

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 05:57:02 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 01:29:50 2019
 Response via : Initial Calibration

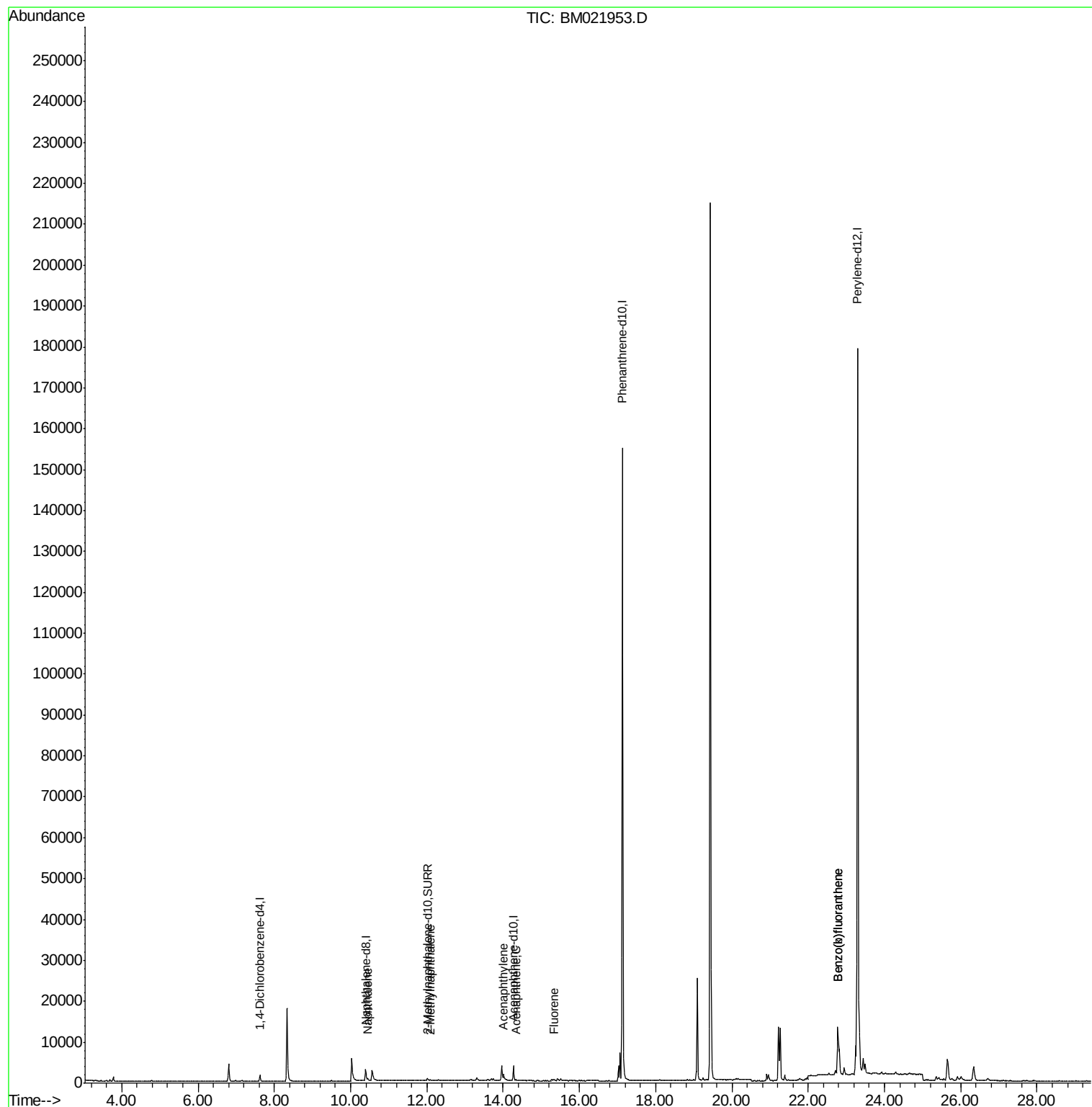
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	907	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3809	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1993	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	183591	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.30	264	222650	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	891	0.14	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	339	0.032	ng/ul#	62
5) 2-Methylnaphthalene	12.09	142	172	0.024	ng/ul	97
7) Acenaphthylene	14.00	152	1043	0.112	ng/ul#	66
8) Acenaphthene	14.33	153	239	0.031	ng/ul#	92
9) Fluorene	15.33	166	327	0.039	ng/ul#	93
21) Benzo(b)fluoranthene	22.78	252	24176	0.032	ng/ul	88
22) Benzo(k)fluoranthene	22.78	252	22664	0.027	ng/ul#	88

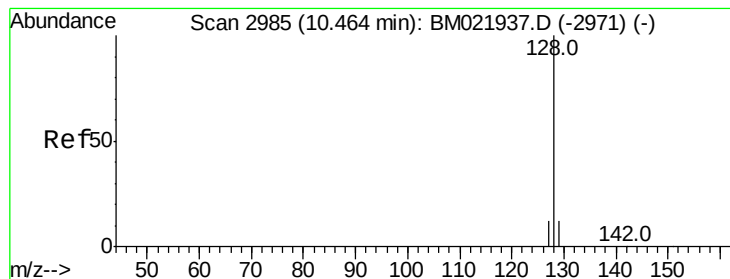
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 09 05:57:02 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 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021953.D

Acq: 09 Aug 2019 04:27

Instrument :

BNA_M

ClientSampleId :

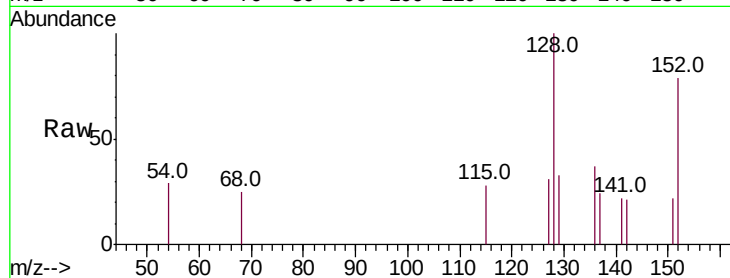
Tot Ion:128 Resp: 339

Ion Ratio Lower Upper

128 100

129 33.1 12.3 18.5#

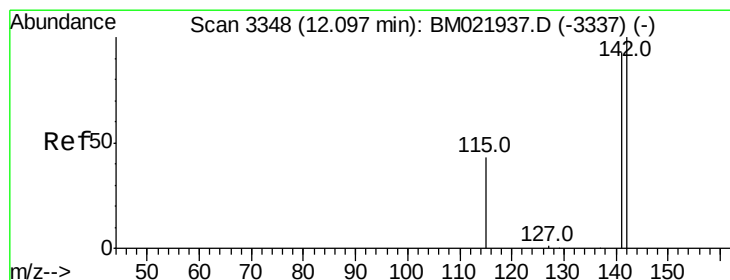
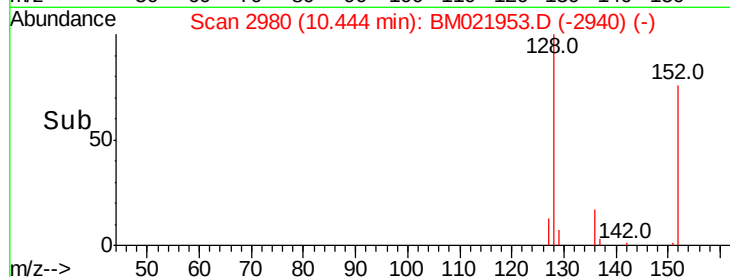
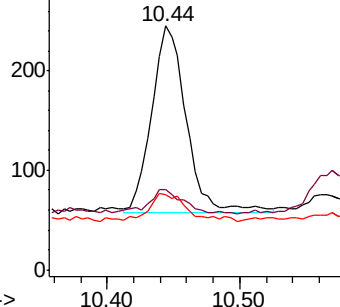
127 30.6 13.0 19.6#



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: 0.024 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM021953.D

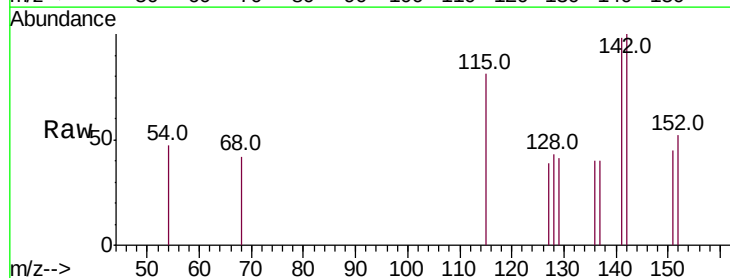
Acq: 09 Aug 2019 04:27

Tgt Ion:142 Resp: 172

Ion Ratio Lower Upper

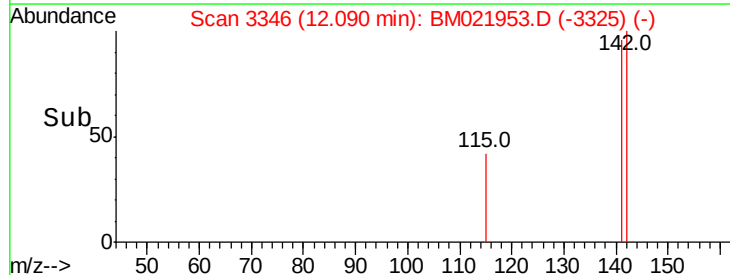
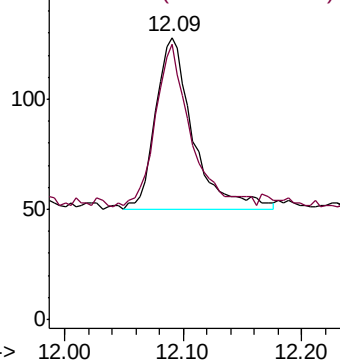
142 100

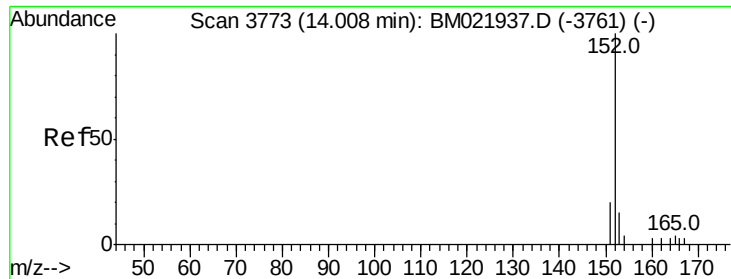
141 90.1 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.112 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021953.D

Acq: 09 Aug 2019 04:27

Instrument :

BNA_M

ClientSampleId :

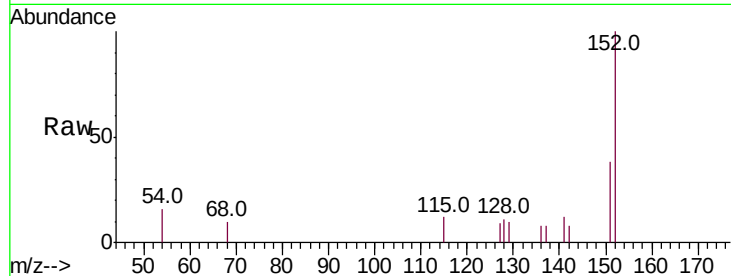
Tot Ion:152 Resp: 1043

Ion Ratio Lower Upper

152 100

151 38.4 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

14.00

600

400

200

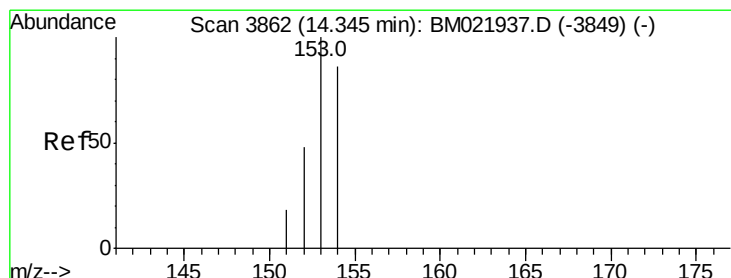
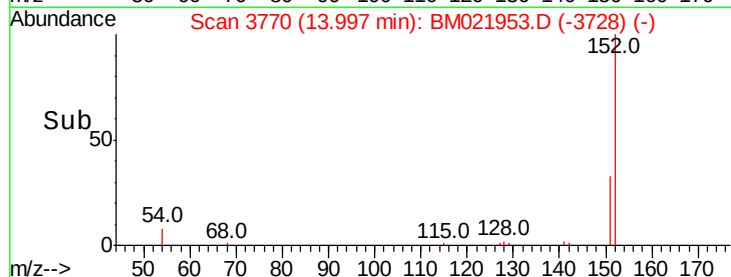
0

13.90

14.00

14.10

Time-->



#8

Acenaphthene

Concen: 0.031 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM021953.D

Acq: 09 Aug 2019 04:27

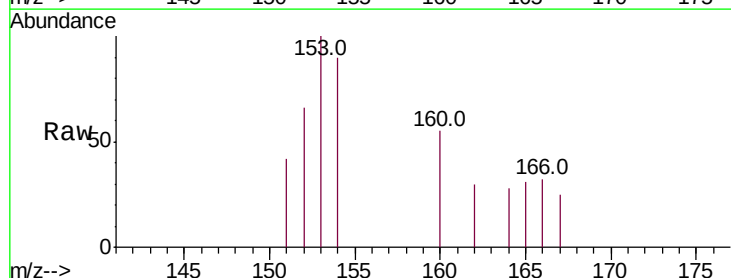
Tgt Ion:153 Resp: 239

Ion Ratio Lower Upper

153 100

152 66.5 41.3 61.9#

154 89.8 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

14.33

250

200

150

100

50

0

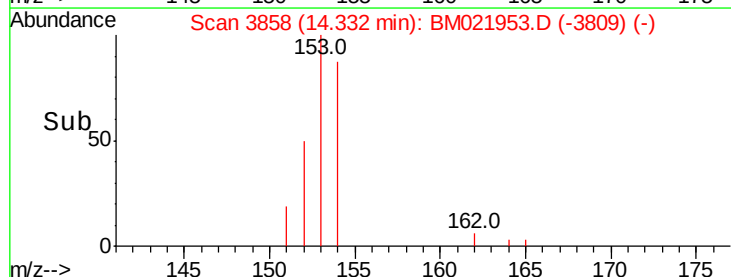
14.25

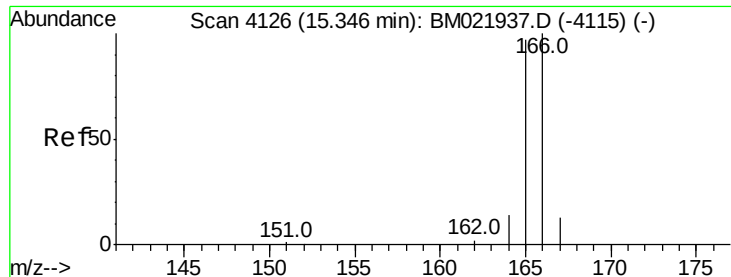
14.30

14.35

14.40

Time-->

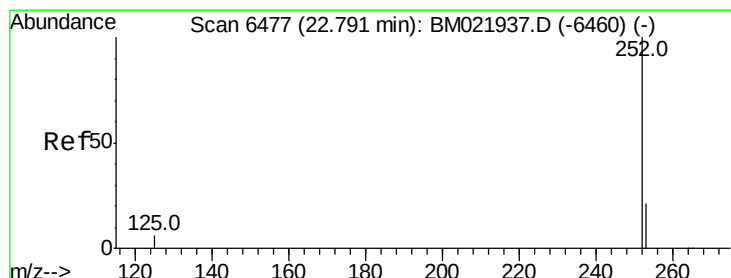
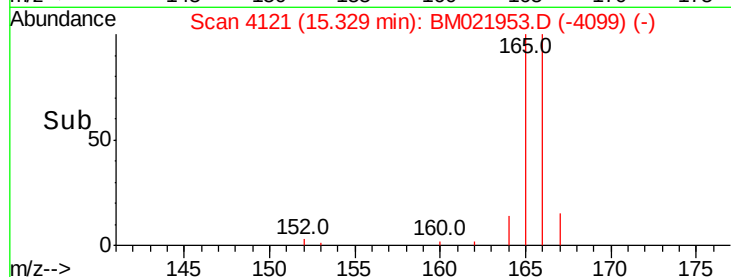
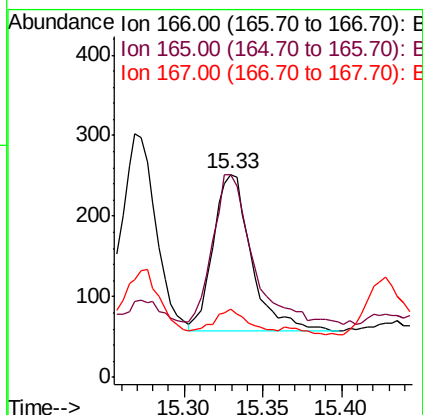
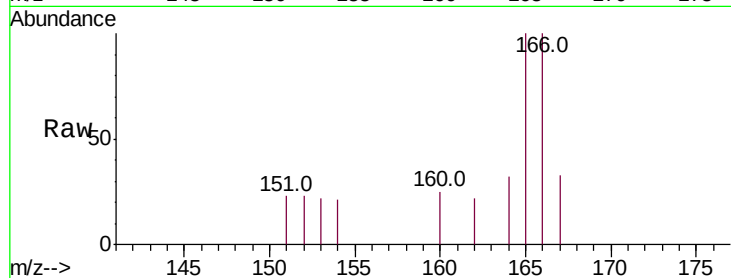




#9
Fluorene
 Concen: 0.039 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM021953.D
 Acq: 09 Aug 2019 04:27

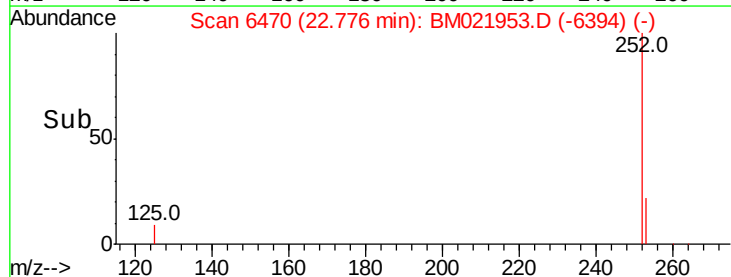
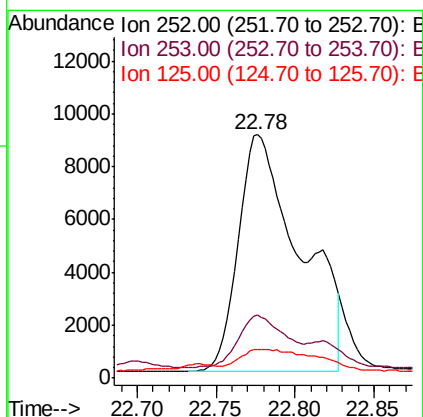
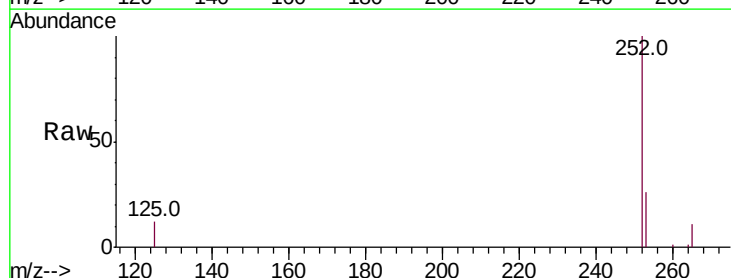
Instrument :
 BNA_M
 ClientSampleId :

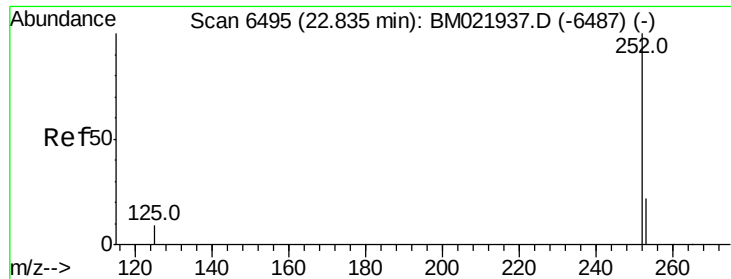
Tot Ion:166 Resp: 327
 Ion Ratio Lower Upper
 166 100
 165 99.6 81.4 122.0
 167 33.3 13.7 20.5#



#21
Benzo(b)fluoranthene
 Concen: 0.032 ng/ul
 RT: 22.78 min Scan# 6470
 Delta R.T. -0.01 min
 Lab File: BM021953.D
 Acq: 09 Aug 2019 04:27

Tgt Ion:252 Resp: 24176
 Ion Ratio Lower Upper
 252 100
 253 25.8 0.0 67.4
 125 11.9 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.027 ng/ul

RT: 22.78 min Scan# 6470

Delta R.T. -0.06 min

Lab File: BM021953.D

Acq: 09 Aug 2019 04:27

Instrument :

BNA_M

ClientSampleId :

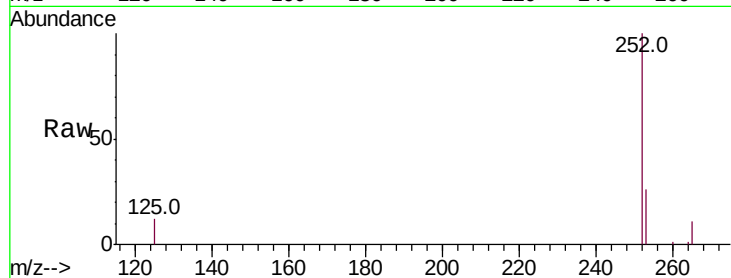
Tot Ion:252 Resp: 22664

Ion Ratio Lower Upper

252 100

253 25.8 27.0 40.4#

125 11.9 12.2 18.2#



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

