

Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Quant Time: Aug 09 00:59:59 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration

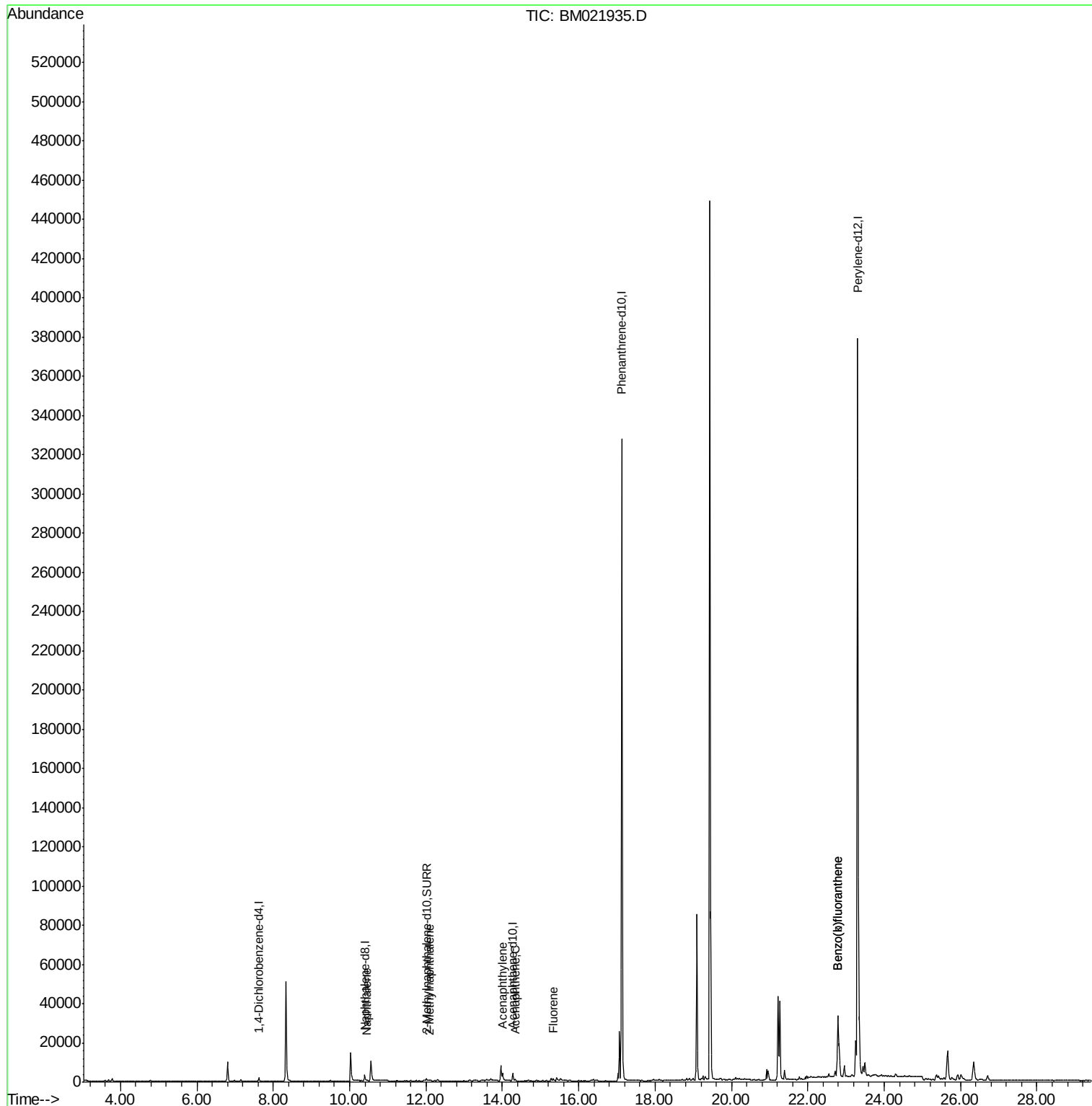
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	916	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3985	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2170	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	391211	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.30	264	466329	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1921	0.29	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	603	0.054	ng/ul#	80
5) 2-Methylnaphthalene	12.08	142	363	0.048	ng/ul	99
7) Acenaphthylene	14.00	152	4118	0.407	ng/ul#	84
8) Acenaphthene	14.33	153	609	0.074	ng/ul	96
9) Fluorene	15.33	166	1028	0.112	ng/ul#	97
21) Benzo(b)fluoranthene	22.78	252	66347	0.042	ng/ul	84
22) Benzo(k)fluoranthene	22.78	252	61755	0.035	ng/ul#	84

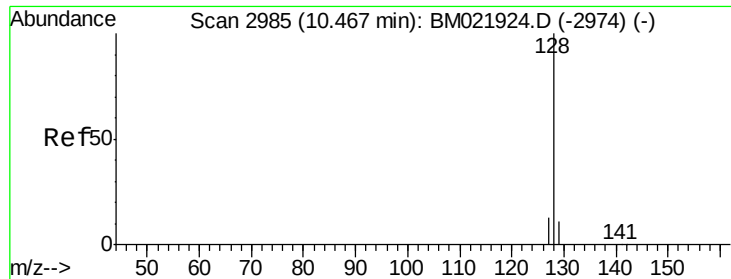
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021935.D

Acq: 08 Aug 2019 16:16

Instrument :

BNA_M

ClientSampleId :

BENW2

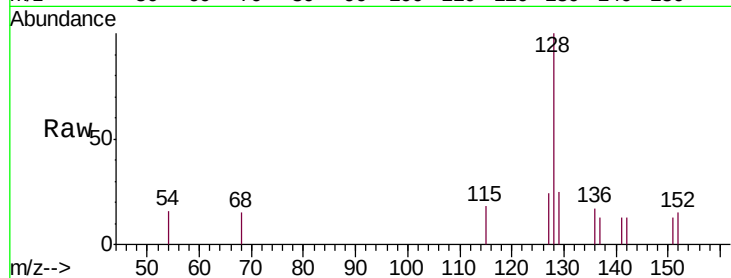
Tgt Ion:128 Resp: 603

Ion Ratio Lower Upper

128 100

129 24.8 12.3 18.5#

127 23.9 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

10.45

400

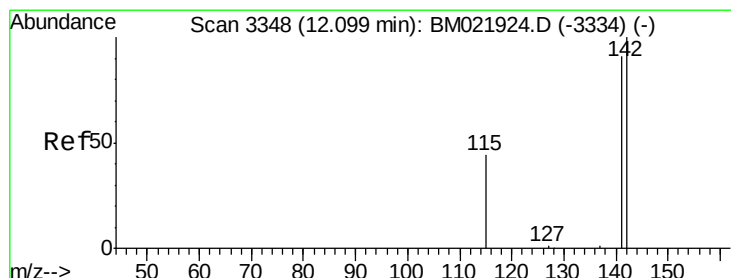
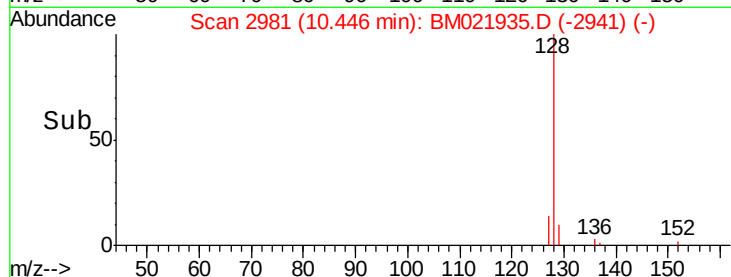
300

200

100

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.08 min Scan# 3345

Delta R.T. -0.02 min

Lab File: BM021935.D

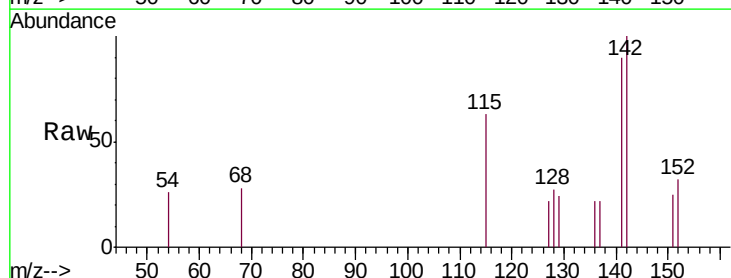
Acq: 08 Aug 2019 16:16

Tgt Ion:142 Resp: 363

Ion Ratio Lower Upper

142 100

141 92.0 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.08

250

200

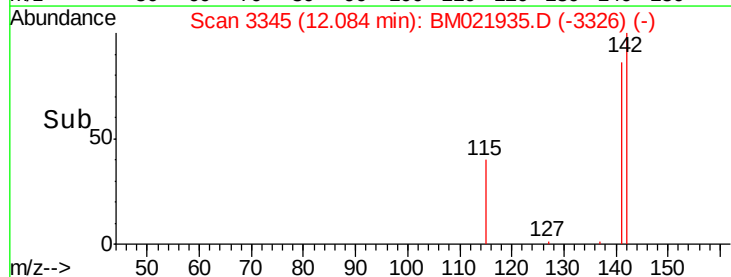
150

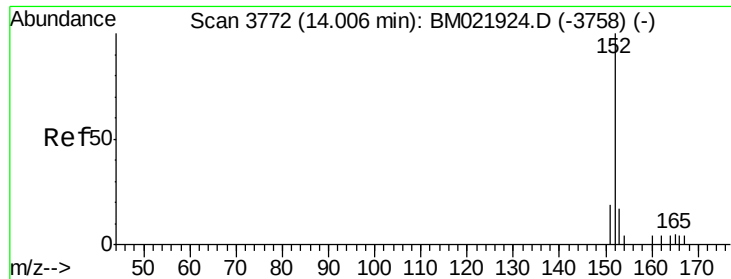
100

50

0

Time-->





#7

Acenaphthylene

Concen: 0.407 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021935.D

Acq: 08 Aug 2019 16:16

Instrument :

BNA_M

ClientSampleId :

BENW2

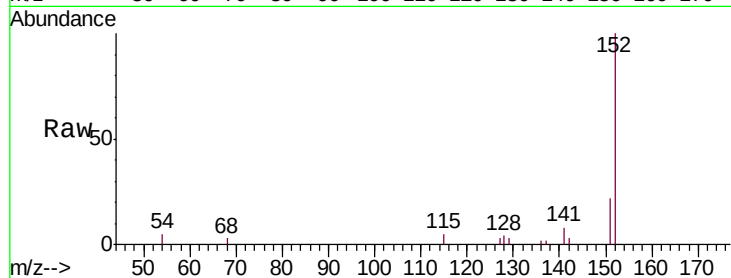
Tgt Ion:152 Resp: 4118

Ion Ratio Lower Upper

152 100

151 22.2 18.3 27.5

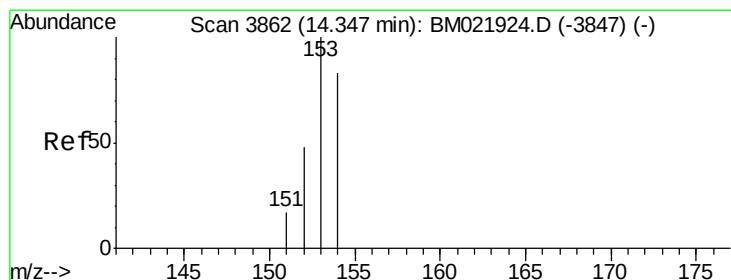
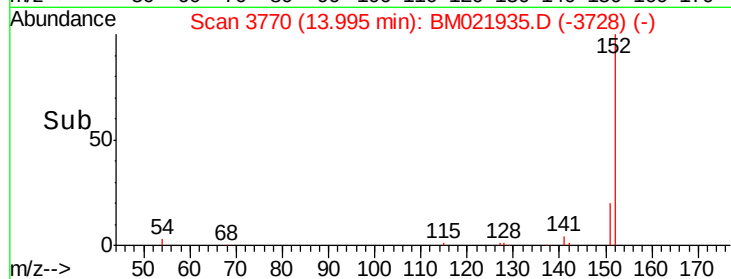
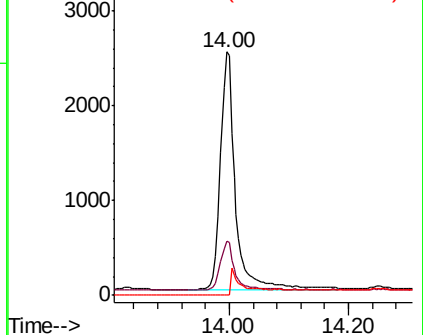
153 0.0 12.8 19.2#



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: 0.074 ng/ul

RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021935.D

Acq: 08 Aug 2019 16:16

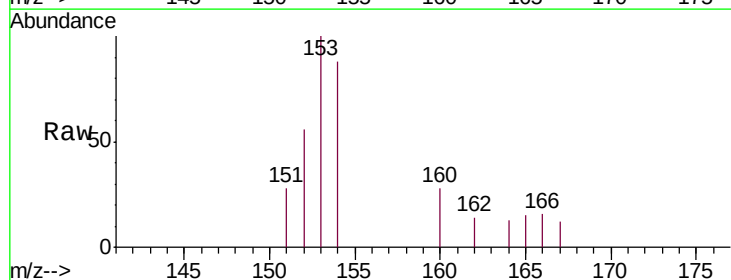
Tgt Ion:153 Resp: 609

Ion Ratio Lower Upper

153 100

152 56.4 41.3 61.9

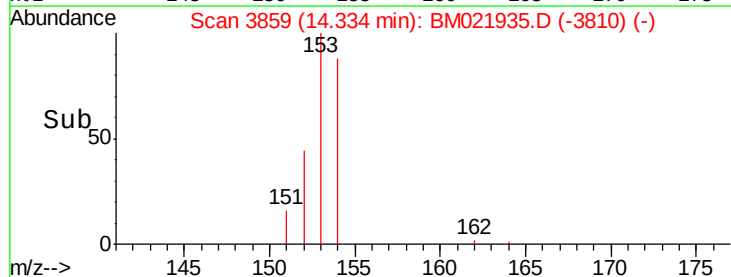
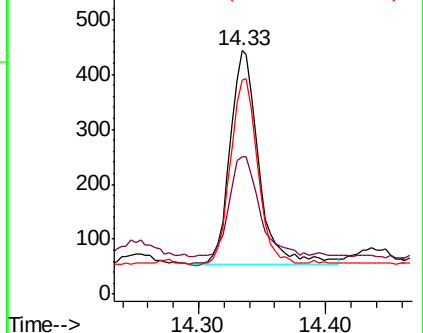
154 88.0 72.3 108.5

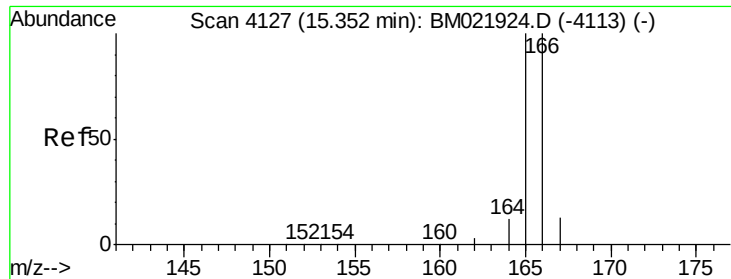


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

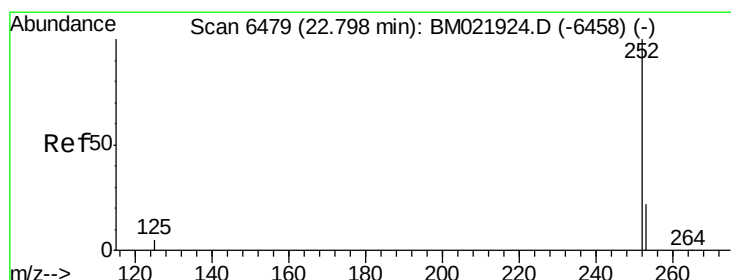
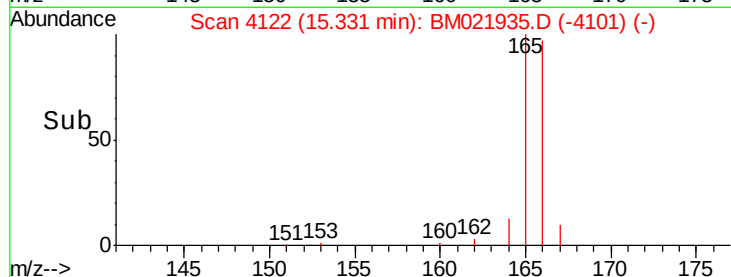
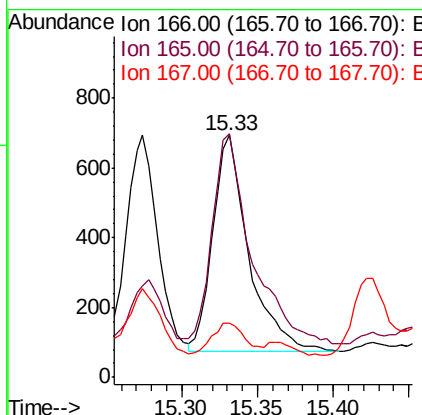
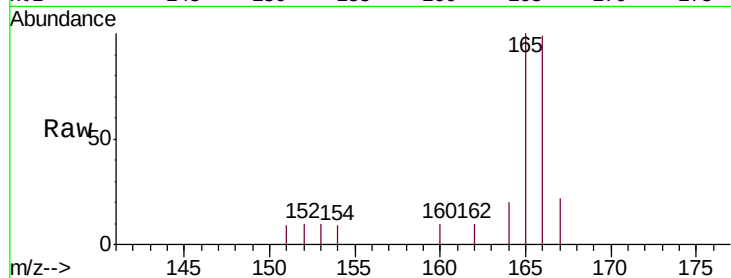




#9
Fluorene
 Concen: 0.112 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.02 min
 Lab File: BM021935.D
 Acq: 08 Aug 2019 16:16

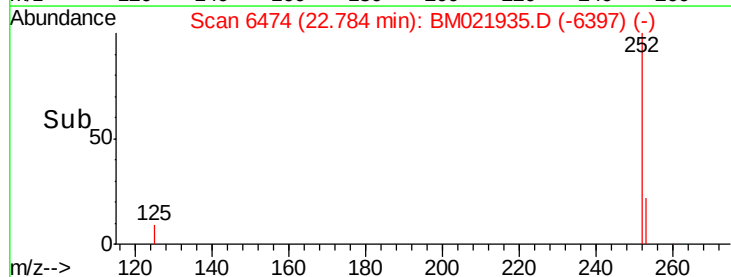
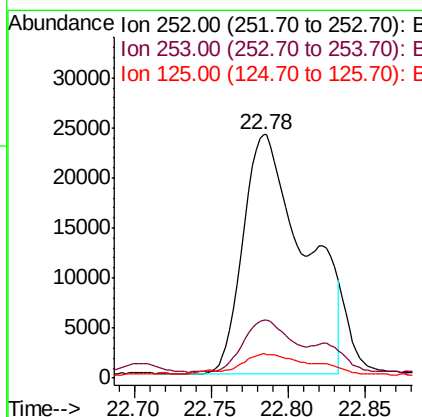
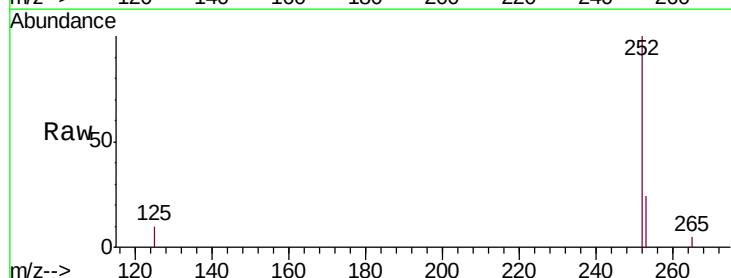
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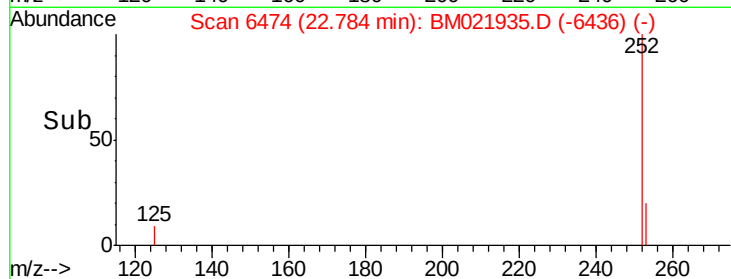
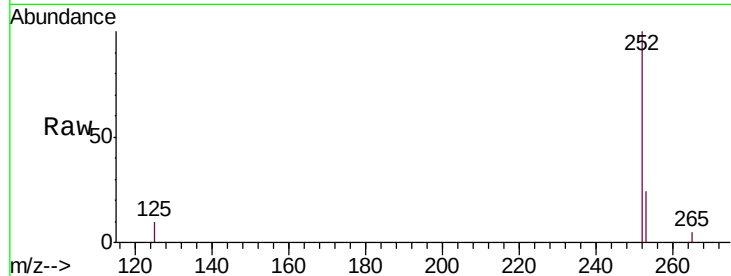
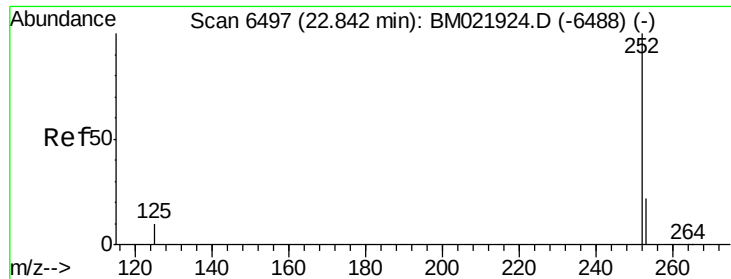
Tgt Ion:166 Resp: 1028
 Ion Ratio Lower Upper
 166 100
 165 100.6 81.4 122.0
 167 22.6 13.7 20.5#



#21
Benzo(b)fluoranthene
 Concen: 0.042 ng/ul
 RT: 22.78 min Scan# 6474
 Delta R.T. -0.01 min
 Lab File: BM021935.D
 Acq: 08 Aug 2019 16:16

Tgt Ion:252 Resp: 66347
 Ion Ratio Lower Upper
 252 100
 253 24.1 0.0 67.4
 125 10.0 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.035 ng/ul

RT: 22.78 min Scan# 6474

Delta R.T. -0.06 min

Lab File: BM021935.D

Acq: 08 Aug 2019 16:16

Instrument :

BNA_M

ClientSampleId :

BENW2

Tgt Ion: 252 Resp: 61755

Ion Ratio Lower Upper

252 100

253 24.1 27.0 40.4#

125 10.0 12.2 18.2#

