

Data File : BM021873.D
Acq On : 07 Aug 2019 00:09
Operator : HP/JU
Sample : K3893-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP02

Quant Time: Aug 07 04:06:13 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	866	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3590	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2064	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	22546	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.31	264	282481	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1155	0.20	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	344	0.034	ng/ul#	67
5) 2-Methylnaphthalene	12.10	142	221	0.033	ng/ul	95
7) Acenaphthylene	14.00	152	1259	0.131	ng/ul#	81
8) Acenaphthene	14.34	153	363	0.046	ng/ul	95
9) Fluorene	15.34	166	537	0.061	ng/ul#	96
21) Benzo(b)fluoranthene	22.79	252	33819	0.036	ng/ul	89
22) Benzo(k)fluoranthene	22.79	252	32456	0.030	ng/ul#	89

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

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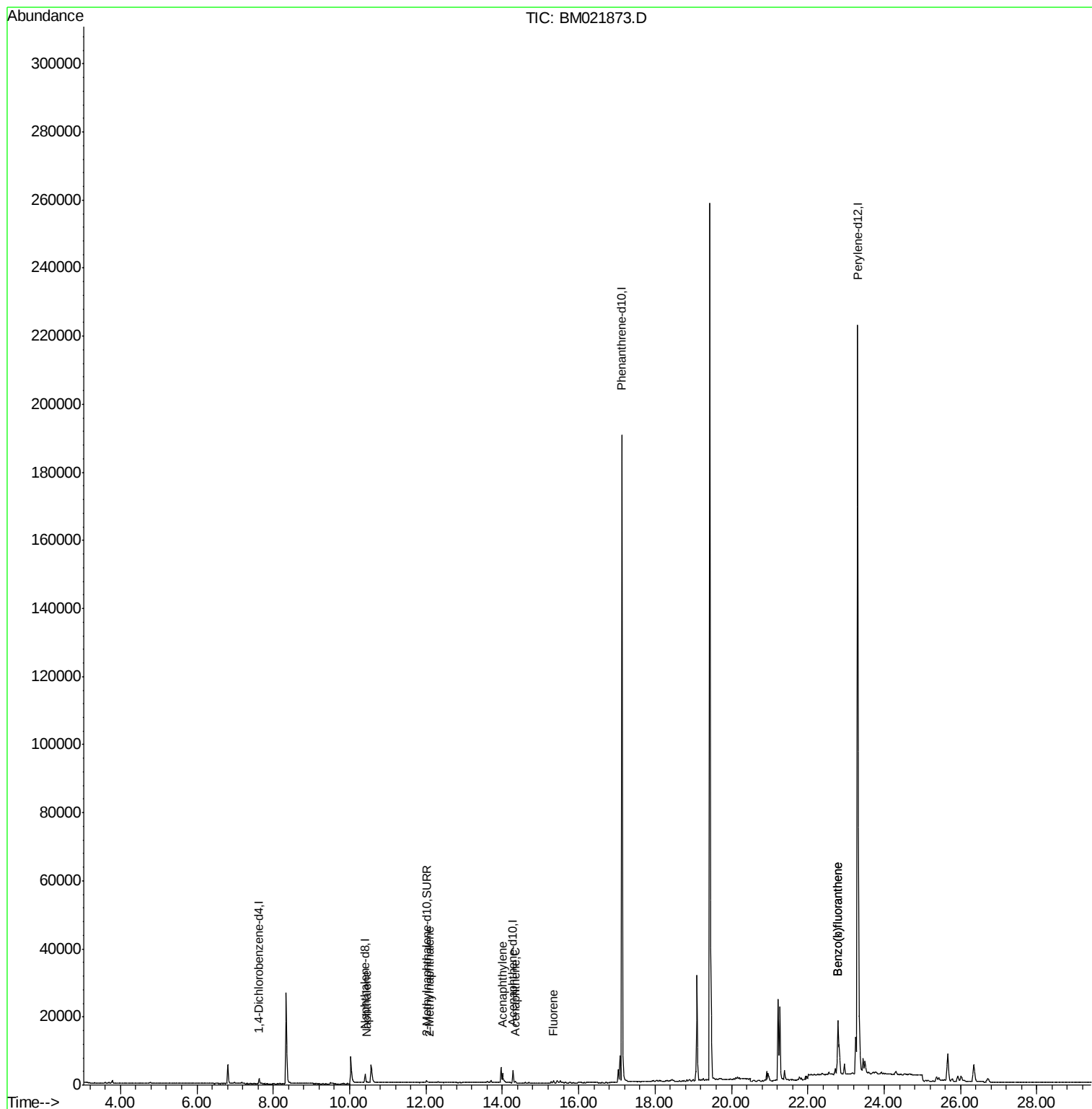
Quant Time: Aug 07 04:06:13 2019

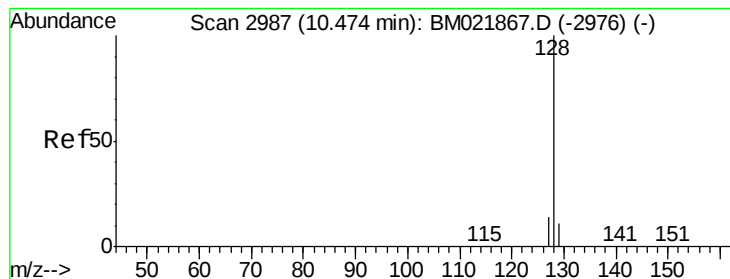
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.02 min

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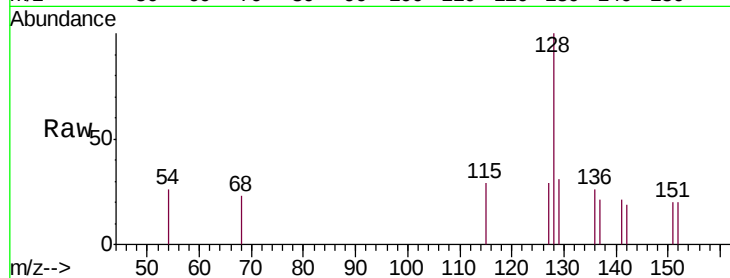
Tgt Ion:128 Resp: 344

Ion Ratio Lower Upper

128 100

129 30.8 12.3 18.5#

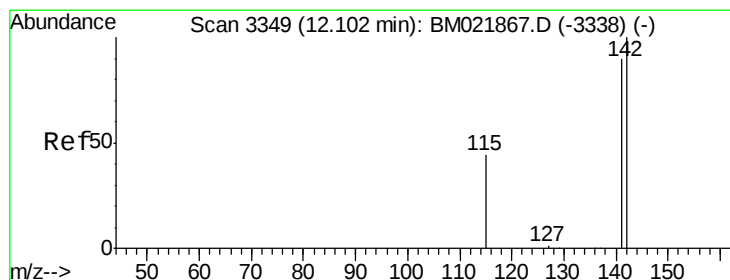
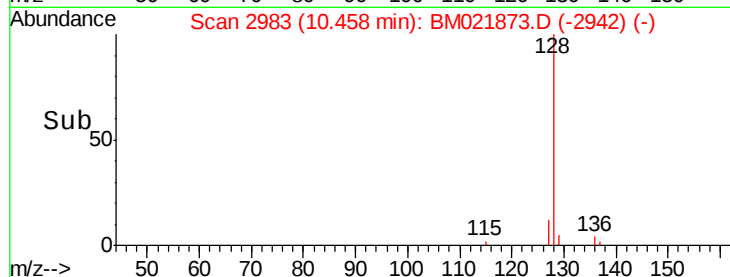
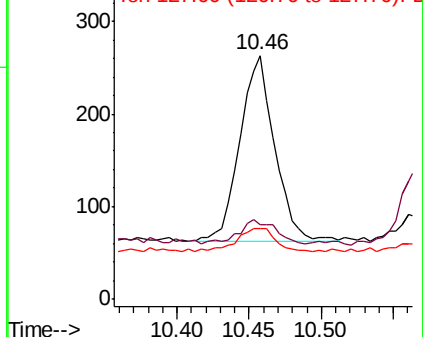
127 28.9 13.0 19.6#



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



#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM021873.D

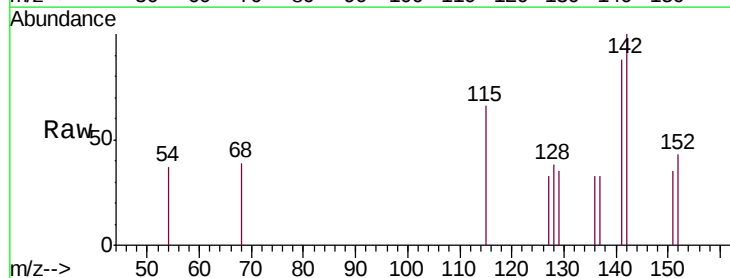
Acq: 07 Aug 2019 00:09

Tgt Ion:142 Resp: 221

Ion Ratio Lower Upper

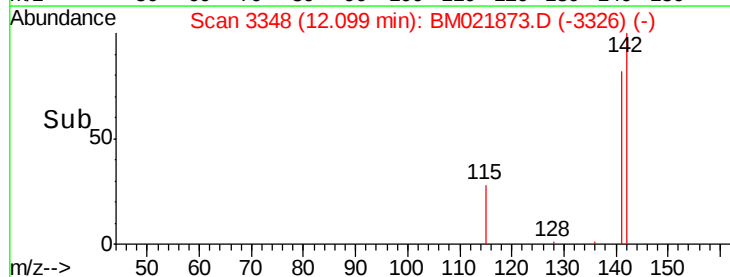
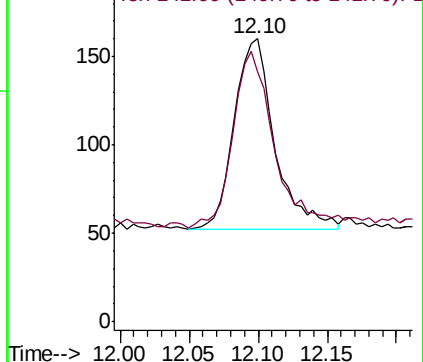
142 100

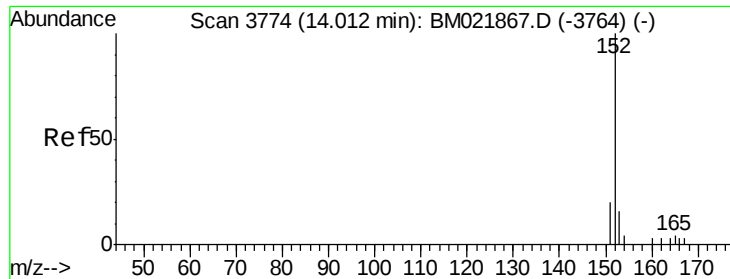
141 97.3 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.131 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

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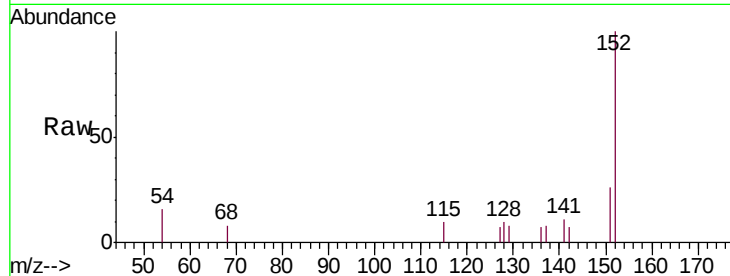
Tgt Ion:152 Resp: 1259

Ion Ratio Lower Upper

152 100

151 25.5 18.3 27.5

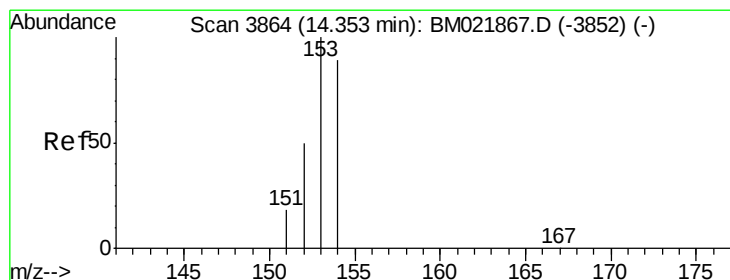
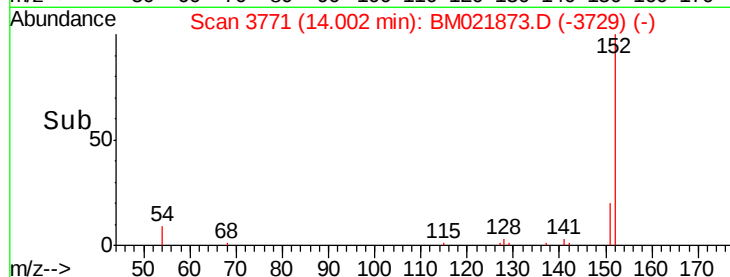
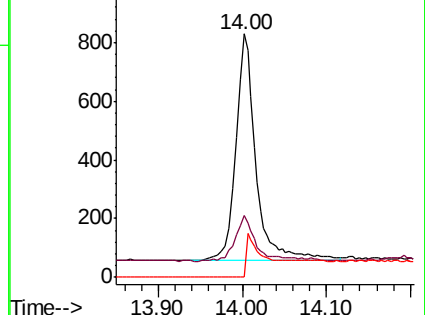
153 0.0 12.8 19.2#



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: 0.046 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM021873.D

Acq: 07 Aug 2019 00:09

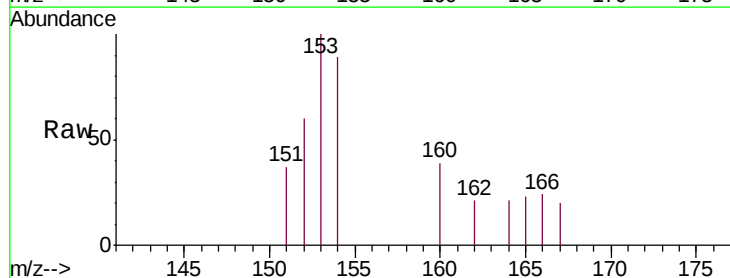
Tgt Ion:153 Resp: 363

Ion Ratio Lower Upper

153 100

152 60.3 41.3 61.9

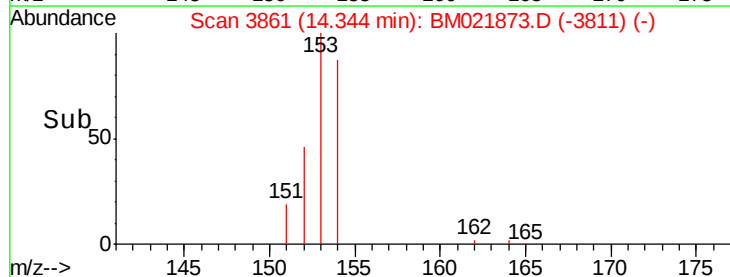
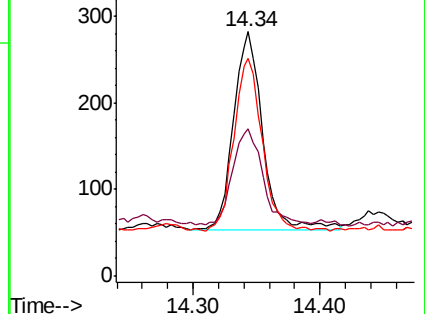
154 89.0 72.3 108.5

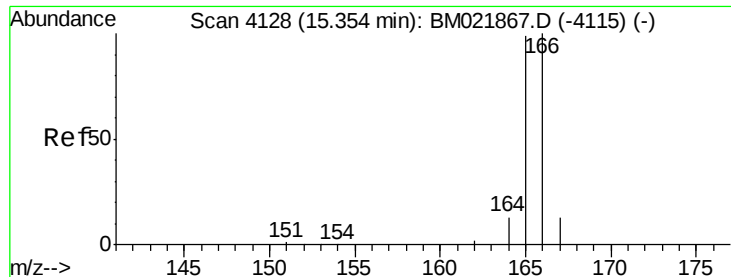


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.061 ng/ul

RT: 15.34 min Scan# 4123

Delta R.T. -0.02 min

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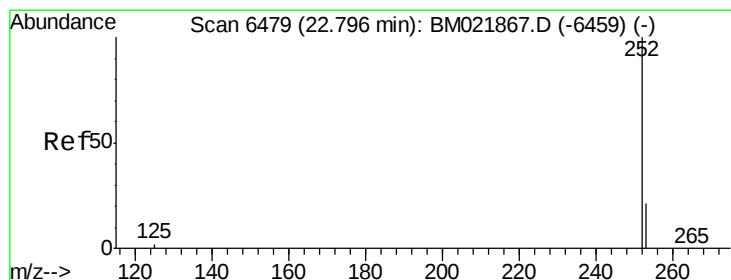
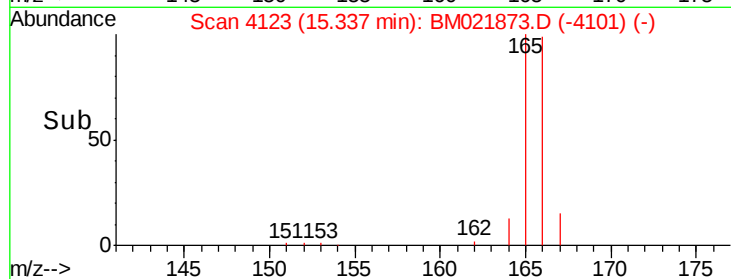
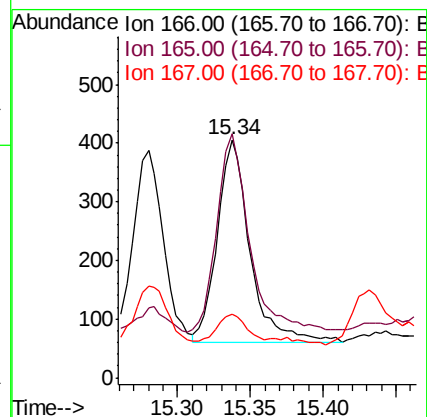
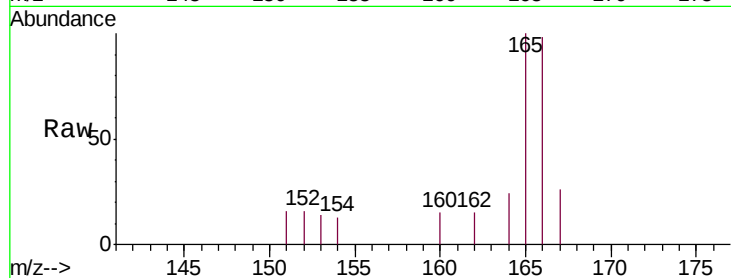
Tgt Ion:166 Resp: 537

Ion Ratio Lower Upper

166 100

165 102.5 81.4 122.0

167 26.6 13.7 20.5#



#21

Benzo(b)fluoranthene

Concen: 0.036 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.01 min

Lab File: BM021873.D

Acq: 07 Aug 2019 00:09

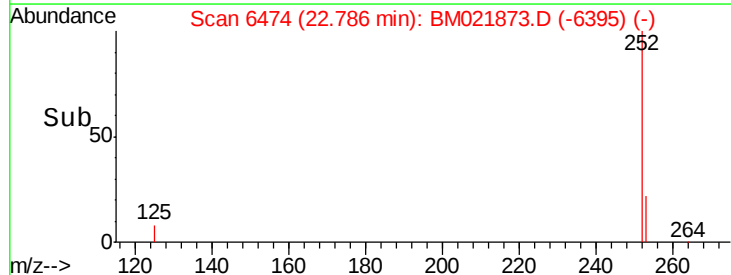
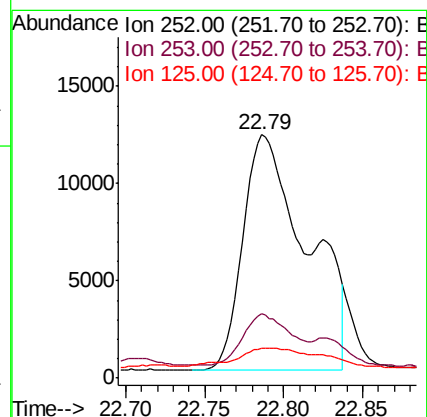
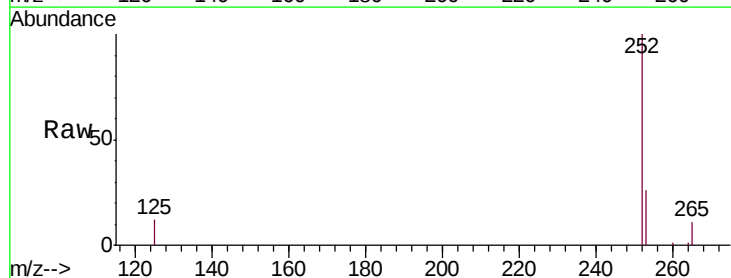
Tgt Ion:252 Resp: 33819

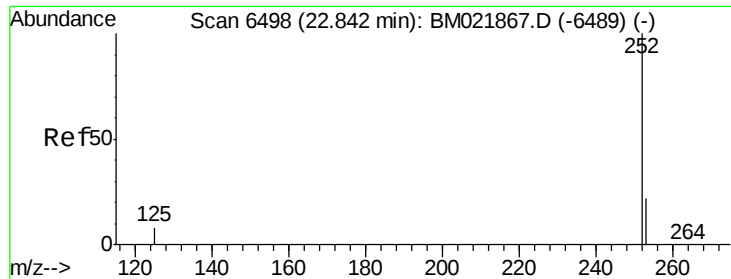
Ion Ratio Lower Upper

252 100

253 26.3 0.0 67.4

125 12.3 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.030 ng/u1

RT: 22.79 min Scan# 6474

Delta R.T. -0.06 min

Lab File: BM021873.D

Acq: 07 Aug 2019 00:09

Instrument :

BNA_M

ClientSampleId :

BEP02

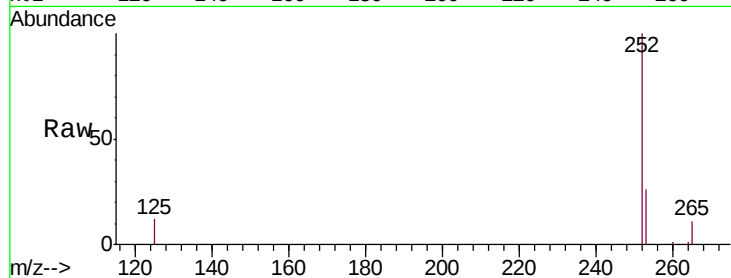
Tgt Ion: 252 Resp: 32456

Ion Ratio Lower Upper

252 100

253 26.3 27.0 40.4#

125 12.3 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

