

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003080.D
 Acq On : 11 Oct 2018 00:37
 Operator : MJ/SJ
 Sample : J5157-08RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 08:13:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 08:10:30 2018
 Response via : Initial Calibration

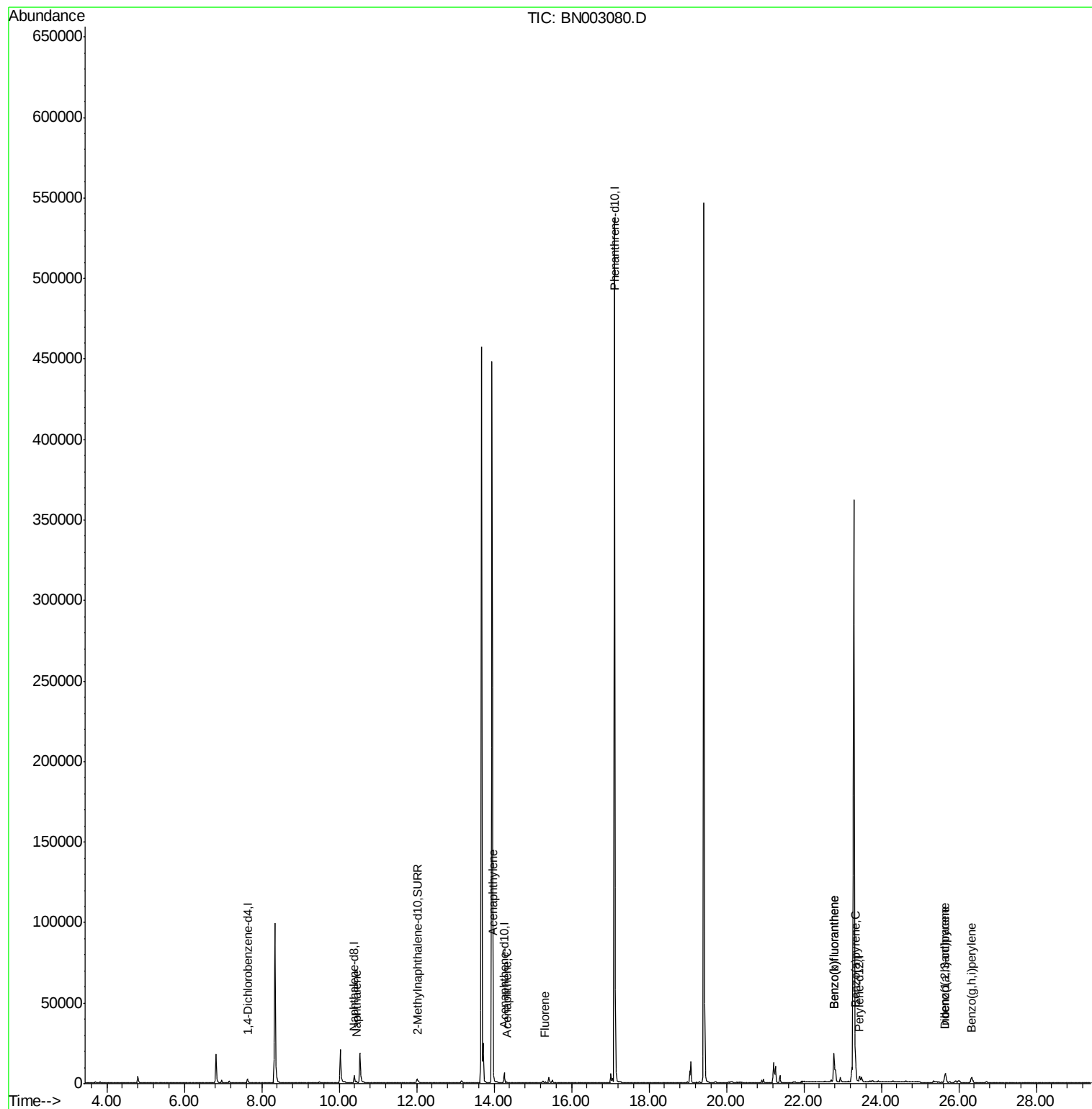
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1540	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6272	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3567	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.11	188	622381	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	5230	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4371	0.45	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	1204	0.075	ng/ul#	87
7) Acenaphthylene	13.98	152	1889	0.116	ng/ul#	92
8) Acenaphthene	14.32	153	328	0.026	ng/ul#	94
9) Fluorene	15.32	166	436	0.031	ng/ul#	94
21) Benzo(b)fluoranthene	22.77	252	37338	1.982	ng/ul	93
22) Benzo(k)fluoranthene	22.77	252	37338	1.912	ng/ul#	92
23) Benzo(a)pyrene	23.33	252	16759	0.993	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.65	276	9881	0.509	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.65	278	2607	0.168	ng/ul	91
26) Benzo(g,h,i)perylene	26.33	276	7560	0.462	ng/ul	98

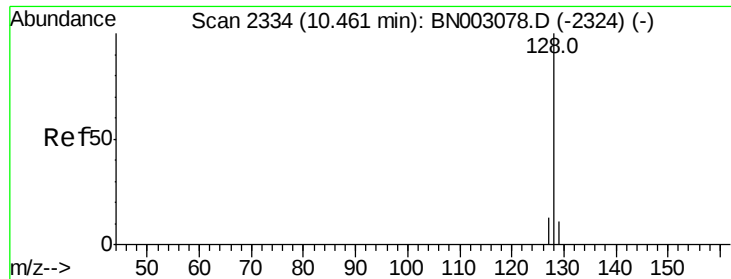
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

ClientSampleId :

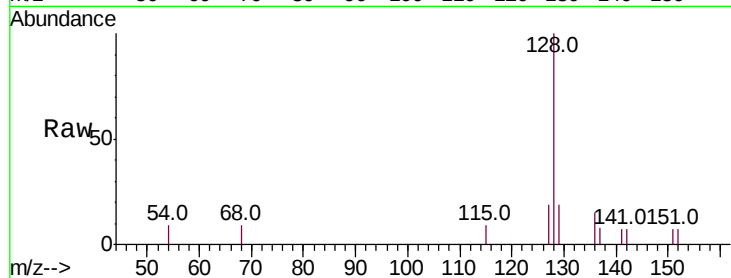
Tot Ion:128 Resp: 1204

Ion Ratio Lower Upper

128 100

129 19.4 10.4 15.6#

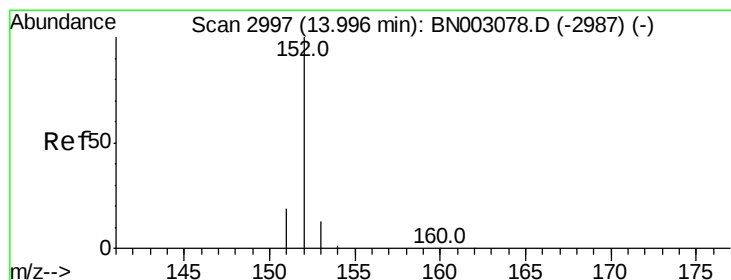
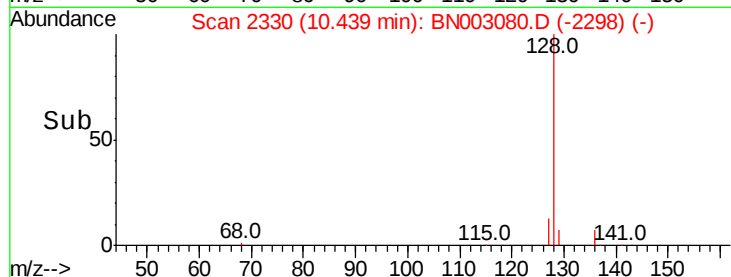
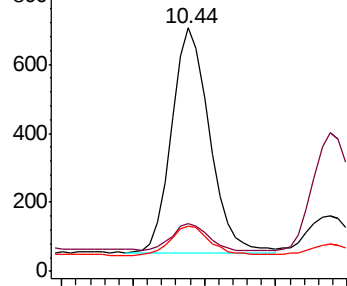
127 18.6 11.7 17.5#



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



#7

Acenaphthylene

Concen: 0.116 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

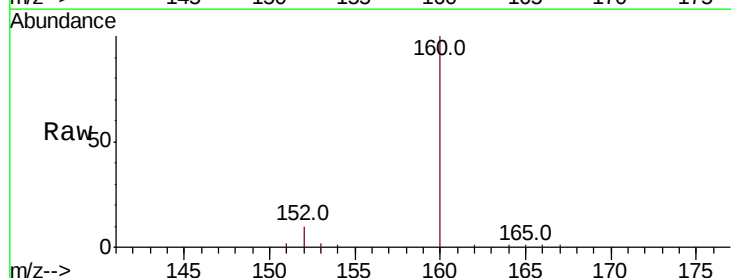
Tgt Ion:152 Resp: 1889

Ion Ratio Lower Upper

152 100

151 24.6 16.5 24.7

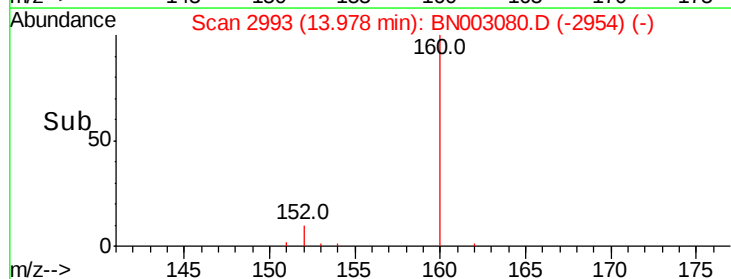
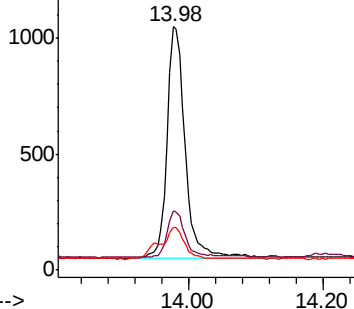
153 17.3 11.4 17.2#

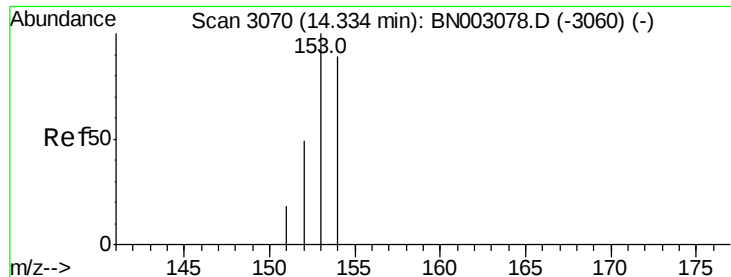


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

ClientSampleId :

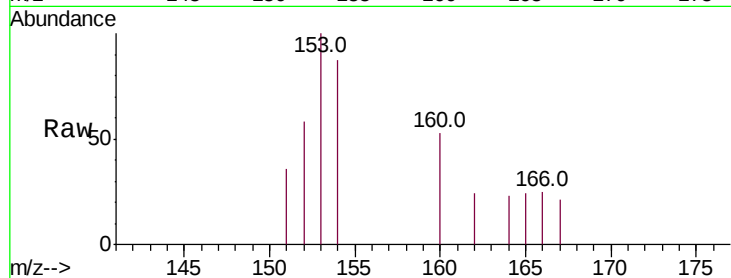
Tot Ion:153 Resp: 328

Ion Ratio Lower Upper

153 100

152 58.2 38.2 57.4#

154 86.7 70.2 105.2



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

14.32

200

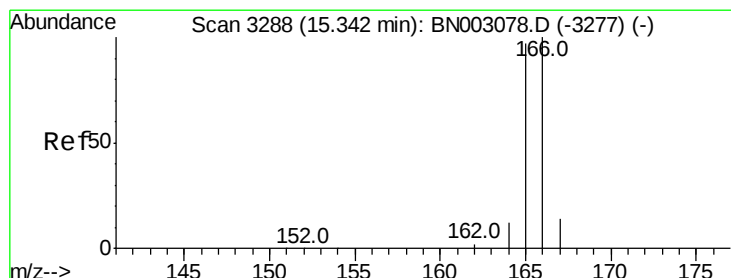
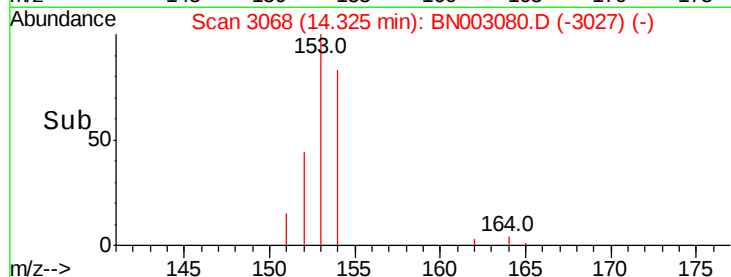
100

0

14.30

14.40

Time-->



#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

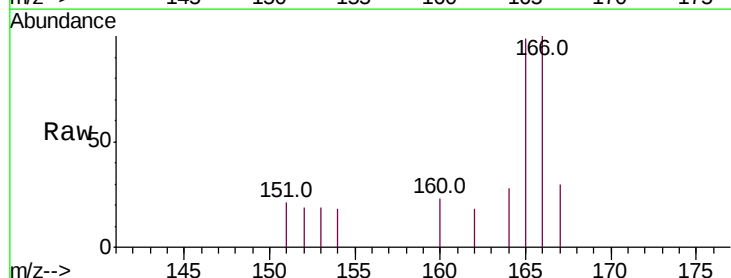
Tgt Ion:166 Resp: 436

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

167 29.5 11.6 17.4#



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

1000

800

600

400

200

0

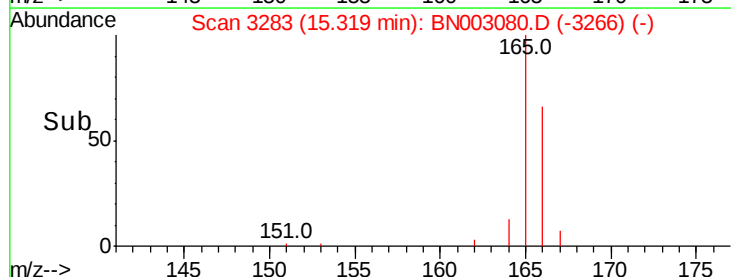
15.25

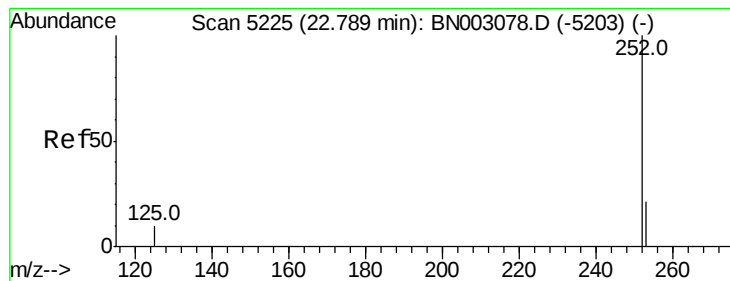
15.30

15.35

15.40

Time-->





#21

Benzo(b)fluoranthene

Concen: 1.982 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

ClientSampleId :

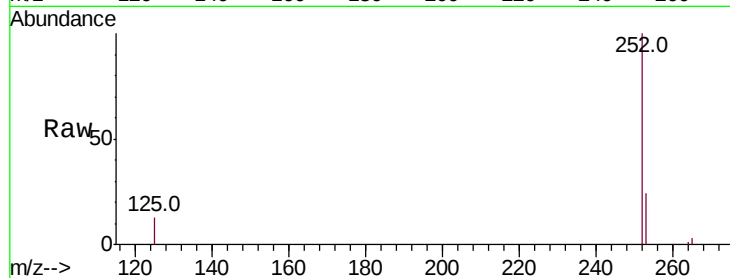
Tot Ion:252 Resp: 37338

Ion Ratio Lower Upper

252 100

253 23.7 0.0 53.2

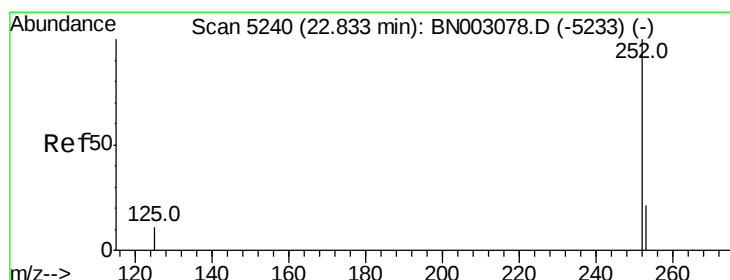
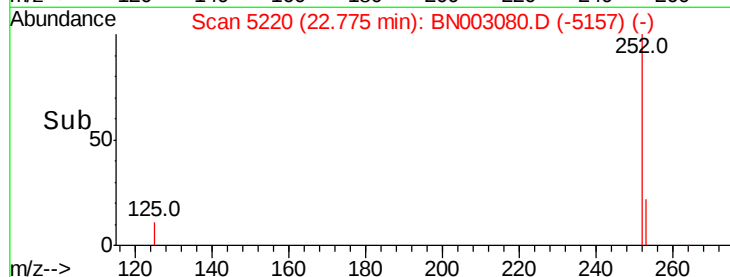
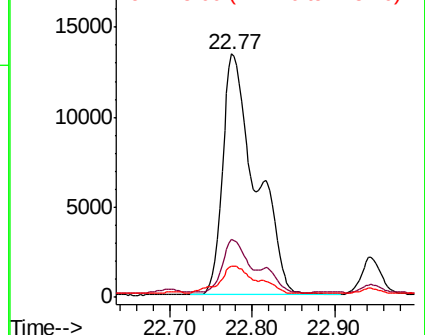
125 12.8 0.0 34.2



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



#22

Benzo(k)fluoranthene

Concen: 1.912 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.06 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

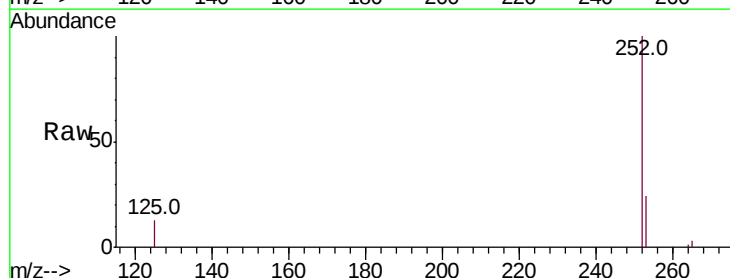
Tgt Ion:252 Resp: 37338

Ion Ratio Lower Upper

252 100

253 23.7 21.3 31.9

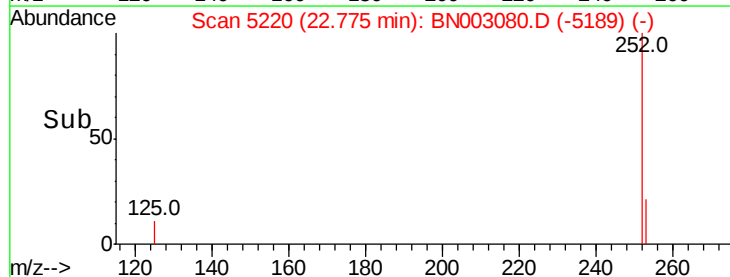
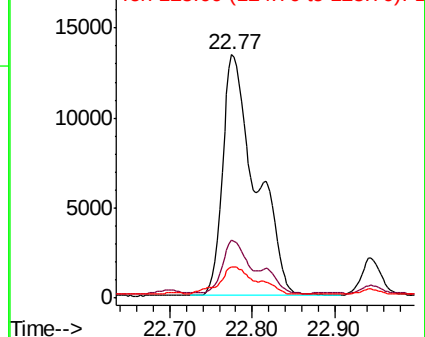
125 12.8 14.1 21.1#

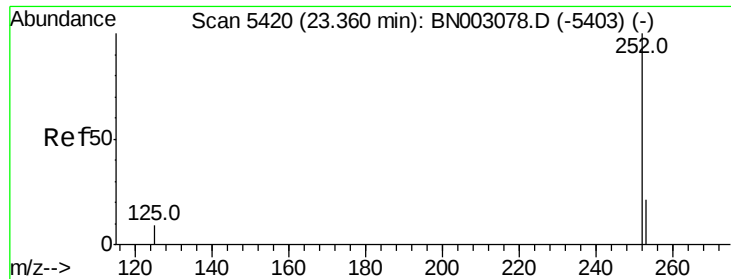


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.993 ng/ul

RT: 23.33 min Scan# 5411

Delta R.T. -0.03 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

ClientSampled :

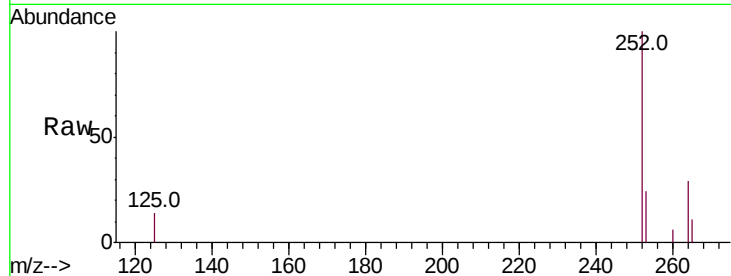
Tot Ion:252 Resp: 16759

Ion Ratio Lower Upper

252 100

253 24.4 23.1 34.7

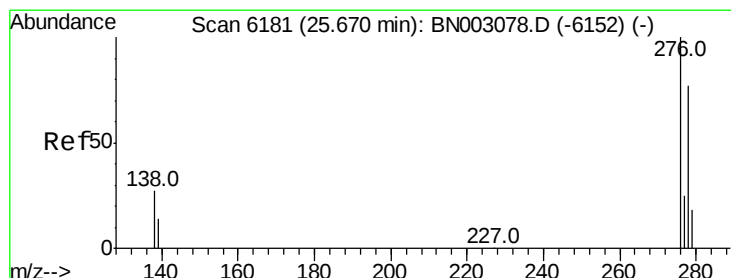
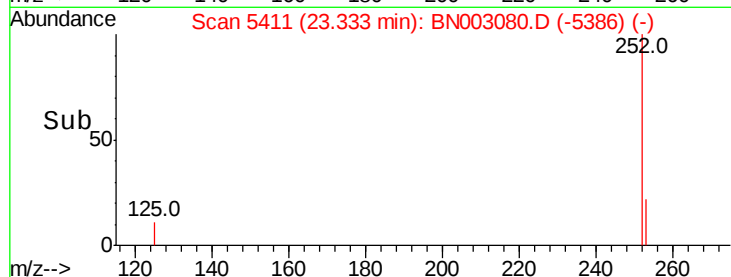
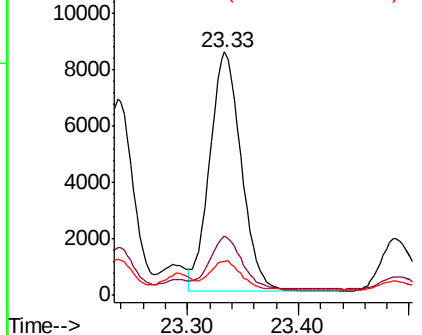
125 14.0 16.9 25.3#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.509 ng/ul

RT: 25.65 min Scan# 6176

Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

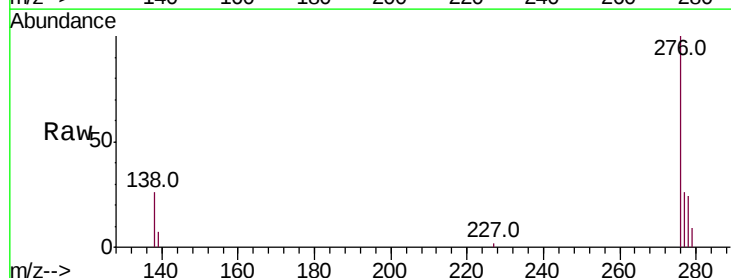
Tgt Ion:276 Resp: 9881

Ion Ratio Lower Upper

276 100

138 22.7 21.5 32.3

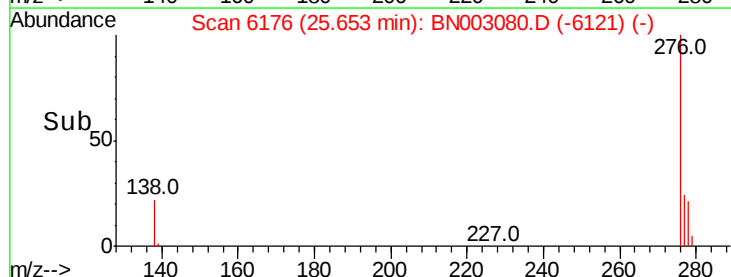
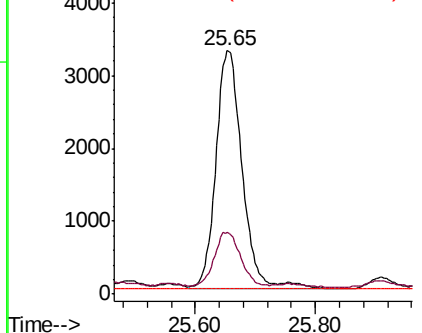
227 0.1 0.3 0.5#

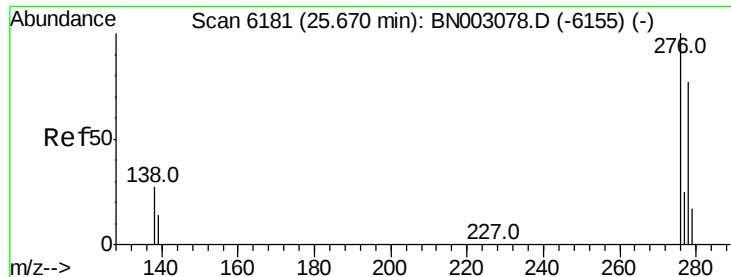


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

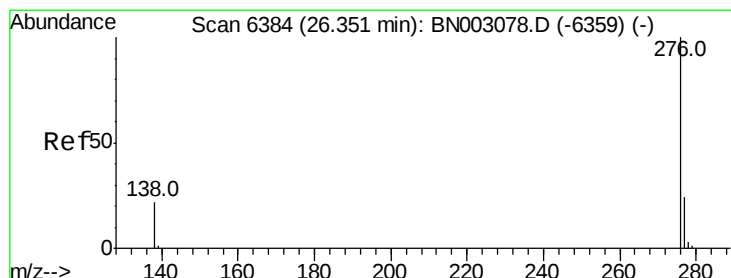
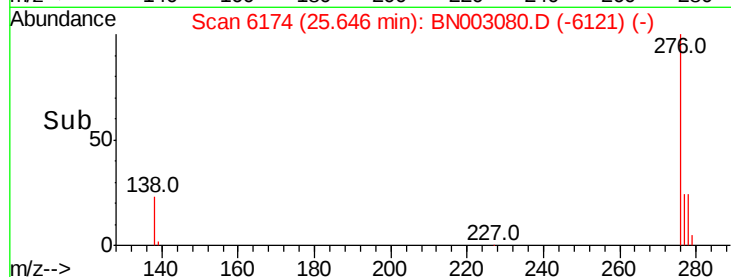
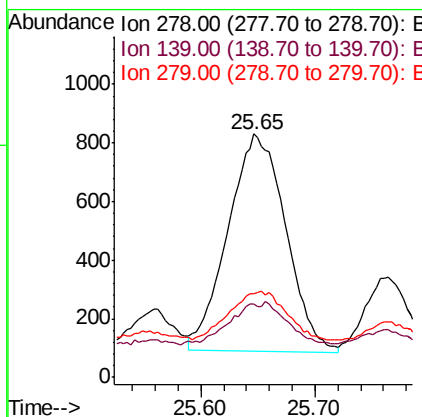
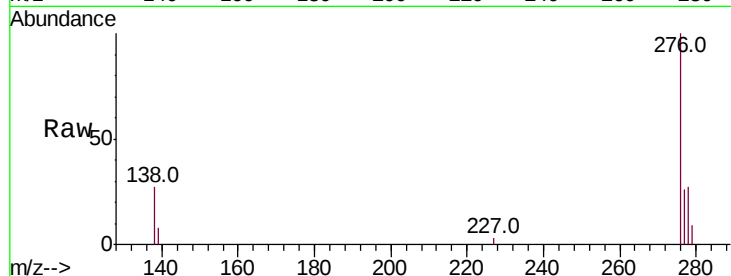




#25
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2607
Ion Ratio Lower Upper
278 100
139 30.2 20.2 30.4
279 34.5 23.8 35.8



#26
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.33 min Scan# 6379
Delta R.T. -0.02 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Tgt Ion:276 Resp: 7560
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.4
277 26.5 22.0 33.0

