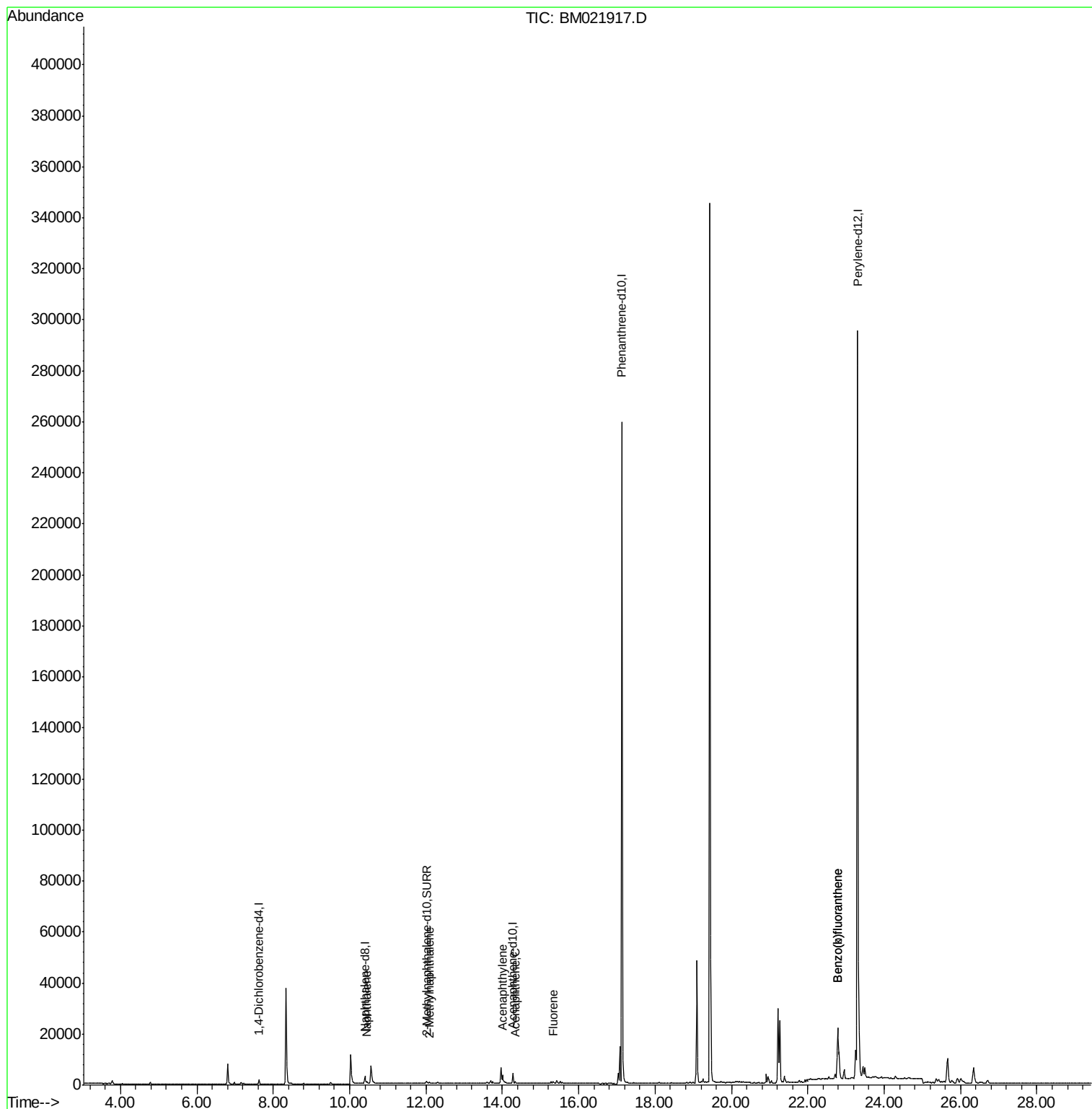
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3853	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2155	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.13	188	304002	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.30	264	363380	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1579	0.25	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	785	0.072	ng/ul#	89
5) 2-Methylnaphthalene	12.09	142	394	0.054	ng/ul	99
7) Acenaphthylene	14.00	152	2127	0.212	ng/ul#	83
8) Acenaphthene	14.34	153	471	0.057	ng/ul	95
9) Fluorene	15.33	166	686	0.075	ng/ul#	94
21) Benzo(b)fluoranthene	22.78	252	41033	0.033	ng/ul	85
22) Benzo(k)fluoranthene	22.78	252	36740	0.026	ng/ul#	86

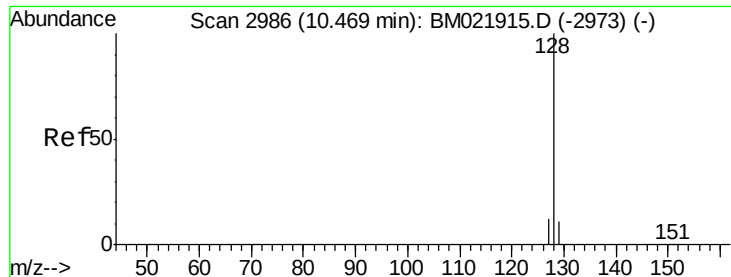
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.02 min

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BENY5

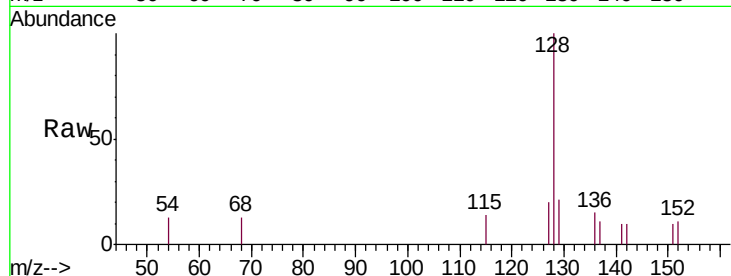
Tgt Ion:128 Resp: 785

Ion Ratio Lower Upper

128 100

129 21.0 12.3 18.5#

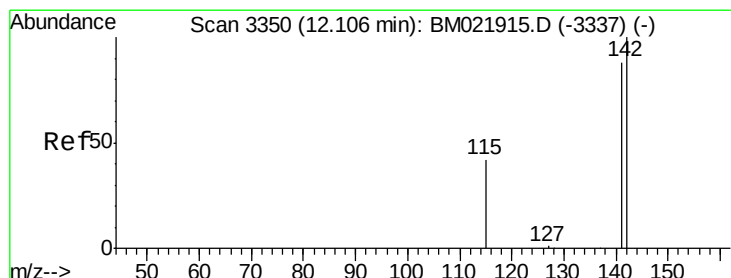
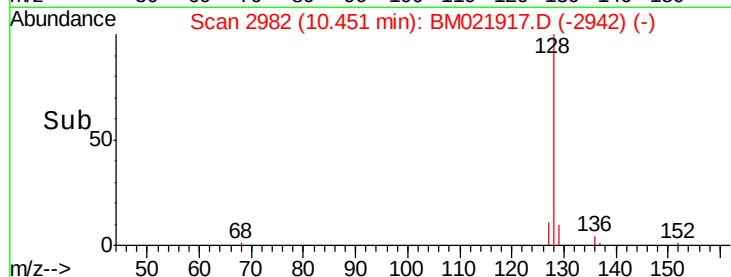
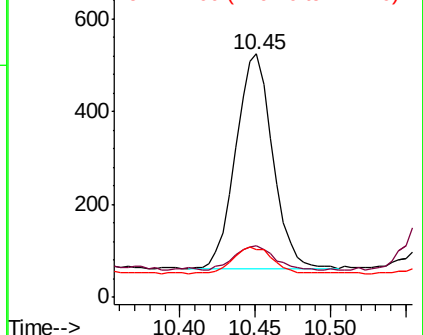
127 19.8 13.0 19.6#



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: 0.054 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BM021917.D

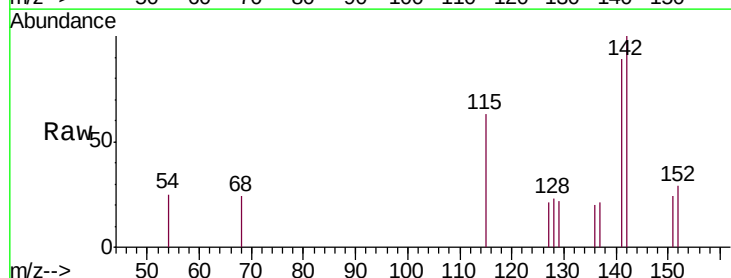
Acq: 08 Aug 2019 04:36

Tgt Ion:142 Resp: 394

Ion Ratio Lower Upper

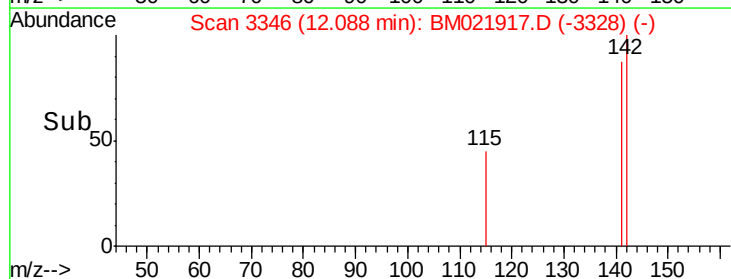
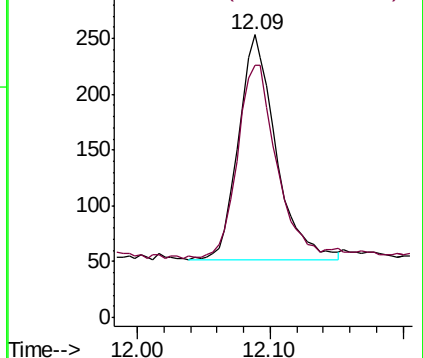
142 100

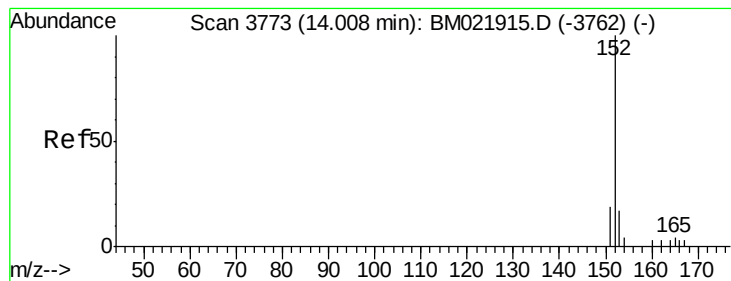
141 91.9 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.212 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

BENY5

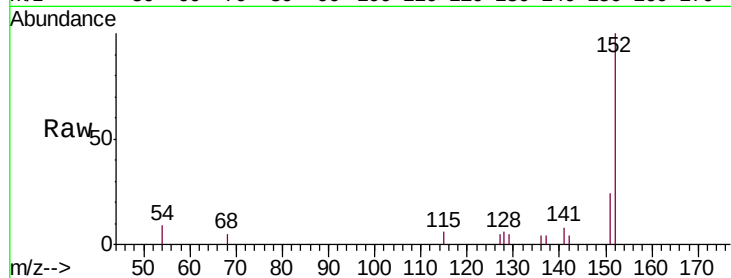
Tgt Ion:152 Resp: 2127

Ion Ratio Lower Upper

152 100

151 24.0 18.3 27.5

153 0.0 12.8 19.2#

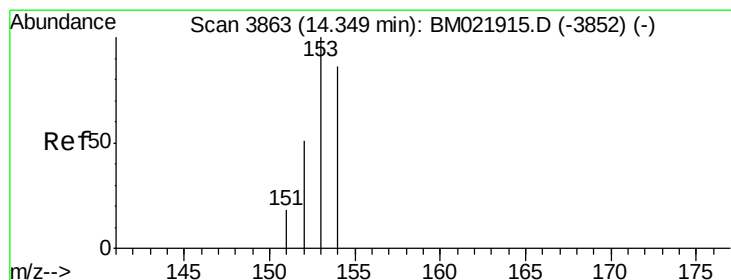
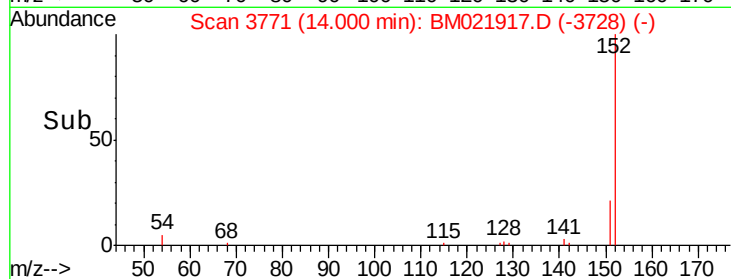
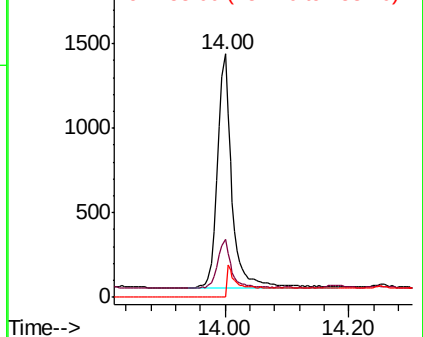


Abundance

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: 0.057 ng/ul

RT: 14.34 min Scan# 3860

Delta R.T. -0.01 min

Lab File: BM021917.D

Acq: 08 Aug 2019 04:36

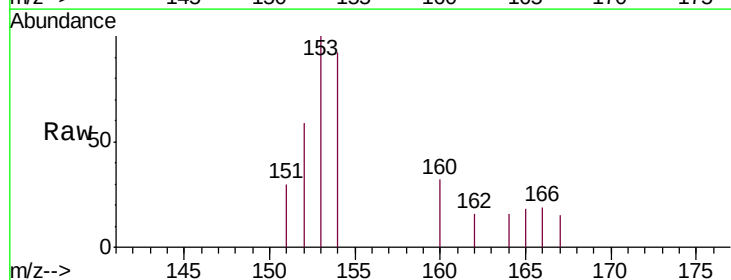
Tgt Ion:153 Resp: 471

Ion Ratio Lower Upper

153 100

152 58.6 41.3 61.9

154 92.2 72.3 108.5

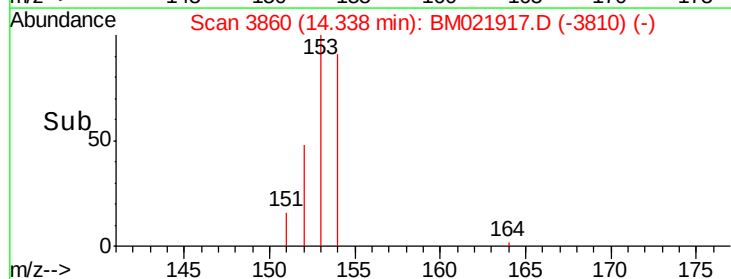
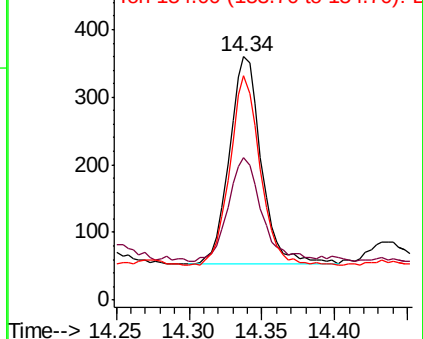


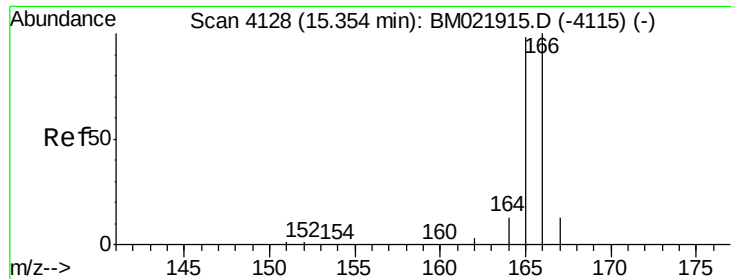
Abundance

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

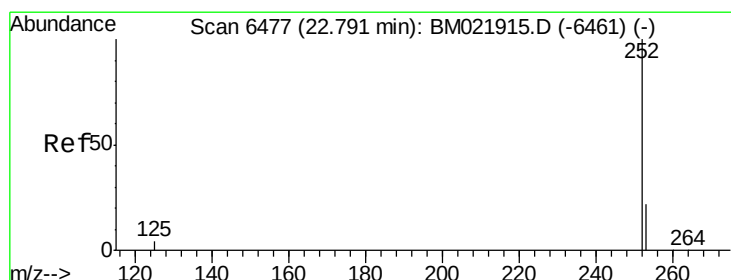
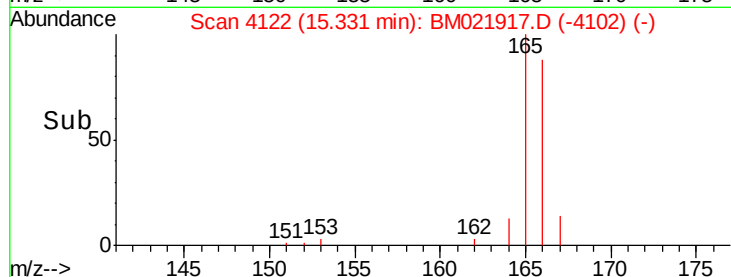
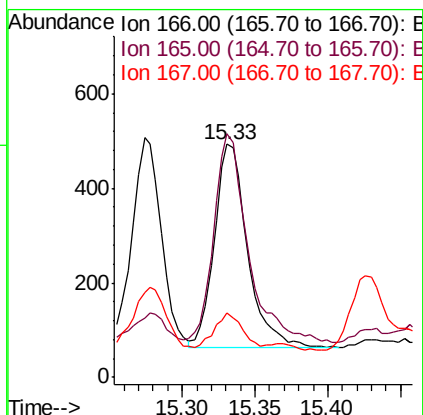
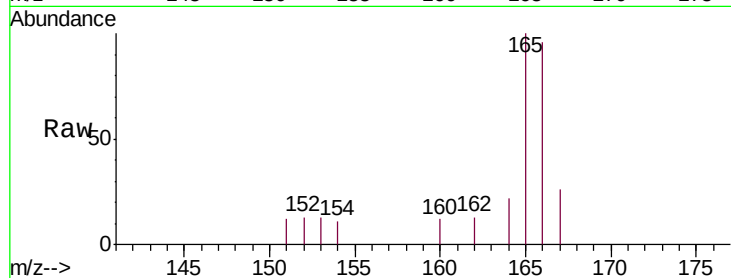




#9
Fluorene
 Concen: 0.075 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.02 min
 Lab File: BM021917.D
 Acq: 08 Aug 2019 04:36

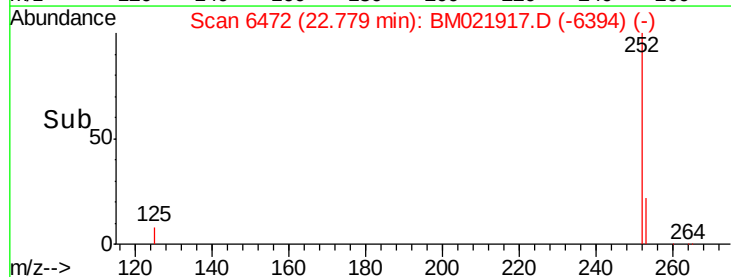
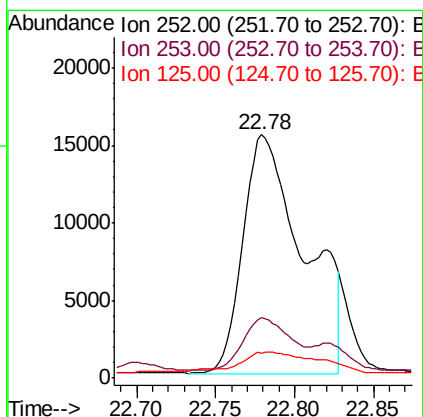
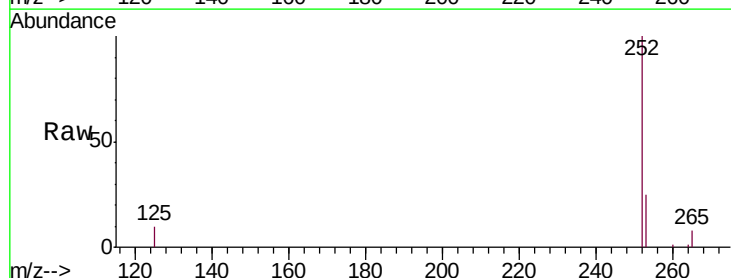
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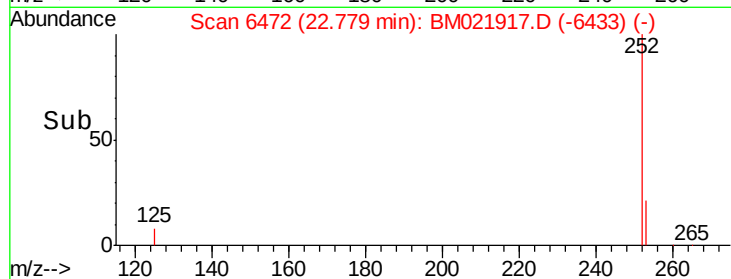
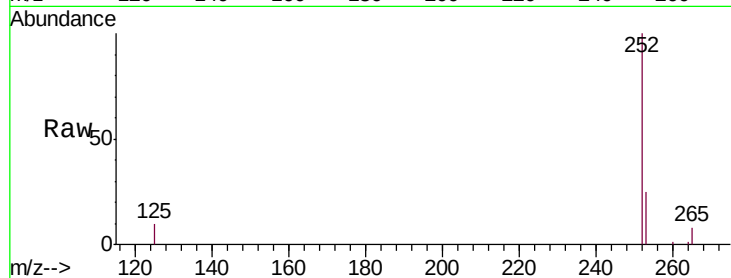
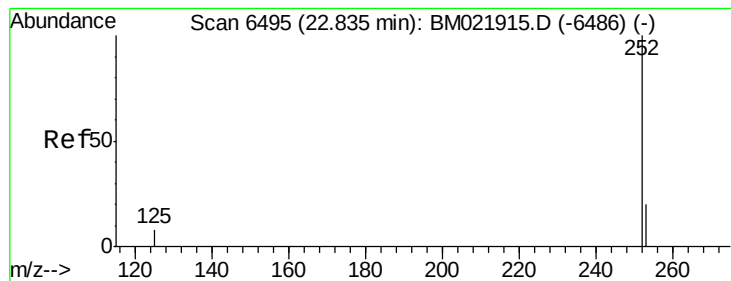
Tgt Ion:166 Resp: 686
 Ion Ratio Lower Upper
 166 100
 165 104.5 81.4 122.0
 167 27.6 13.7 20.5#



#21
Benzo(b)fluoranthene
 Concen: 0.033 ng/ul
 RT: 22.78 min Scan# 6472
 Delta R.T. -0.01 min
 Lab File: BM021917.D
 Acq: 08 Aug 2019 04:36

Tgt Ion:252 Resp: 41033
 Ion Ratio Lower Upper
 252 100
 253 24.8 0.0 67.4
 125 10.4 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.026 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.06 min

Lab File: BM021917.D

Acq: 08 Aug 2019 04:36

Instrument :

BNA_M

ClientSampleId :

BENY5

Tgt Ion: 252 Resp: 36740

Ion Ratio Lower Upper

252 100

253 24.8 27.0 40.4#

125 10.4 12.2 18.2#

