

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 07:08:28 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 07:04:52 2018
 Response via : Initial Calibration

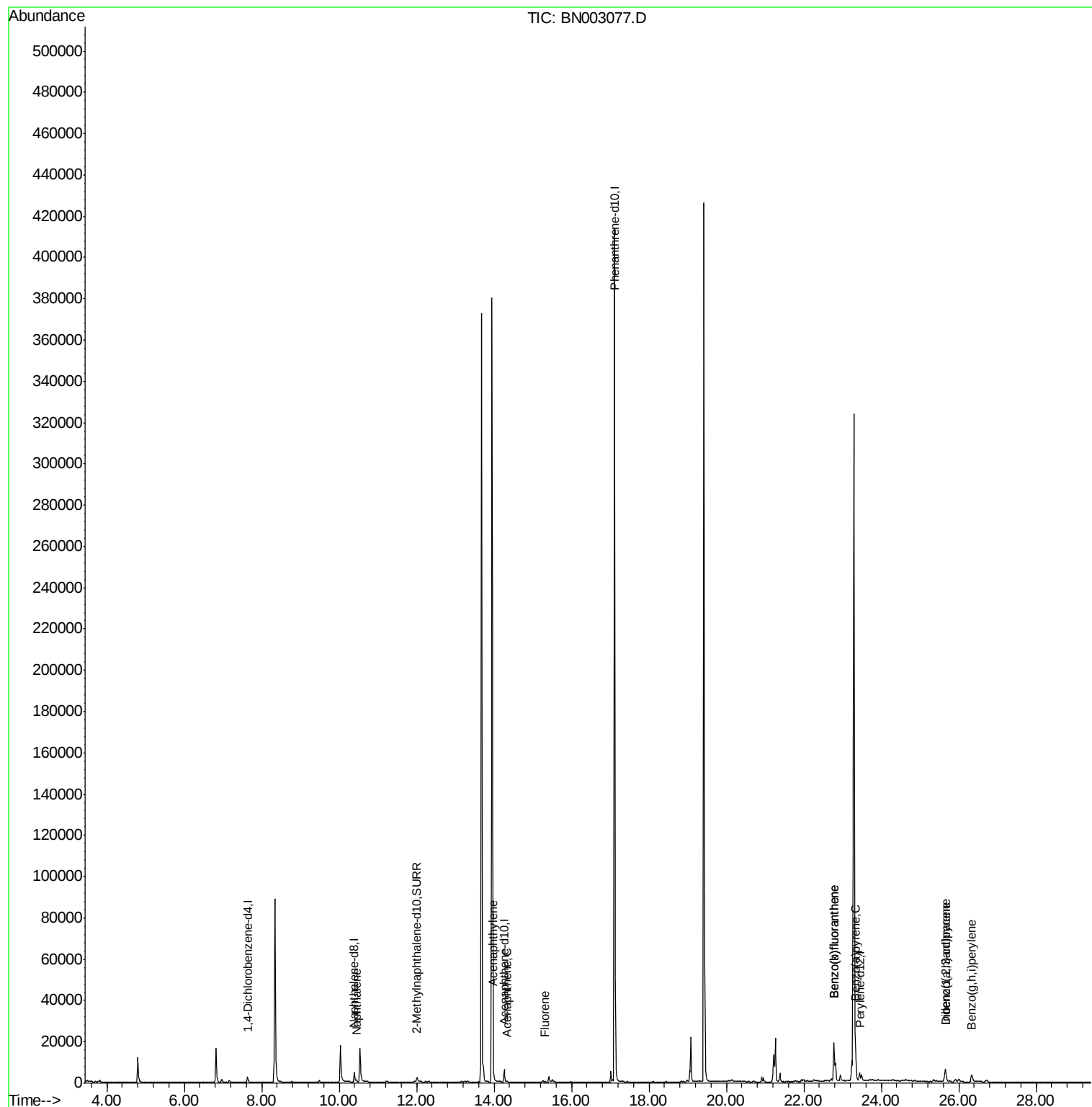
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1628	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6474	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3438	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	478593	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	5399	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3784	0.38	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1472	0.089	ng/ul#	90
7) Acenaphthylene	13.98	152	1993	0.127	ng/ul#	94
8) Acenaphthene	14.32	153	256	0.021	ng/ul#	88
9) Fluorene	15.32	166	297	0.022	ng/ul#	87
21) Benzo(b)fluoranthene	22.78	252	38193	1.964	ng/ul	92
22) Benzo(k)fluoranthene	22.78	252	38186	1.894	ng/ul#	92
23) Benzo(a)pyrene	23.34	252	17594	1.010	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.66	276	9797	0.489	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	2817	0.176	ng/ul#	90
26) Benzo(g,h,i)perylene	26.34	276	7634	0.452	ng/ul	97

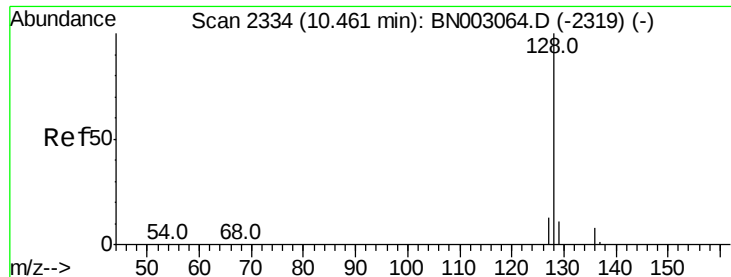
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.089 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

Instrument :

BNA_N

ClientSampleId :

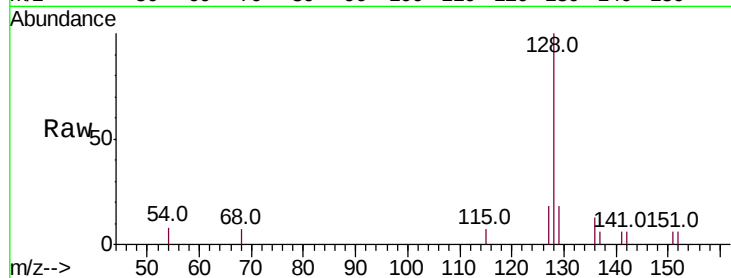
Tot Ion:128 Resp: 1472

Ion Ratio Lower Upper

128 100

129 17.7 10.4 15.6#

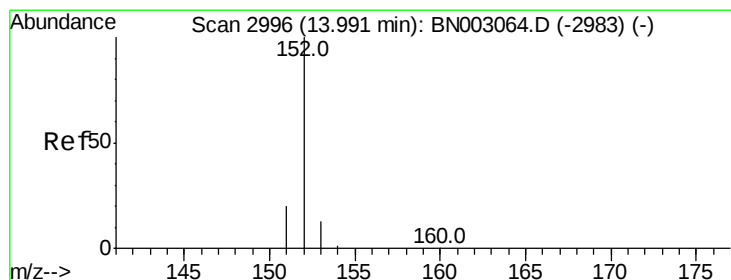
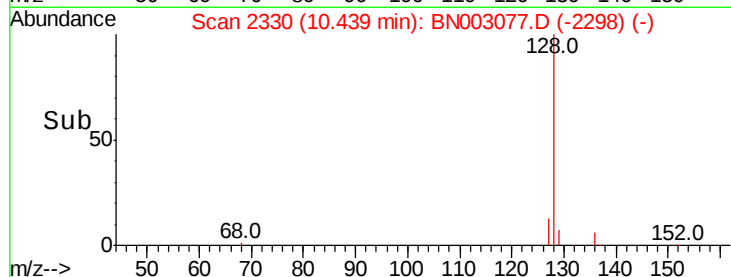
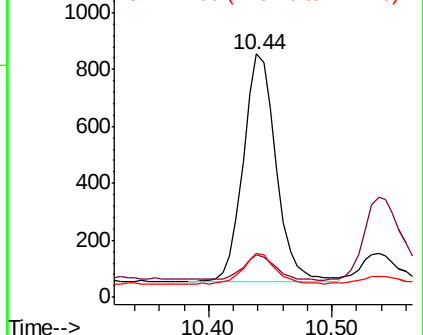
127 17.9 11.7 17.5#



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: 0.127 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

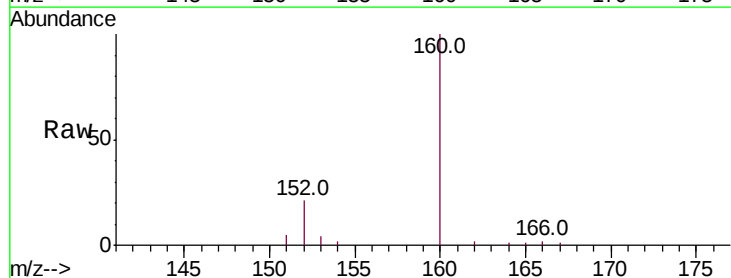
Tgt Ion:152 Resp: 1993

Ion Ratio Lower Upper

152 100

151 23.0 16.5 24.7

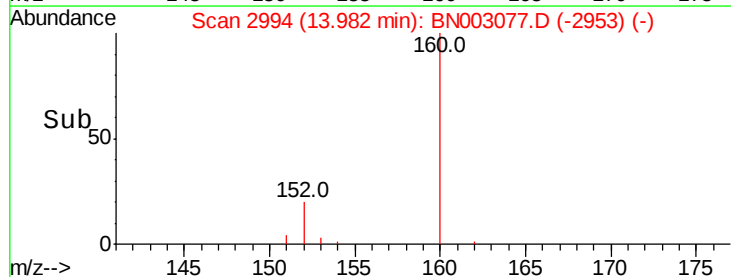
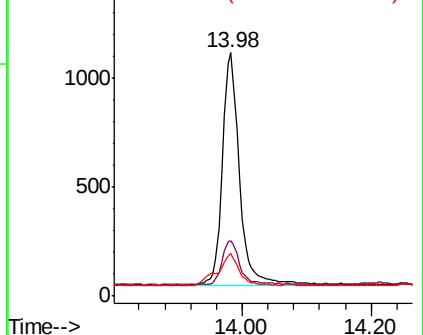
153 17.4 11.4 17.2#

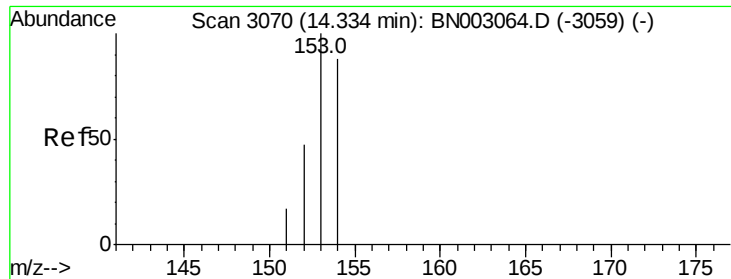


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

Instrument :

BNA_N

ClientSampleId :

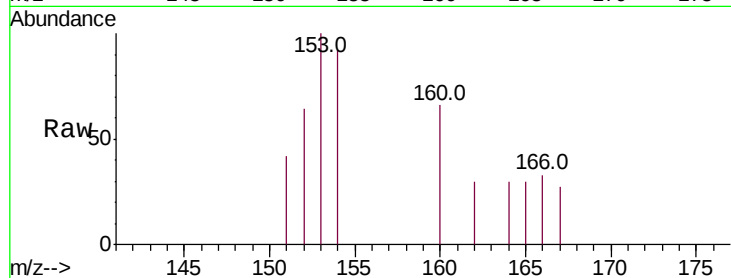
Tot Ion:153 Resp: 256

Ion Ratio Lower Upper

153 100

152 64.1 38.2 57.4#

154 92.3 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

150

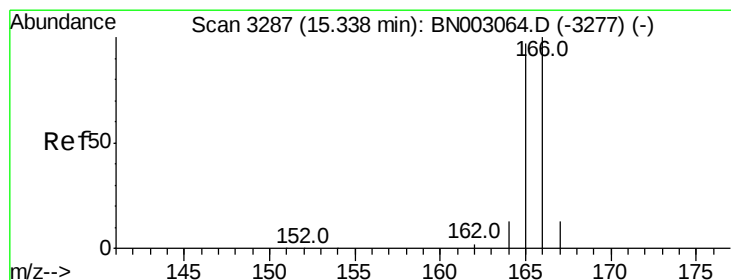
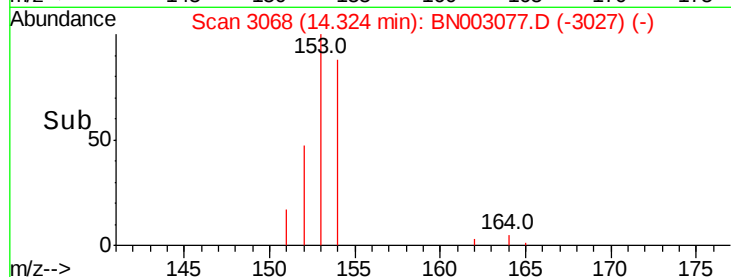
100

50

0

14.25 14.30 14.35 14.40

Time-->



#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

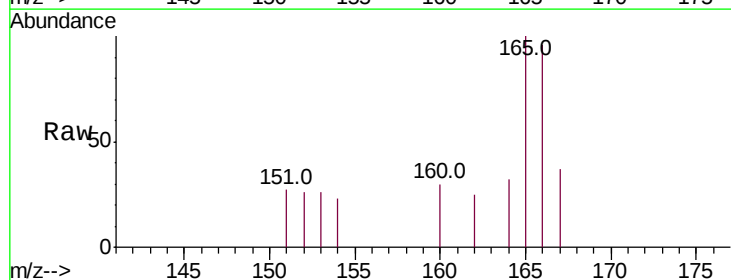
Tgt Ion:166 Resp: 297

Ion Ratio Lower Upper

166 100

165 104.3 78.5 117.7

167 38.4 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

800

600

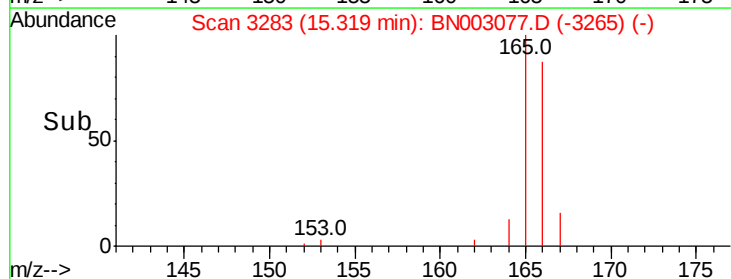
400

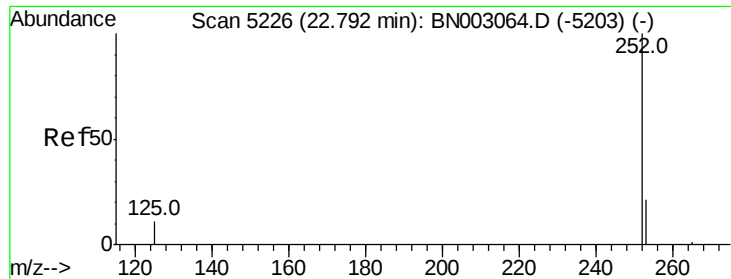
200

0

15.25 15.30 15.35 15.40

Time-->





#21

Benzo(b)fluoranthene

Concen: 1.964 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

Instrument :

BNA_N

ClientSampleId :

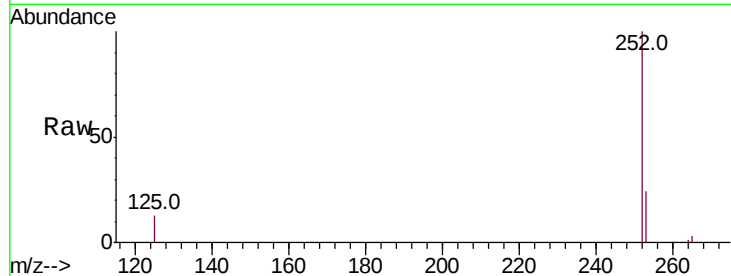
Tot Ion:252 Resp: 38193

Ion Ratio Lower Upper

252 100

253 23.6 0.0 53.2

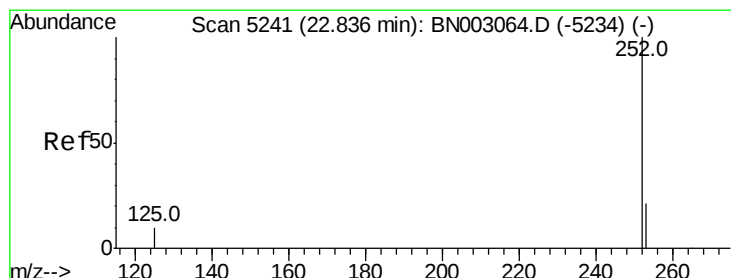
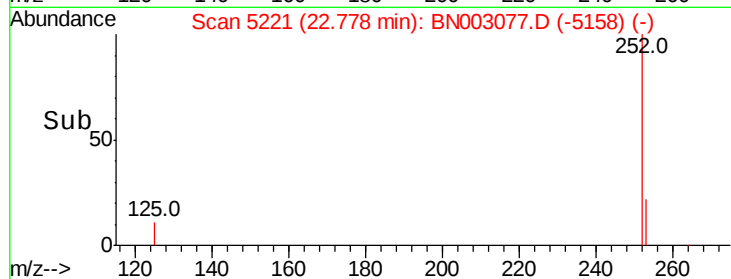
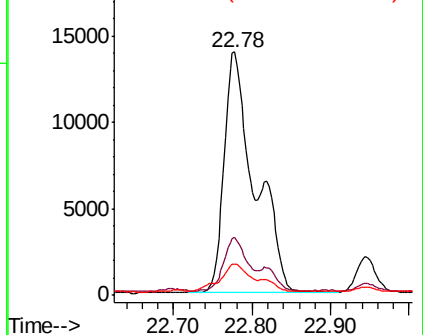
125 12.6 0.0 34.2



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: 1.894 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.06 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

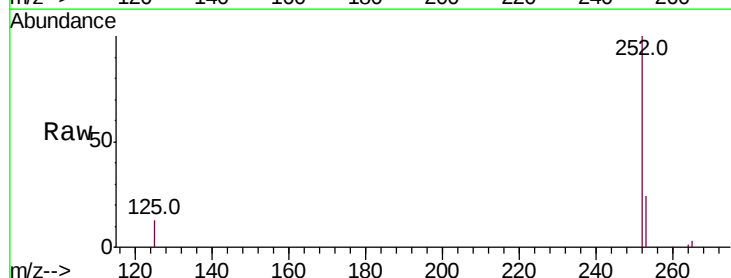
Tgt Ion:252 Resp: 38186

Ion Ratio Lower Upper

252 100

253 23.6 21.3 31.9

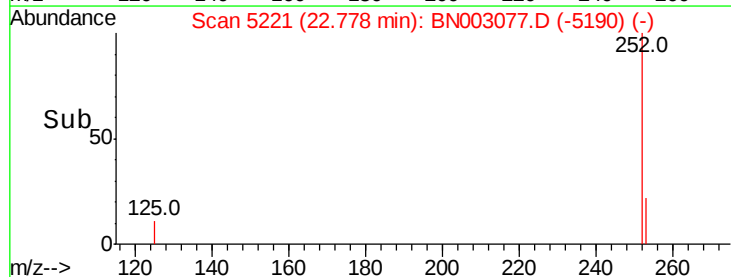
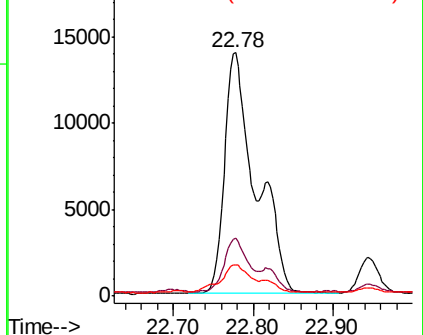
125 12.6 14.1 21.1#

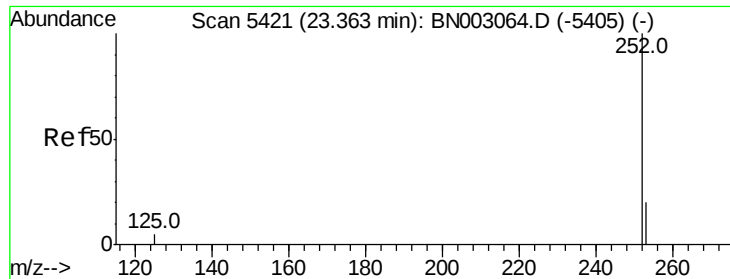


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.010 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.03 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

Instrument :

BNA_N

ClientSampleId :

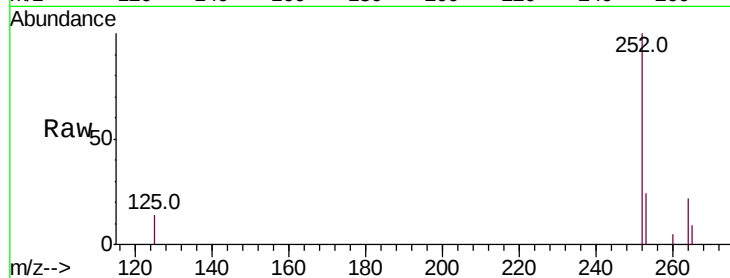
Tot Ion:252 Resp: 17594

Ion Ratio Lower Upper

252 100

253 23.9 23.1 34.7

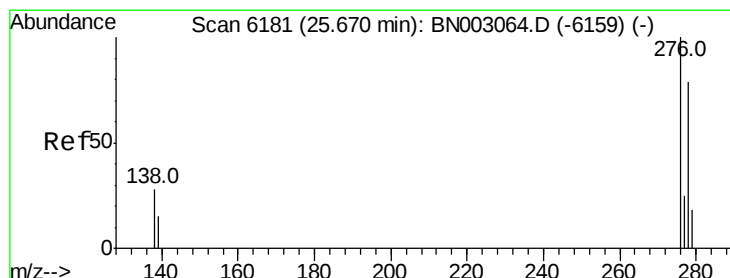
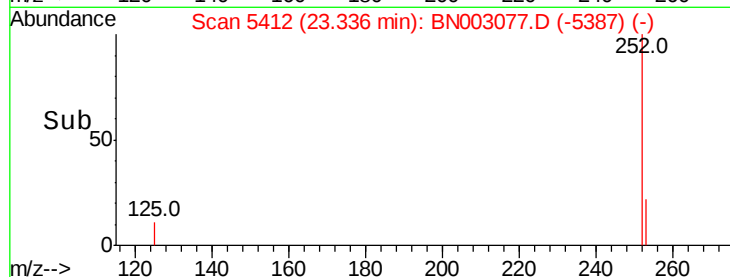
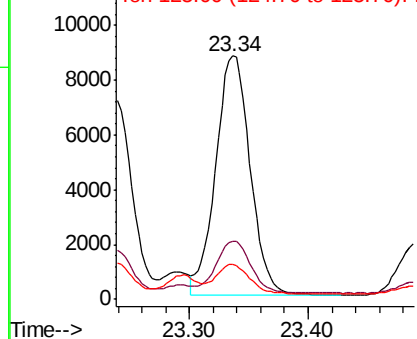
125 14.3 16.9 25.3#



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: 0.489 ng/ul

RT: 25.66 min Scan# 6178

Delta R.T. -0.01 min

Lab File: BN003077.D

Acq: 10 Oct 2018 22:52

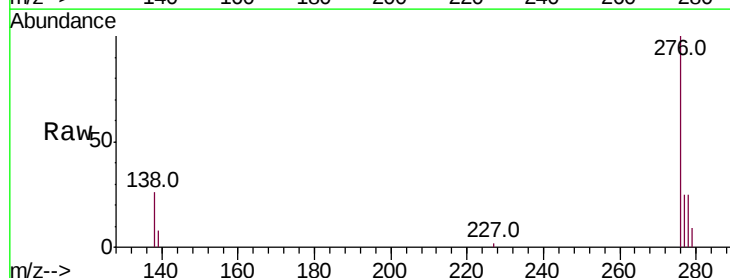
Tgt Ion:276 Resp: 9797

Ion Ratio Lower Upper

276 100

138 23.1 21.5 32.3

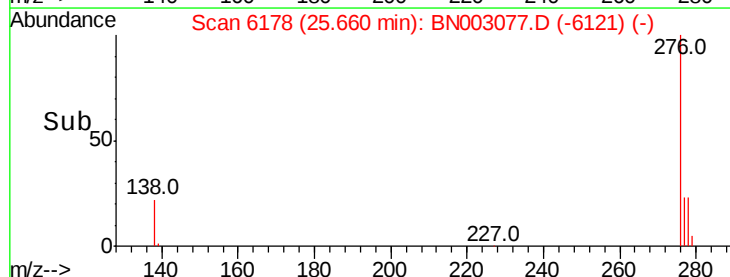
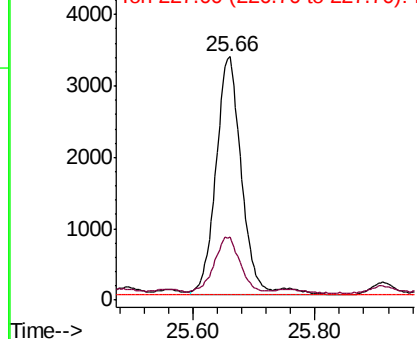
227 0.1 0.3 0.5#

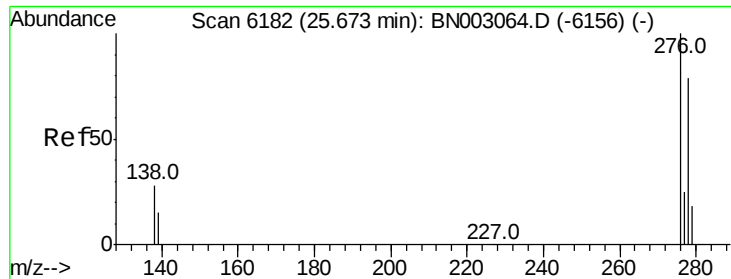


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



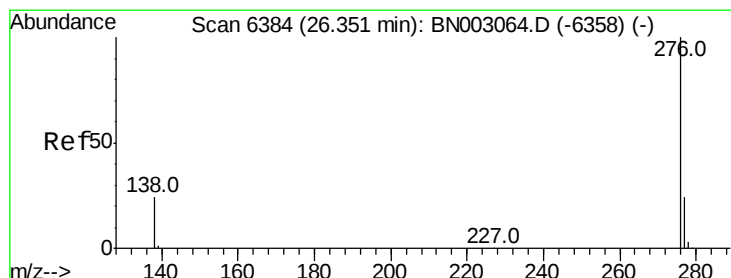
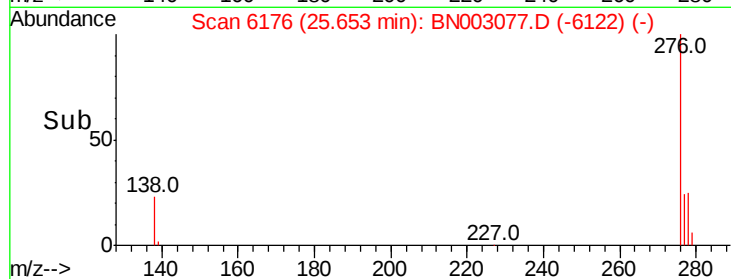
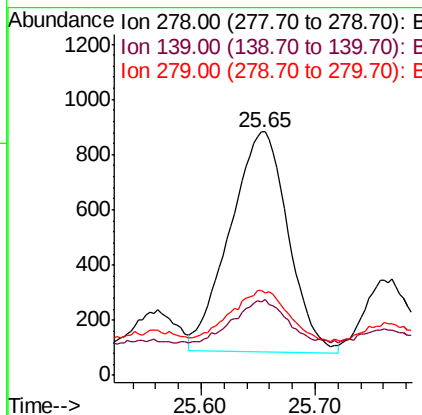
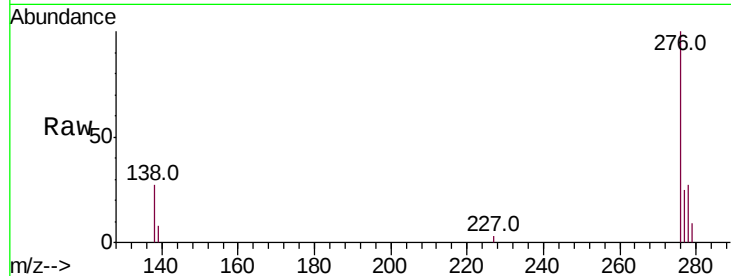


#25
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.02 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2817

Ion	Ratio	Lower	Upper
278	100		
139	30.4	20.2	30.4#
279	34.8	23.8	35.8



#26
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 26.34 min Scan# 6380
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:276 Resp: 7634

Ion	Ratio	Lower	Upper
276	100		
138	26.4	23.0	34.4
277	27.1	22.0	33.0

