

Data File : BM021868.D
Acq On : 06 Aug 2019 21:07
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F0

Quant Time: Aug 07 04:05:32 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	1063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4290	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	179409	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	259715	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1034	0.15	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

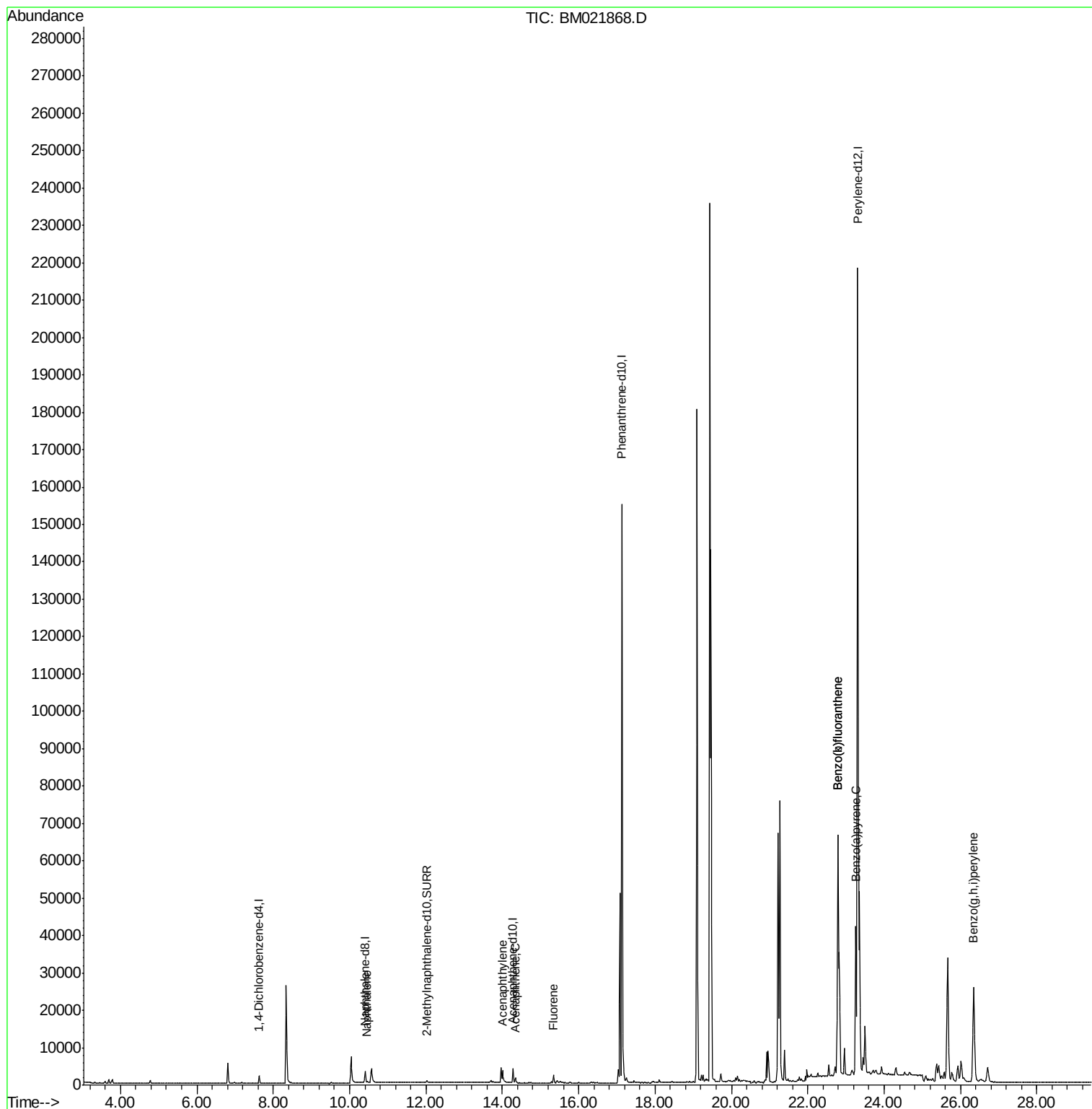
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	283	0.023	ng/ul#	55
7) Acenaphthylene	14.00	152	1568	0.165	ng/ul#	82
8) Acenaphthene	14.34	153	868	0.112	ng/ul	98
9) Fluorene	15.34	166	1351	0.156	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	135099	0.154	ng/ul	82
22) Benzo(k)fluoranthene	22.79	252	129159	0.130	ng/ul#	82
23) Benzo(a)pyrene	23.26	252	54553	0.061	ng/ul#	77
26) Benzo(g,h,i)perylene	26.34	276	50588	0.053	ng/ul	96

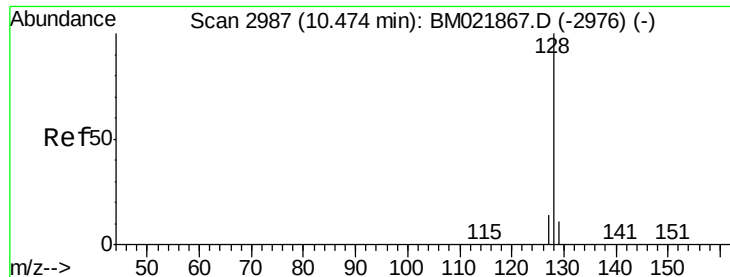
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.02 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

Instrument :

BNA_M

ClientSampleId :

A52F0

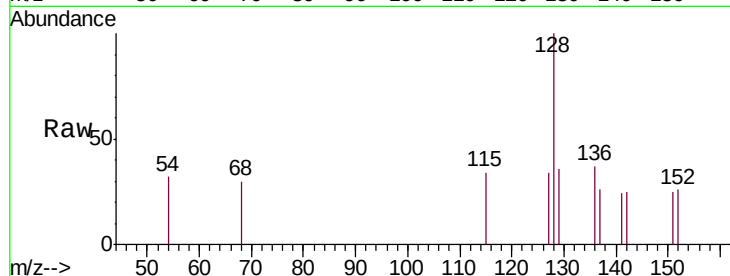
Tgt Ion:128 Resp: 283

Ion Ratio Lower Upper

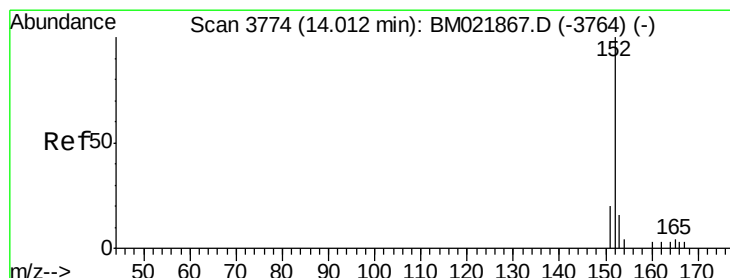
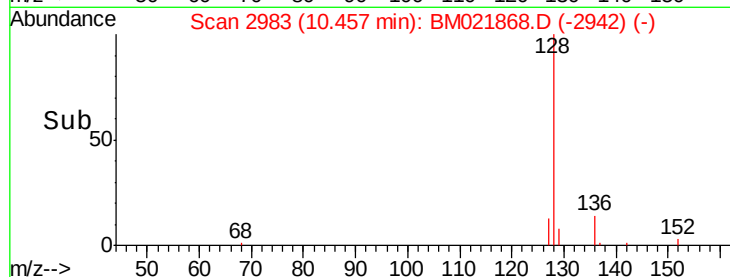
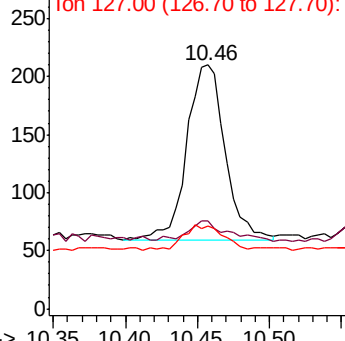
128 100

129 36.2 12.3 18.5#

127 33.8 13.0 19.6#



Abundance Ion 128.00 (127.70 to 128.70): E



#7

Acenaphthylene

Concen: 0.165 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

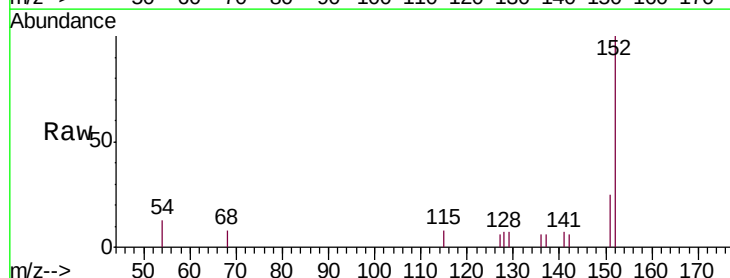
Tgt Ion:152 Resp: 1568

Ion Ratio Lower Upper

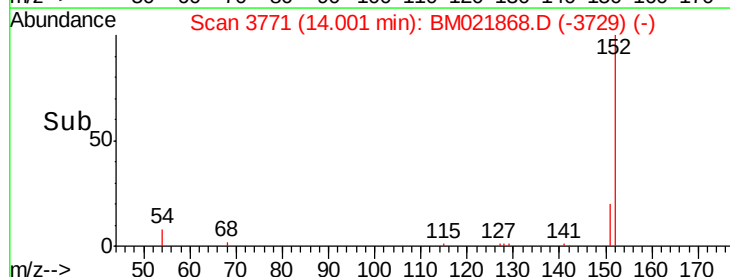
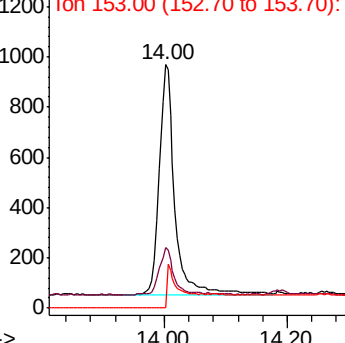
152 100

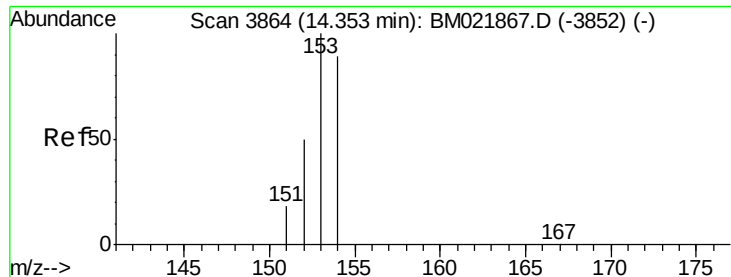
151 24.7 18.3 27.5

153 0.0 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E





#8

Acenaphthene

Concen: 0.112 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

Instrument :

BNA_M

ClientSampleId :

A52F0

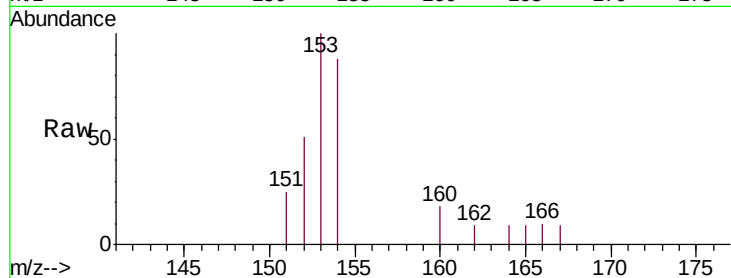
Tgt Ion:153 Resp: 868

Ion Ratio Lower Upper

153 100

152 51.4 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

14.34

600

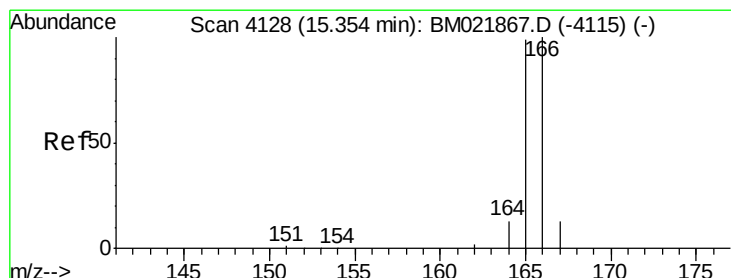
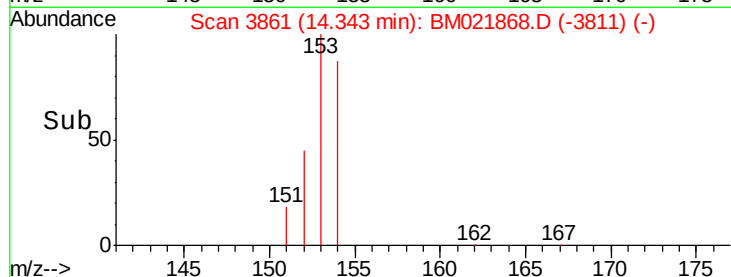
400

200

0

14.30 14.35 14.40

Time-->



#9

Fluorene

Concen: 0.156 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.01 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

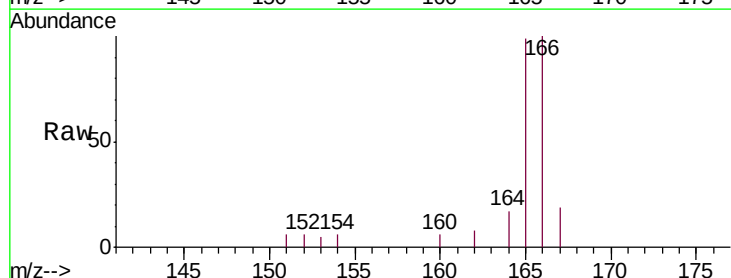
Tgt Ion:166 Resp: 1351

Ion Ratio Lower Upper

166 100

165 99.0 81.4 122.0

167 19.3 13.7 20.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.34

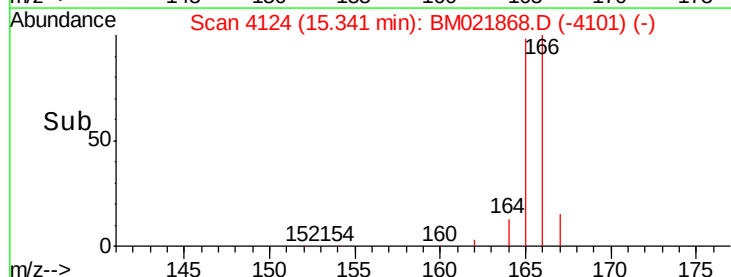
1000

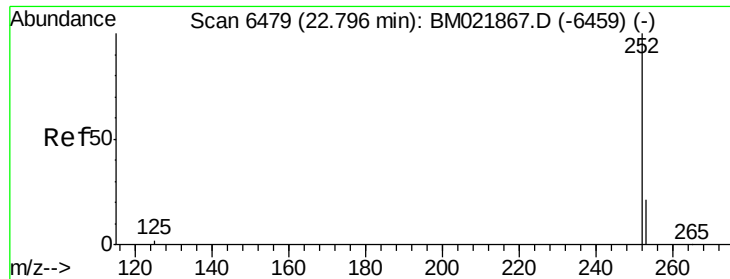
500

0

15.30 15.35 15.40

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.154 ng/ul

RT: 22.79 min Scan# 6475

Delta R.T. -0.01 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

Instrument :

BNA_M

ClientSampleId :

A52F0

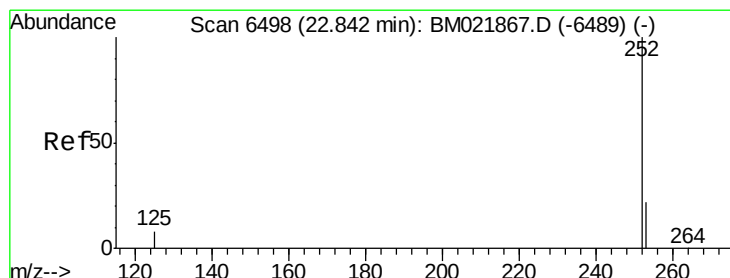
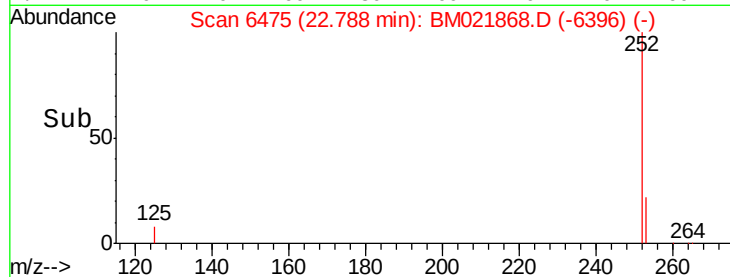
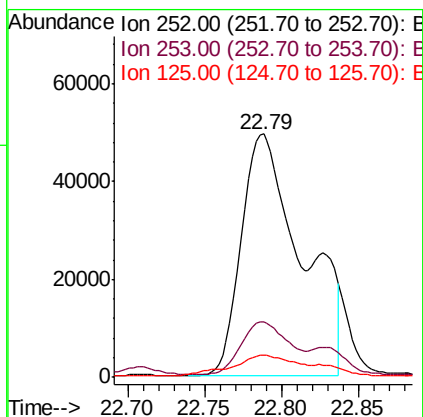
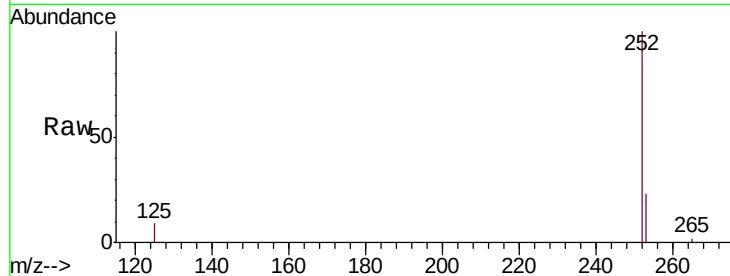
Tgt Ion:252 Resp: 135099

Ion Ratio Lower Upper

252 100

253 22.9 0.0 67.4

125 8.9 0.0 31.0



#22

Benzo(k)fluoranthene

Concen: 0.130 ng/ul

RT: 22.79 min Scan# 6475

Delta R.T. -0.05 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

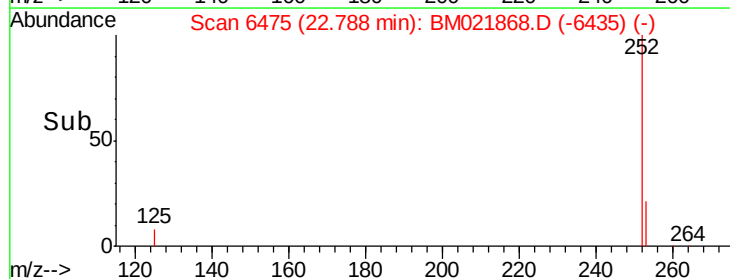
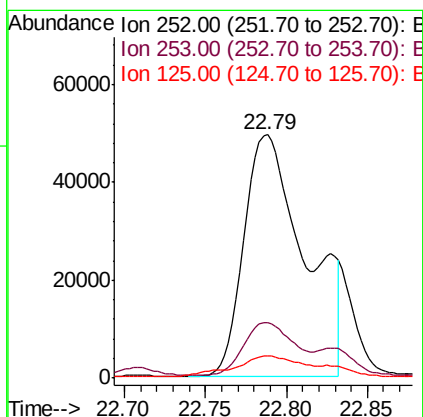
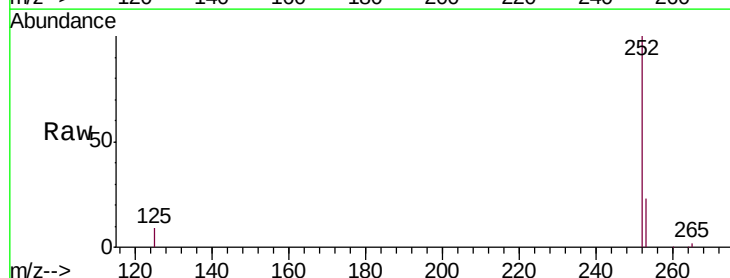
Tgt Ion:252 Resp: 129159

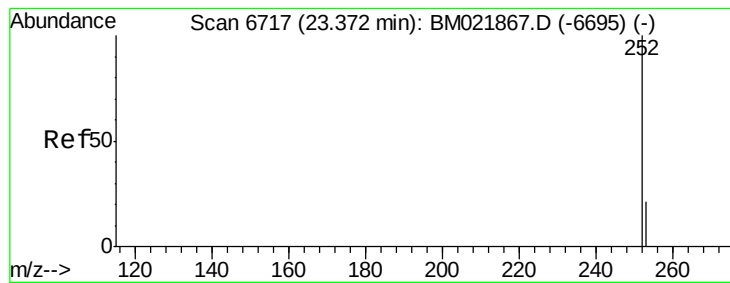
Ion Ratio Lower Upper

252 100

253 22.9 27.0 40.4#

125 8.9 12.2 18.2#





#23

Benzo(a)pyrene

Concen: 0.061 ng/ul

RT: 23.26 min Scan# 6669

Delta R.T. -0.11 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

Instrument :

BNA_M

ClientSampleId :

A52F0

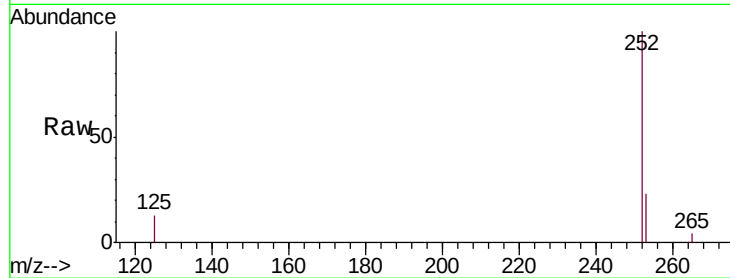
Tgt Ion:252 Resp: 54553

Ion Ratio Lower Upper

252 100

253 23.0 31.7 47.5#

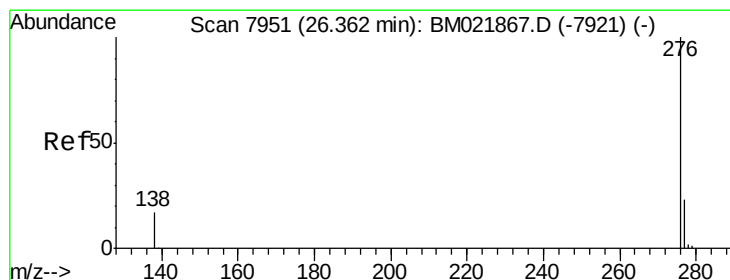
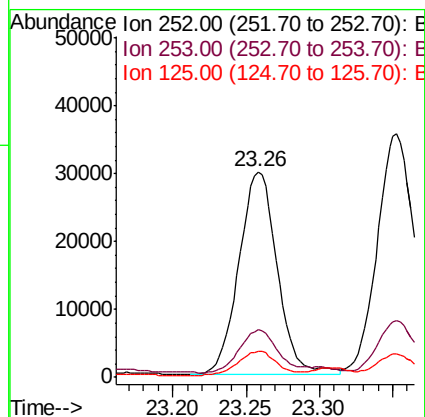
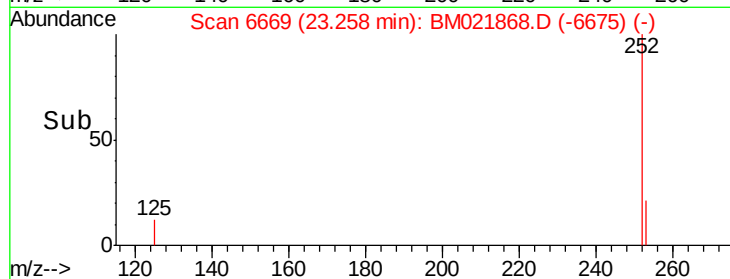
125 12.5 14.6 21.8#



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



#26

Benzo(g,h,i)perylene

Concen: 0.053 ng/ul

RT: 26.34 min Scan# 7942

Delta R.T. -0.02 min

Lab File: BM021868.D

Acq: 06 Aug 2019 21:07

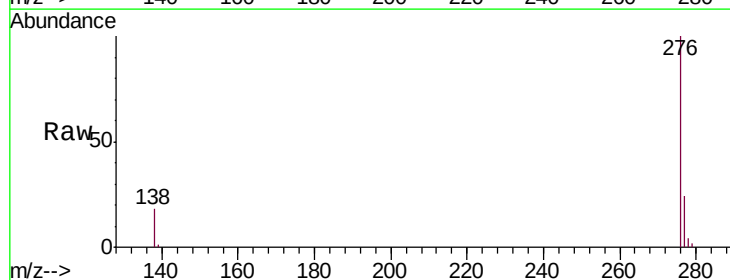
Tgt Ion:276 Resp: 50588

Ion Ratio Lower Upper

276 100

138 17.7 15.5 23.3

277 24.3 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

