

Data File : BM021940.D
Acq On : 08 Aug 2019 19:20
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT8

Quant Time: Aug 09 01:32:50 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

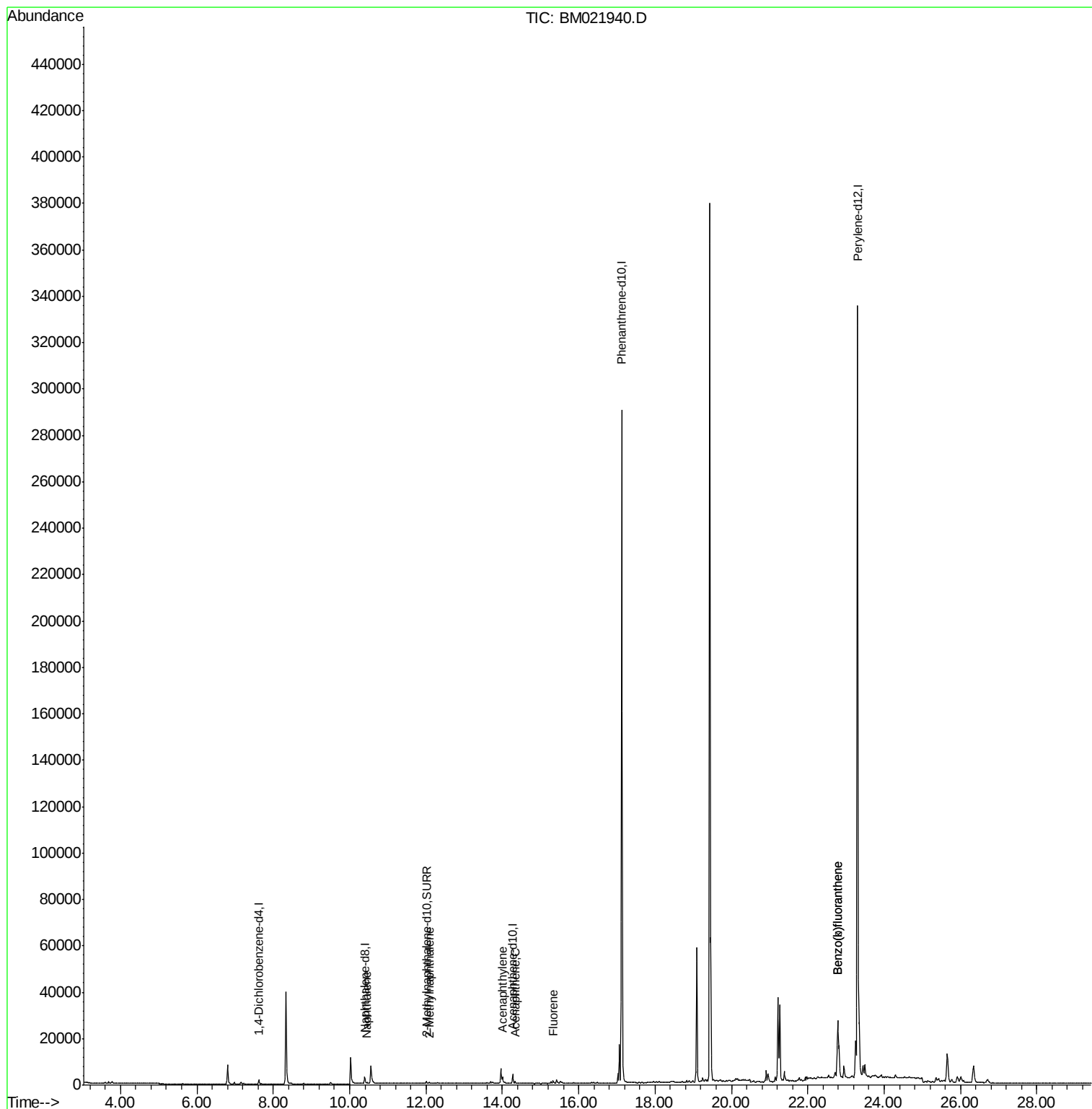
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4003	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2207	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	329565	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.30	264	411451	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1604	0.24	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	662	0.059	ng/ul#	84
5) 2-Methylnaphthalene	12.09	142	323	0.043	ng/ul	94
7) Acenaphthylene	14.00	152	2724	0.265	ng/ul#	84
8) Acenaphthene	14.34	153	599	0.071	ng/ul	96
9) Fluorene	15.33	166	865	0.092	ng/ul#	97
21) Benzo(b)fluoranthene	22.78	252	53259	0.038	ng/ul	86
22) Benzo(k)fluoranthene	22.78	252	49836	0.032	ng/ul#	86

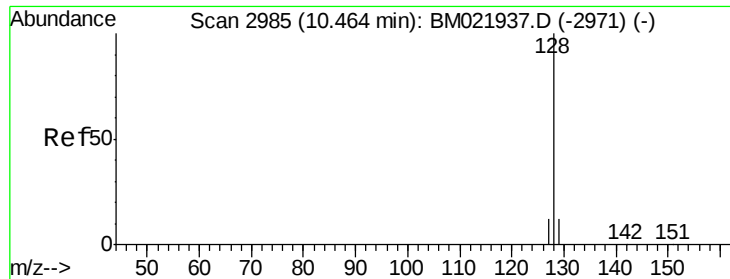
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

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ClientSampleId :

BENT8

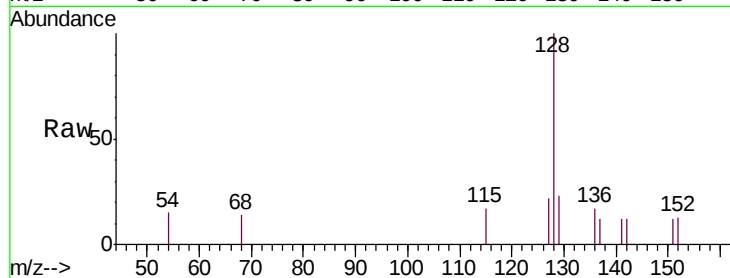
Tgt Ion:128 Resp: 662

Ion Ratio Lower Upper

128 100

129 23.0 12.3 18.5#

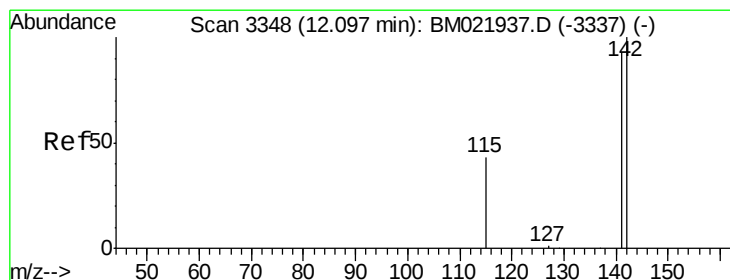
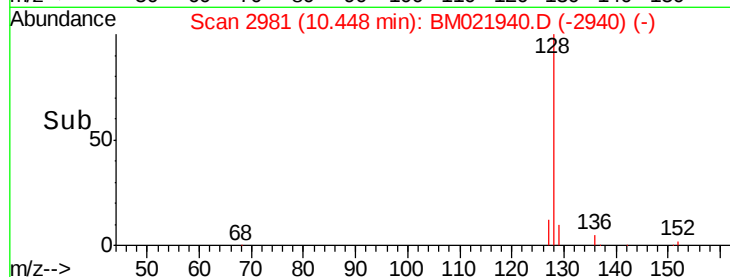
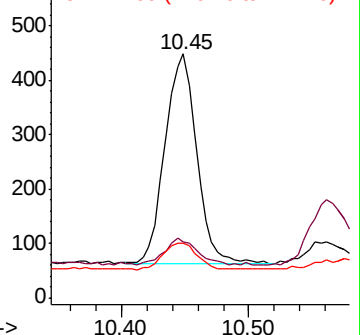
127 22.1 13.0 19.6#



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: 0.043 ng/ul

RT: 12.09 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BM021940.D

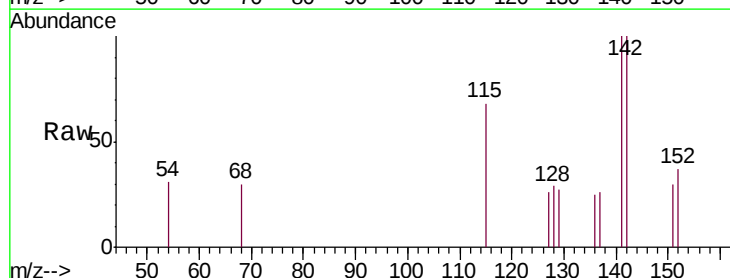
Acq: 08 Aug 2019 19:20

Tgt Ion:142 Resp: 323

Ion Ratio Lower Upper

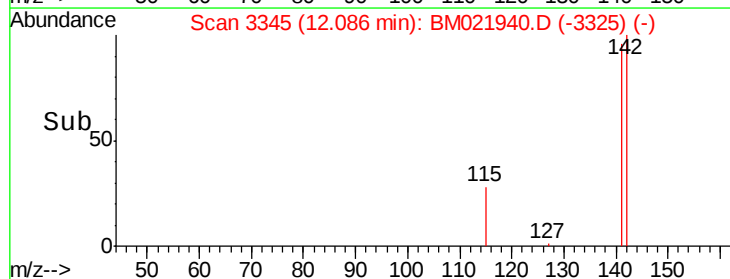
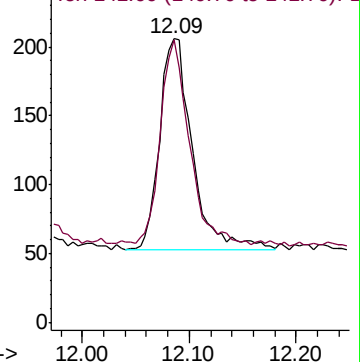
142 100

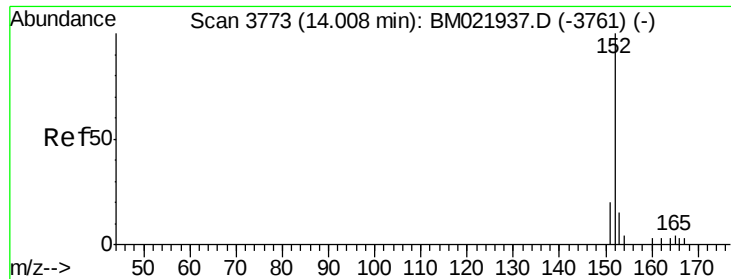
141 87.6 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.265 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Instrument :

BNA_M

ClientSampleId :

BENT8

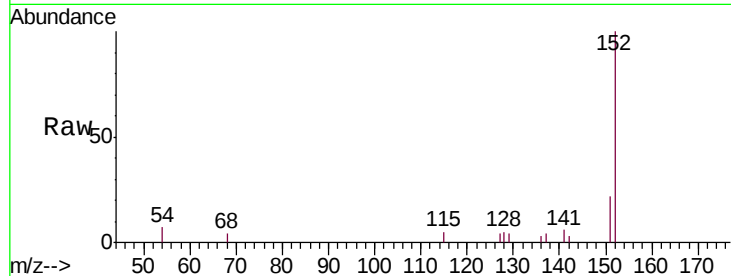
Tgt Ion:152 Resp: 2724

Ion Ratio Lower Upper

152 100

151 22.3 18.3 27.5

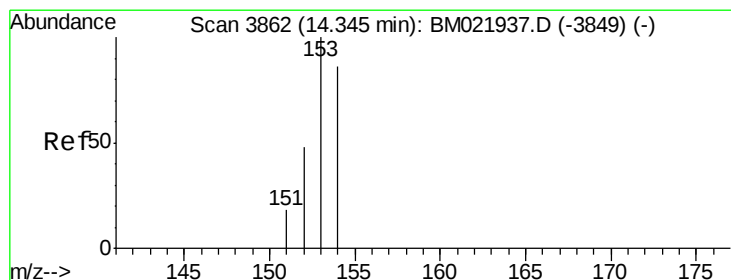
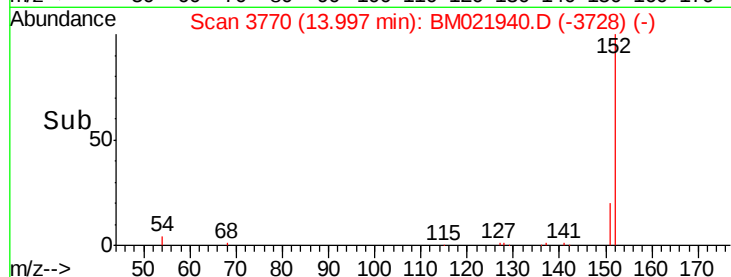
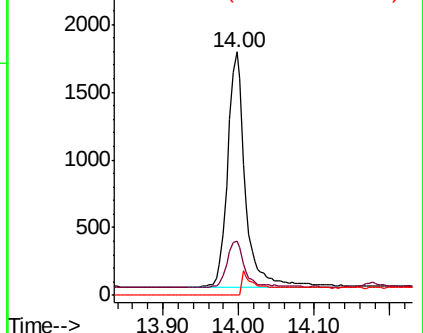
153 0.0 12.8 19.2#



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: 0.071 ng/ul

RT: 14.34 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

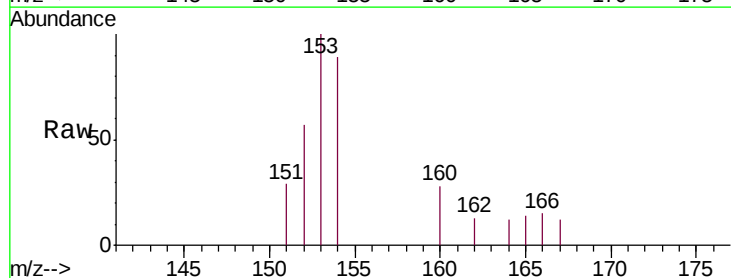
Tgt Ion:153 Resp: 599

Ion Ratio Lower Upper

153 100

152 57.3 41.3 61.9

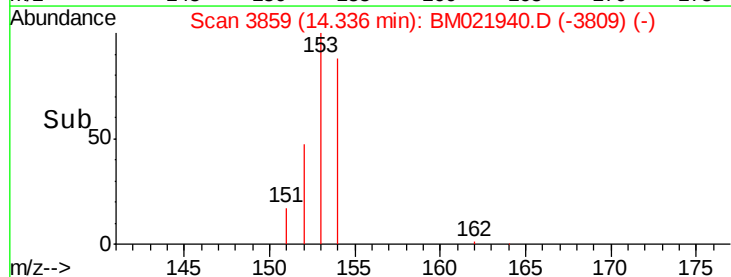
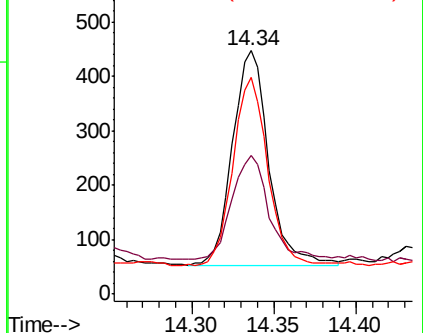
154 89.3 72.3 108.5

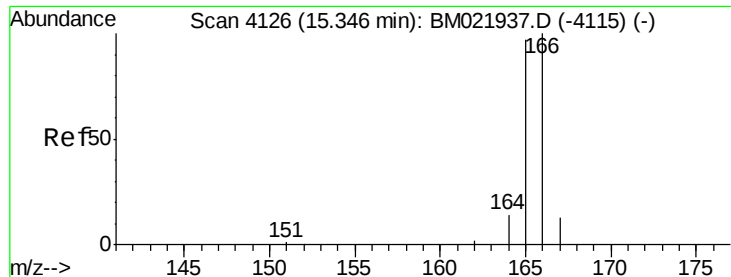


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





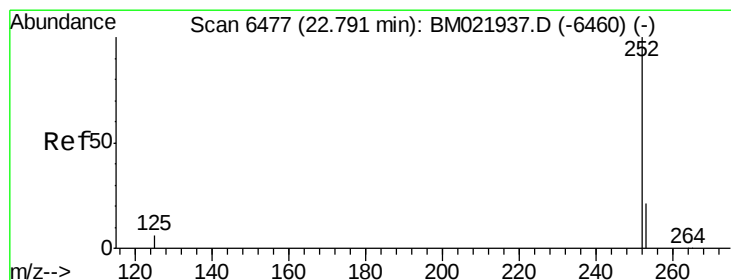
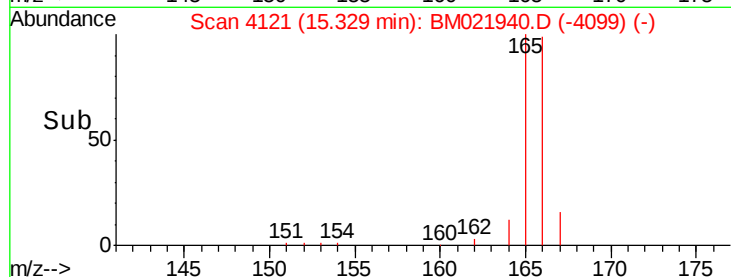
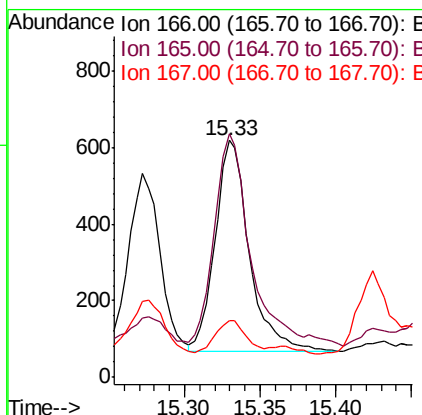
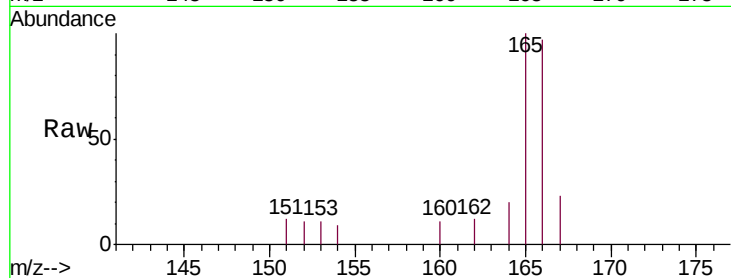
#9

Fluorene

Concen: 0.092 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Instrument :
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Tgt Ion:166 Resp: 865
 Ion Ratio Lower Upper
 166 100
 165 102.7 81.4 122.0
 167 24.1 13.7 20.5#

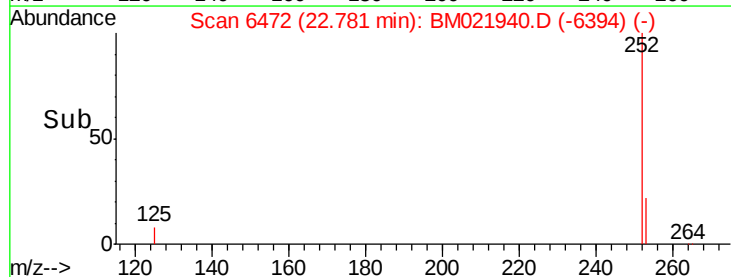
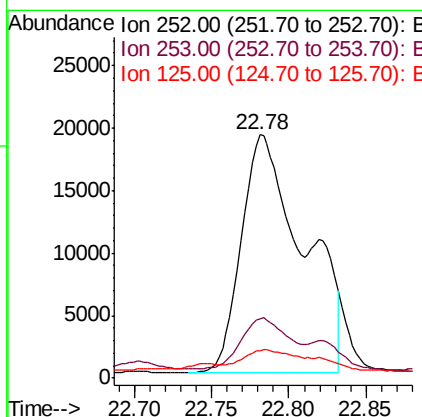
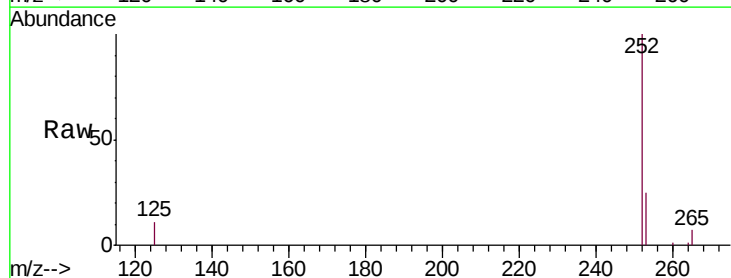


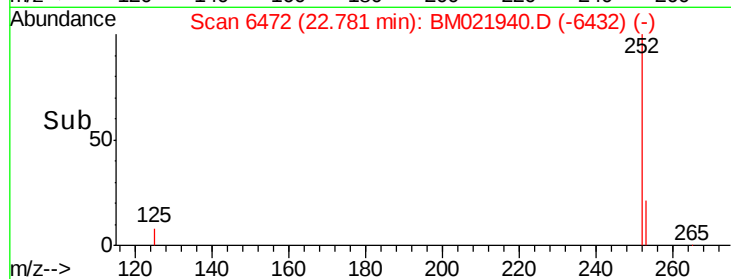
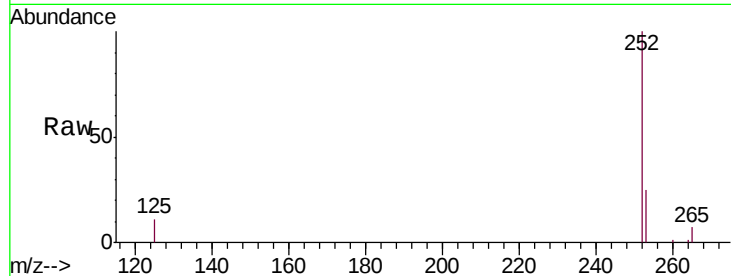
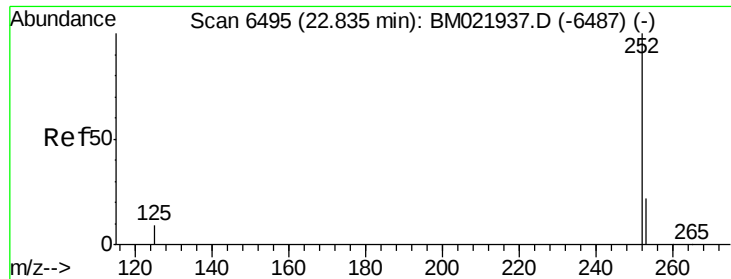
#21

Benzo(b)fluoranthene

Concen: 0.038 ng/ul
 RT: 22.78 min Scan# 6472
 Delta R.T. -0.01 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Tgt Ion:252 Resp: 53259
 Ion Ratio Lower Upper
 252 100
 253 24.6 0.0 67.4
 125 11.3 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.032 ng/u1

RT: 22.78 min Scan# 6472

Delta R.T. -0.05 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Instrument :

BNA_M

ClientSampleId :

BENT8

Tgt Ion: 252 Resp: 49836

Ion Ratio Lower Upper

252 100

253 24.6 27.0 40.4#

125 11.3 12.2 18.2#

