

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021976.D
 Acq On : 09 Aug 2019 19:13
 Operator : HP/JU
 Sample : K4117-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:23:30 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

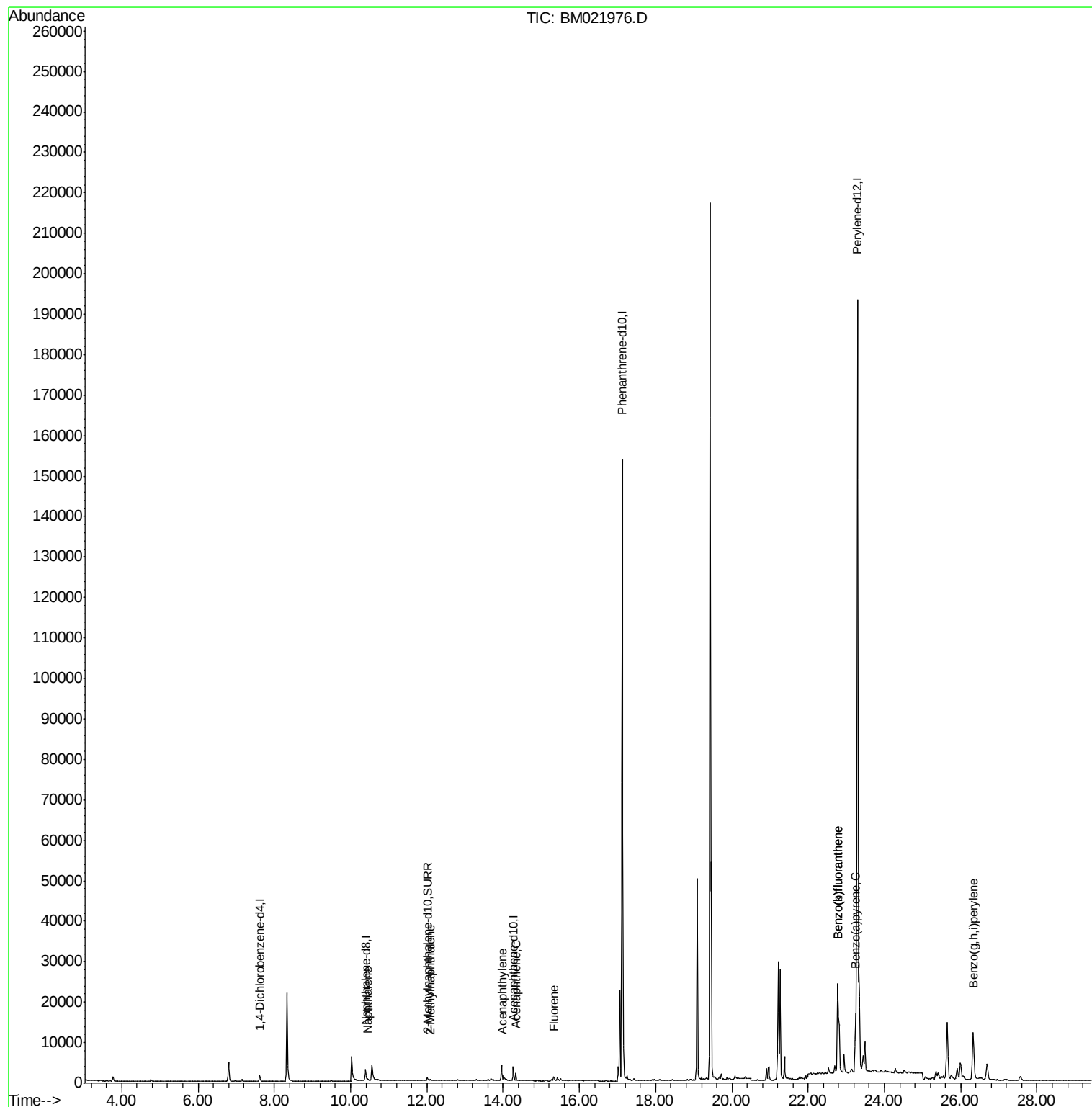
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	852	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3630	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1966	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	185629	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.29	264	232477	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1216	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.17	212	232	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	741	0.072	ng/ul#	84
5) 2-Methylnaphthalene	12.09	142	164	0.024	ng/ul	97
7) Acenaphthylene	13.99	152	408	0.044	ng/ul#	71
8) Acenaphthene	14.33	153	1149	0.153	ng/ul	98
9) Fluorene	15.33	166	741	0.089	ng/ul#	98
21) Benzo(b)fluoranthene	22.77	252	46621	0.059	ng/ul	86
22) Benzo(k)fluoranthene	22.77	252	43531	0.049	ng/ul#	86
23) Benzo(a)pyrene	23.24	252	20739	0.026	ng/ul#	82
26) Benzo(g,h,i)perylene	26.33	276	23457	0.027	ng/ul	97

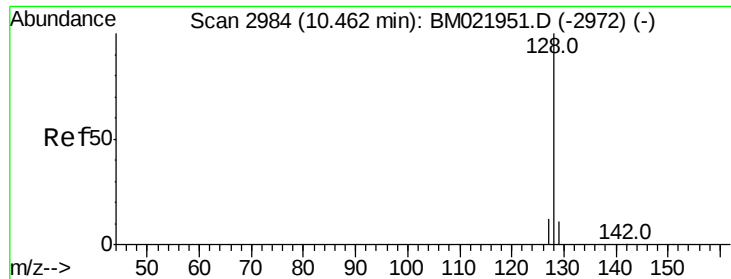
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021976.D
Acq On : 09 Aug 2019 19:13
Operator : HP/JU
Sample : K4117-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 10 05:23:30 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: 0.072 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021976.D

Acq: 09 Aug 2019 19:13

Instrument :

BNA_M

ClientSampleId :

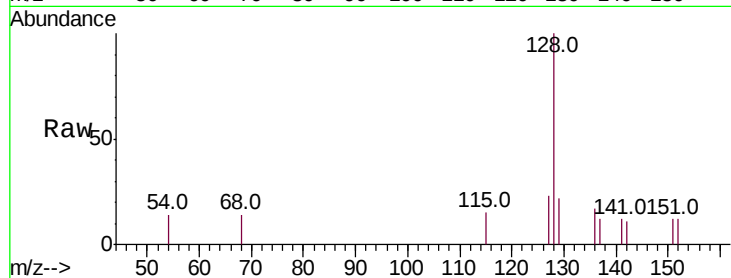
Tot Ion:128 Resp: 741

Ion Ratio Lower Upper

128 100

129 22.2 12.3 18.5#

127 23.0 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

10.44

400

300

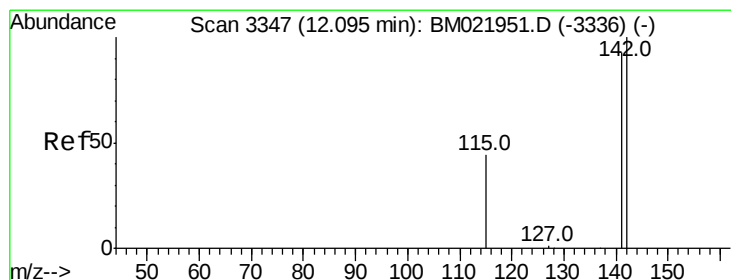
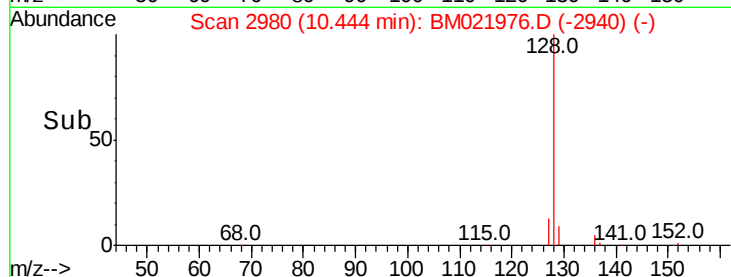
200

100

0

10.40 10.50

Time-->



#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM021976.D

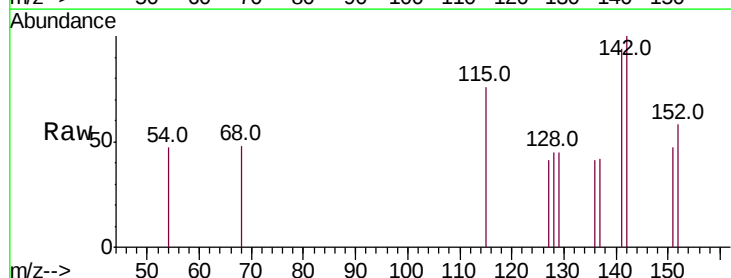
Acq: 09 Aug 2019 19:13

Tgt Ion:142 Resp: 164

Ion Ratio Lower Upper

142 100

141 90.2 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.09

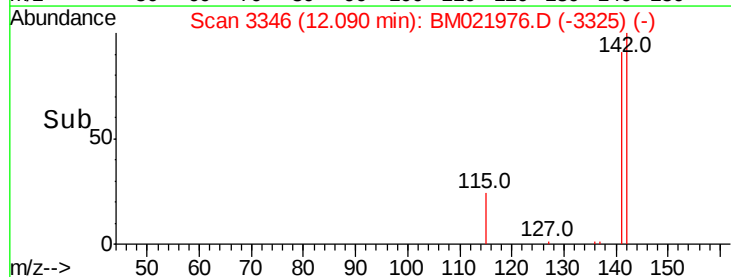
100

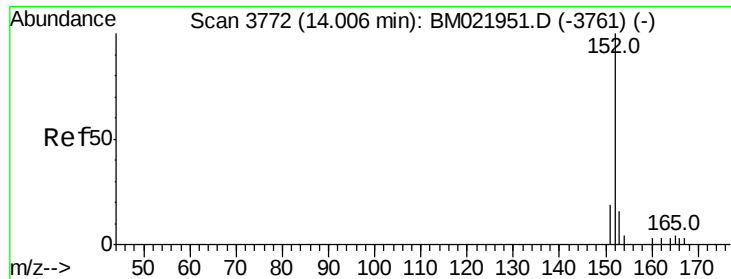
50

0

12.00 12.10

Time-->





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021976.D

Acq: 09 Aug 2019 19:13

Instrument :

BNA_M

ClientSampleId :

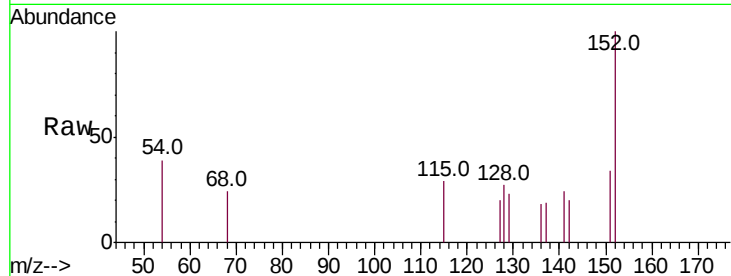
Tot Ion:152 Resp: 408

Ion Ratio Lower Upper

152 100

151 34.1 18.3 27.5#

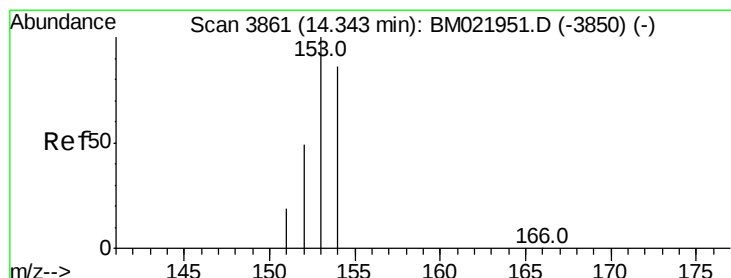
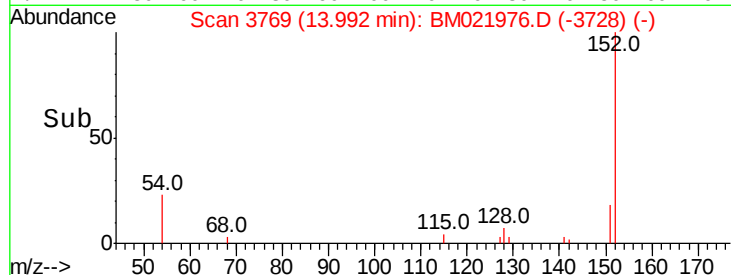
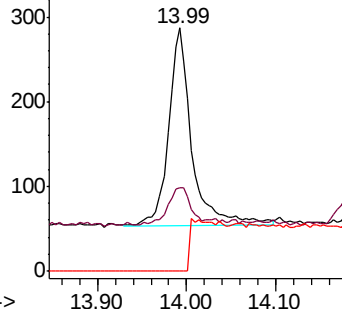
153 0.0 12.8 19.2#



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: 0.153 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM021976.D

Acq: 09 Aug 2019 19:13

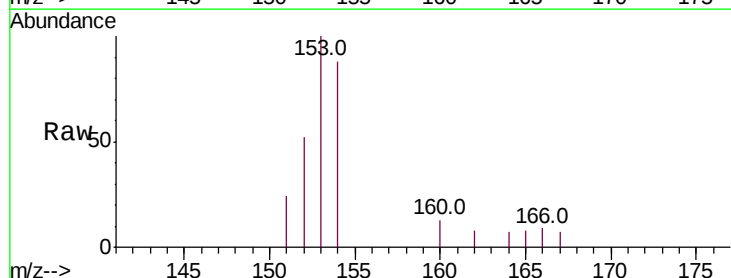
Tgt Ion:153 Resp: 1149

Ion Ratio Lower Upper

153 100

152 51.6 41.3 61.9

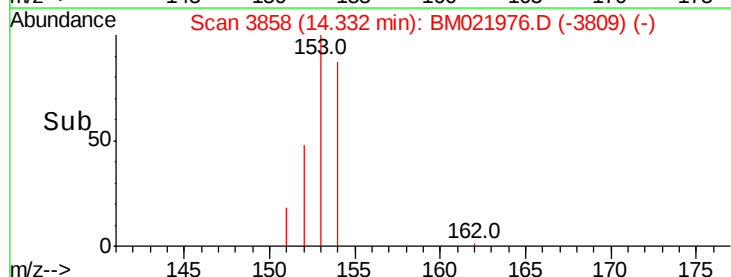
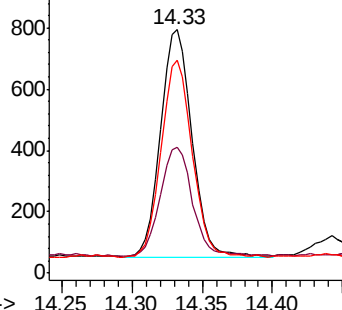
154 87.5 72.3 108.5

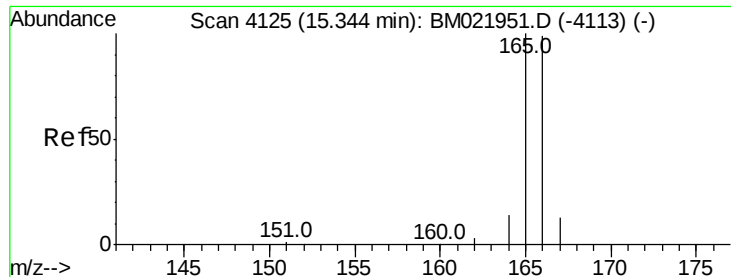


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

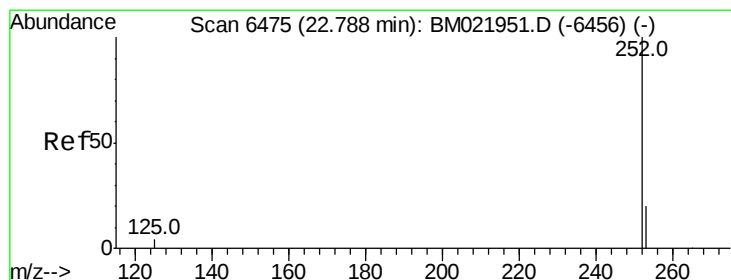
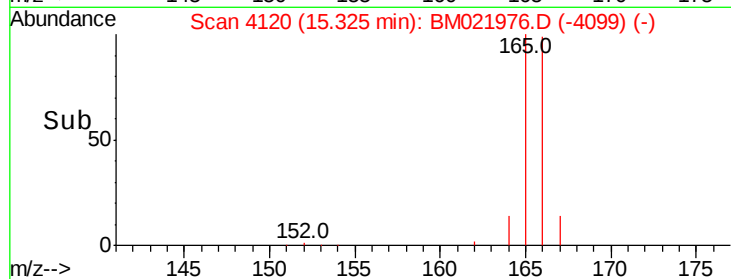
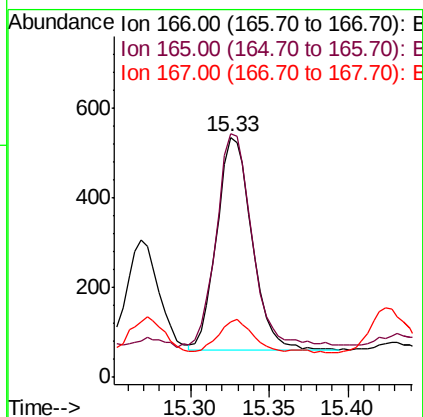
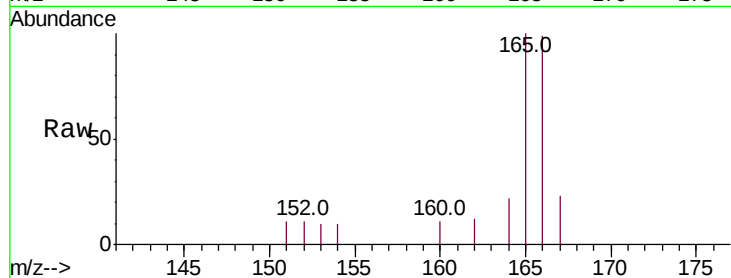




#9
Fluorene
 Concen: 0.089 ng/ul
 RT: 15.33 min Scan# 4120
 Delta R.T. -0.02 min
 Lab File: BM021976.D
 Acq: 09 Aug 2019 19:13

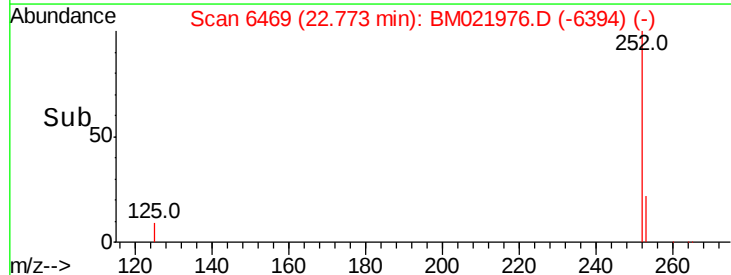
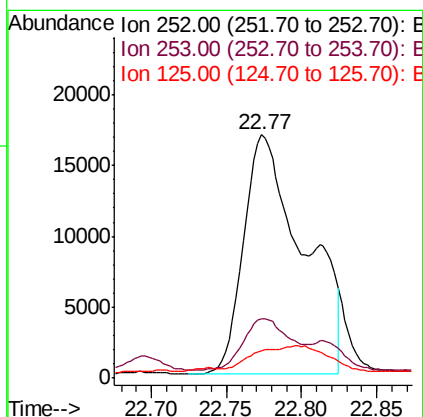
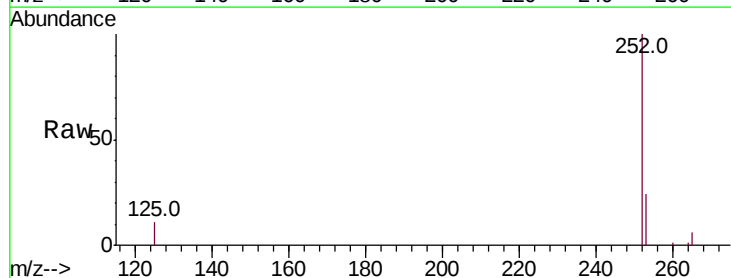
Instrument :
 BNA_M
 ClientSampleId :

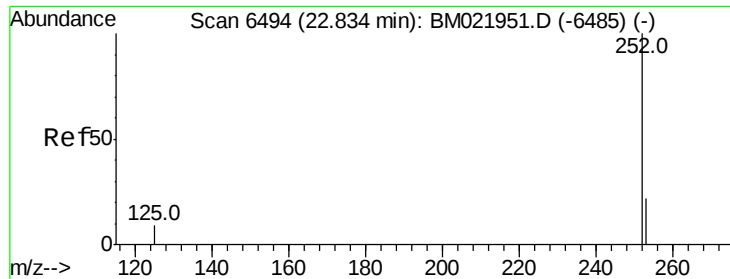
Tot Ion:166 Resp: 741
 Ion Ratio Lower Upper
 166 100
 165 101.3 81.4 122.0
 167 23.2 13.7 20.5#



#21
Benzo(b)fluoranthene
 Concen: 0.059 ng/ul
 RT: 22.77 min Scan# 6469
 Delta R.T. -0.02 min
 Lab File: BM021976.D
 Acq: 09 Aug 2019 19:13

Tgt Ion:252 Resp: 46621
 Ion Ratio Lower Upper
 252 100
 253 24.4 0.0 67.4
 125 11.3 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.049 ng/ul

RT: 22.77 min Scan# 6469

Delta R.T. -0.06 min

Lab File: BM021976.D

Acq: 09 Aug 2019 19:13

Instrument :

BNA_M

ClientSampleId :

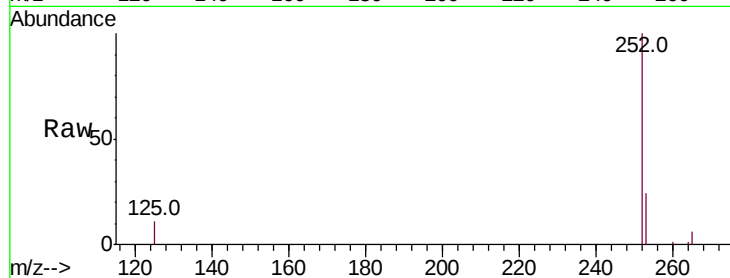
Tot Ion:252 Resp: 43531

Ion Ratio Lower Upper

252 100

253 24.4 27.0 40.4#

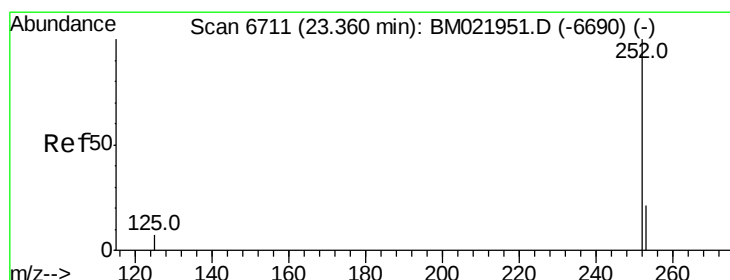
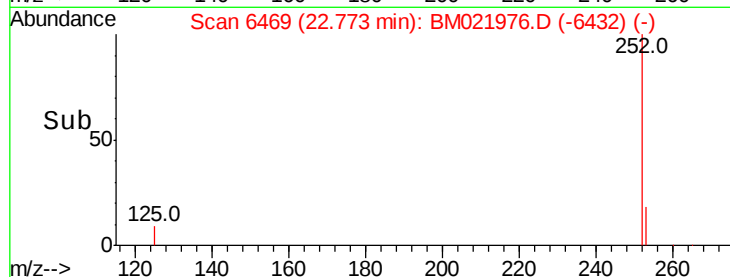
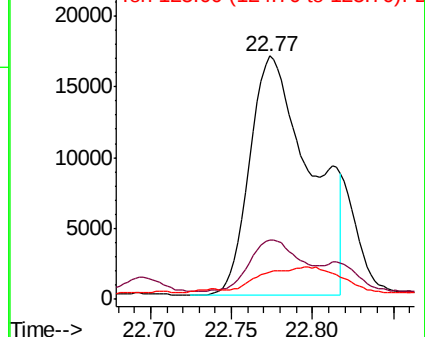
125 11.3 12.2 18.2#



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



#23

Benzo(a)pyrene

Concen: 0.026 ng/ul

RT: 23.24 min Scan# 6663

Delta R.T. -0.12 min

Lab File: BM021976.D

Acq: 09 Aug 2019 19:13

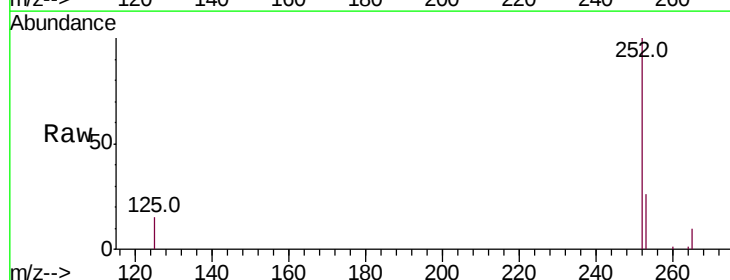
Tgt Ion:252 Resp: 20739

Ion Ratio Lower Upper

252 100

253 25.5 31.7 47.5#

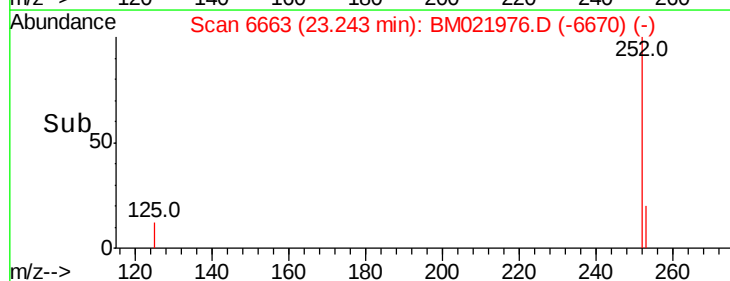
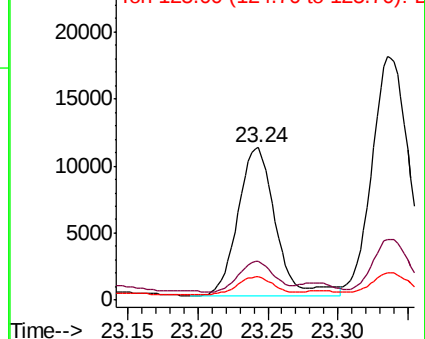
125 15.1 14.6 21.8

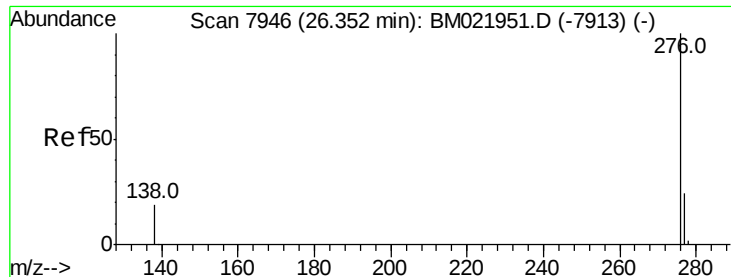


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.027 ng/ul

RT: 26.33 min Scan# 7935

Delta R.T. -0.03 min

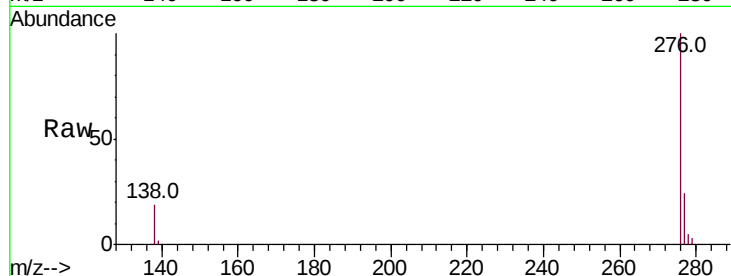
Lab File: BM021976.D

Acq: 09 Aug 2019 19:13

Instrument :

BNA_M

ClientSampleId :



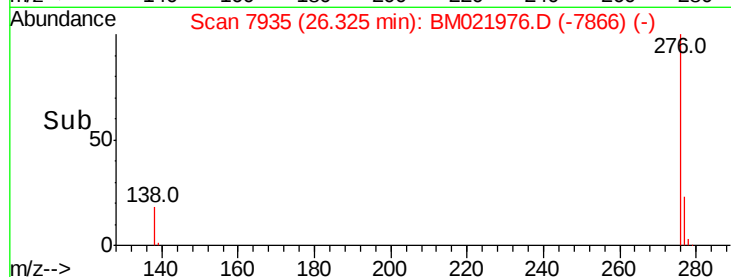
Tot Ion:276 Resp: 23457

Ion Ratio Lower Upper

276 100

138 19.2 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

