

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003160.D
 Acq On : 13 Oct 2018 03:43
 Operator : MJ/SJ
 Sample : J5368-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 06:03:34 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 : Sat Oct 13 05:59:15 2018
 Response via : Initial Calibration

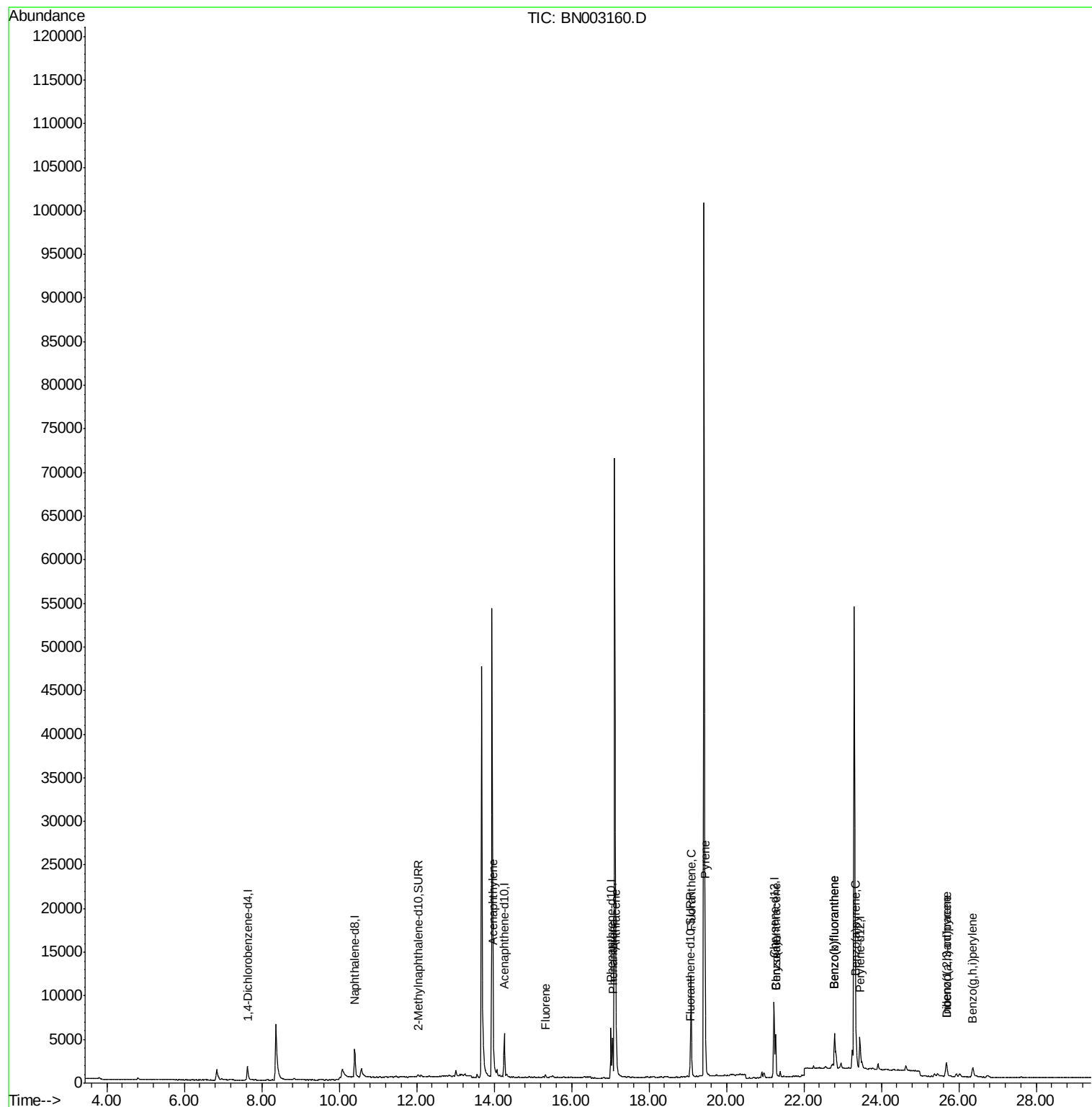
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1210	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.40	136	5204	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3074	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7242	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6223	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5211	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	568	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1442	0.07	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	410	0.029	ng/ul#	1
9) Fluorene	15.32	166	301	0.025	ng/ul#	87
12) Phenanthrene	17.06	178	5082	0.252	ng/ul	98
13) Anthracene	17.15	178	1463	0.077	ng/ul#	81
15) Fluoranthene	19.09	202	10487	0.443	ng/ul	98
17) Pyrene	19.45	202	9898	0.410	ng/ul	99
18) Benzo(a)anthracene	21.27	228	4905	0.245	ng/ul	92
19) Chrysene	21.27	228	4902	0.241	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	8468	0.451	ng/ul	82
22) Benzo(k)fluoranthene	22.79	252	8468	0.435	ng/ul#	82
23) Benzo(a)pyrene	23.35	252	4190	0.249	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.68	276	2831	0.146	ng/ul	92
25) Dibenzo(a,h)anthracene	25.68	278	789	0.051	ng/ul#	21
26) Benzo(g,h,i)perylene	26.36	276	2471	0.152	ng/ul#	86

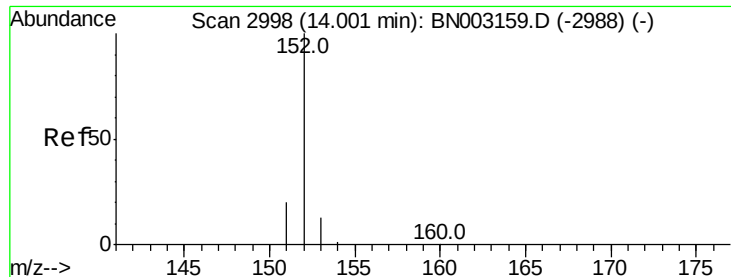
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 13 05:59:15 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.02 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

Instrument :

BNA_N

ClientSampleId :

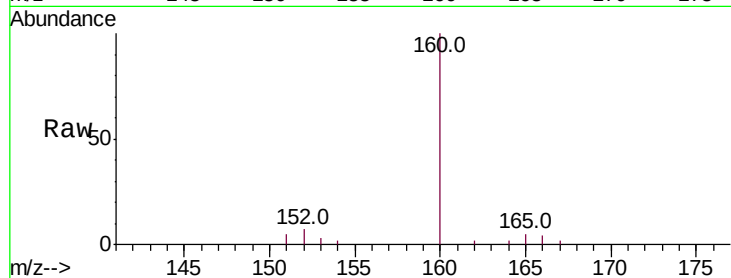
Tot Ion:152 Resp: 410

Ion Ratio Lower Upper

152 100

151 76.9 16.5 24.7#

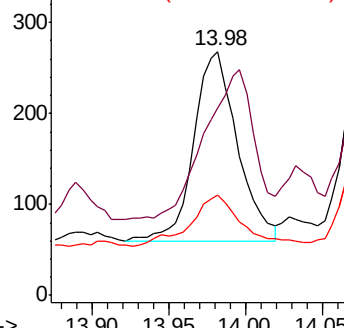
153 41.4 11.4 17.2#



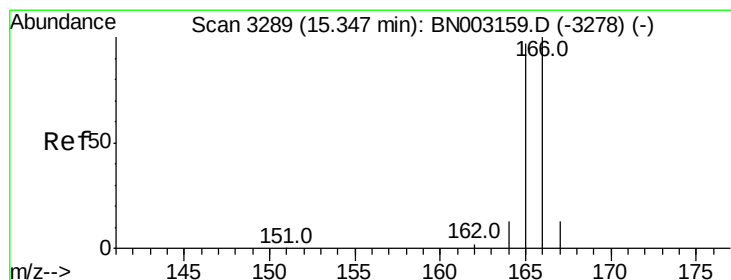
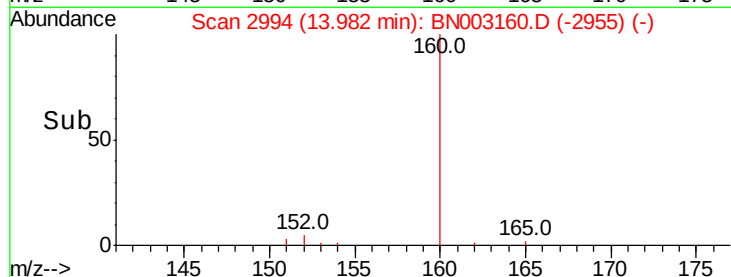
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.02 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

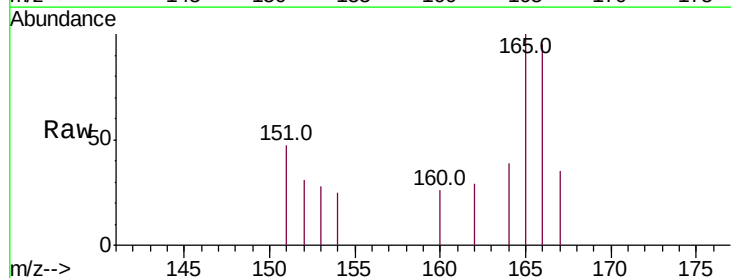
Tgt Ion:166 Resp: 301

Ion Ratio Lower Upper

166 100

165 105.3 78.5 117.7

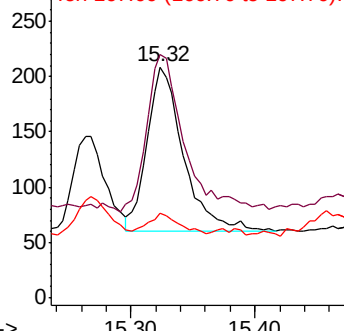
167 36.4 11.6 17.4#



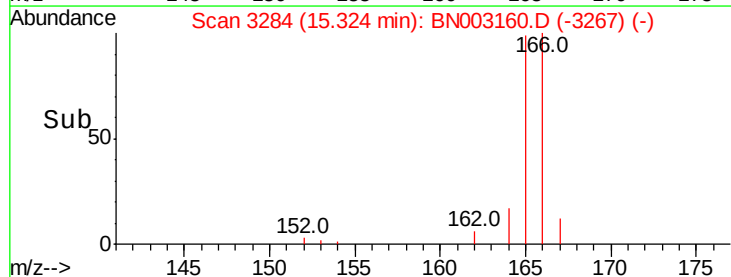
Abundance Ion 166.00 (165.70 to 166.70): E

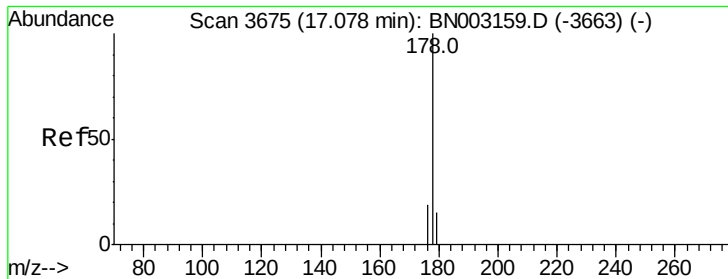
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.252 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

Instrument :

BNA_N

ClientSampleId :

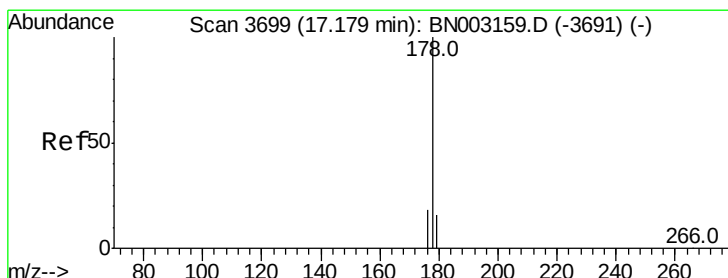
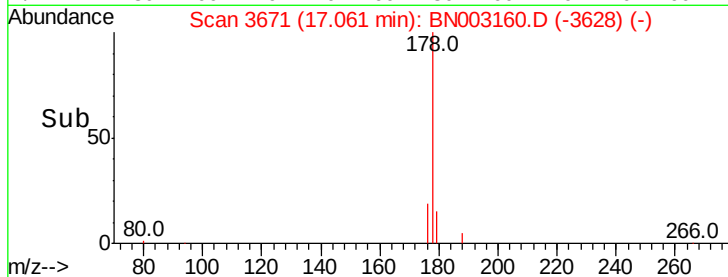
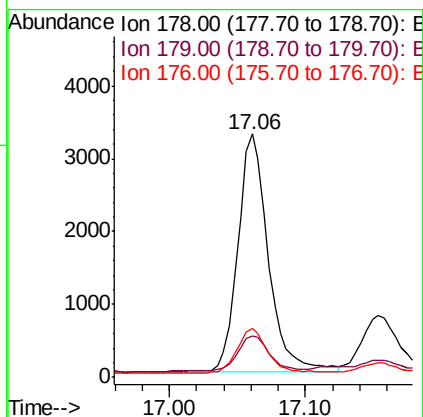
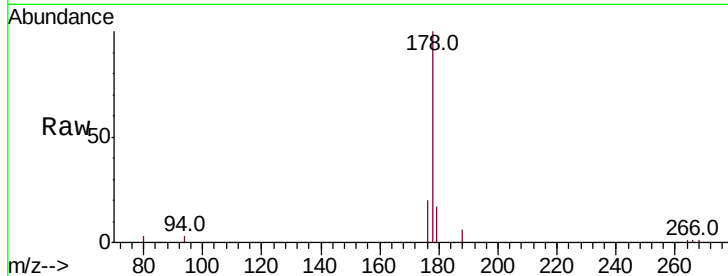
Tot Ion:178 Resp: 5082

Ion Ratio Lower Upper

178 100

179 17.1 12.9 19.3

176 20.0 15.4 23.2



#13

Anthracene

Concen: 0.077 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

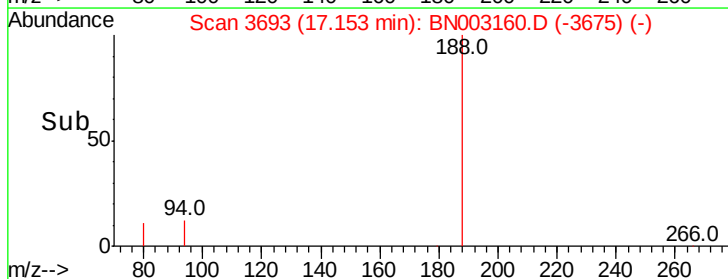
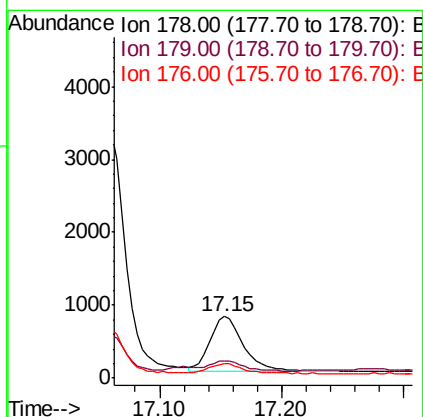
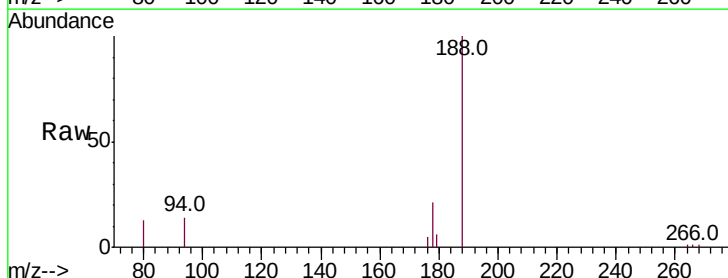
Tgt Ion:178 Resp: 1463

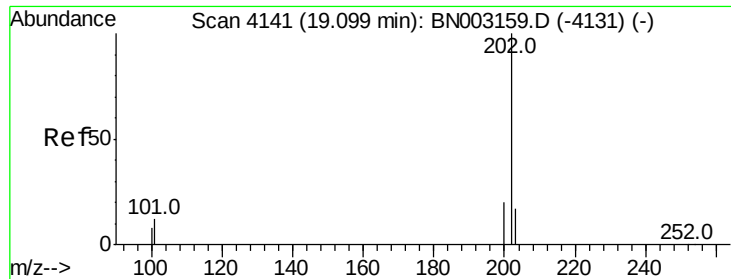
Ion Ratio Lower Upper

178 100

179 28.4 13.0 19.6#

176 24.0 15.3 22.9#





#15

Fluoranthene

Concen: 0.443 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

Instrument :

BNA_N

ClientSampleId :

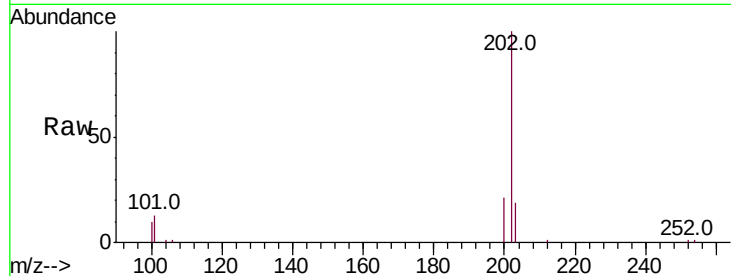
Tot Ion:202 Resp: 10487

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.3

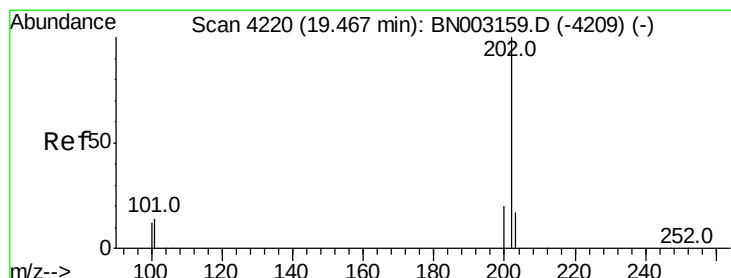
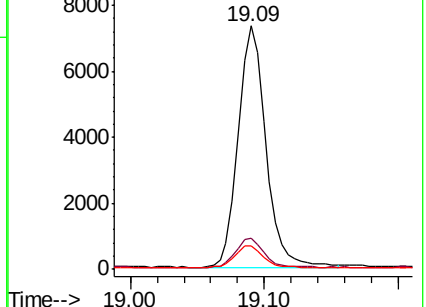
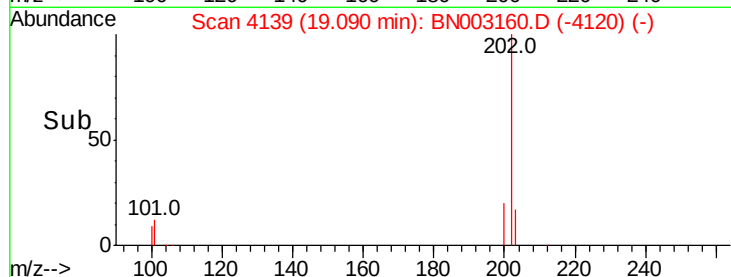
100 9.9 0.0 29.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.410 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

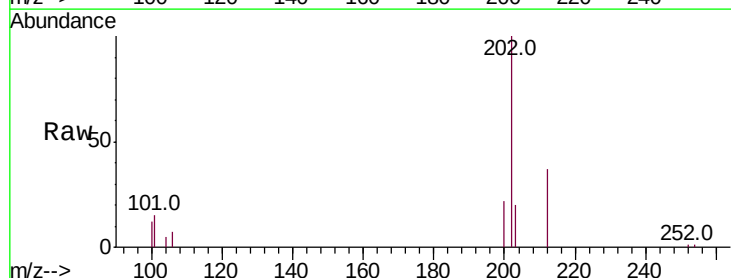
Tgt Ion:202 Resp: 9898

Ion Ratio Lower Upper

202 100

101 14.6 11.9 17.9

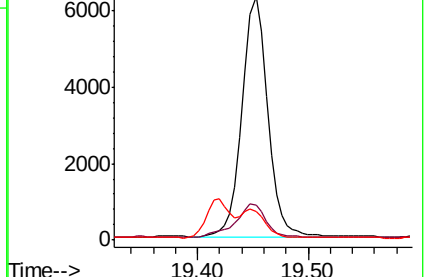
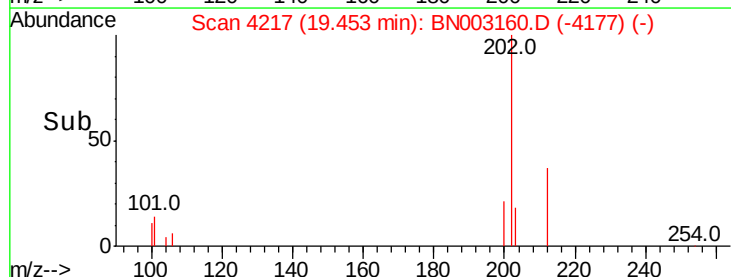
100 11.8 9.9 14.9

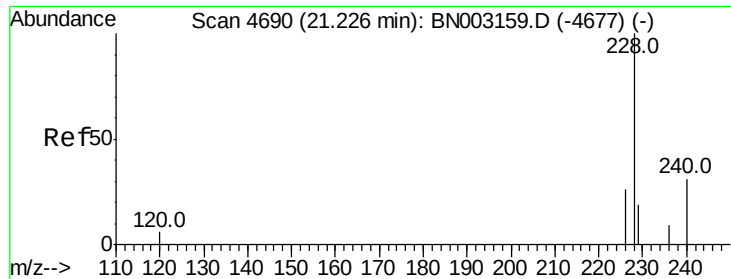


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.245 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. 0.05 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

Instrument :

BNA_N

ClientSampleId :

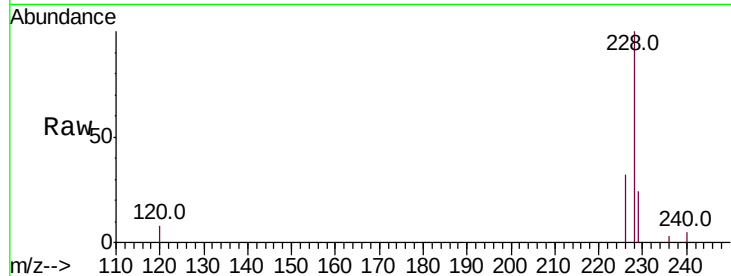
Tot Ion:228 Resp: 4905

Ion Ratio Lower Upper

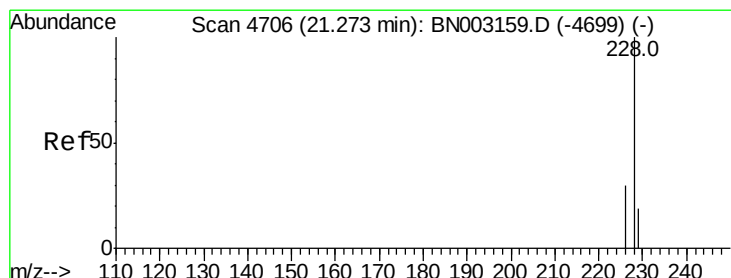
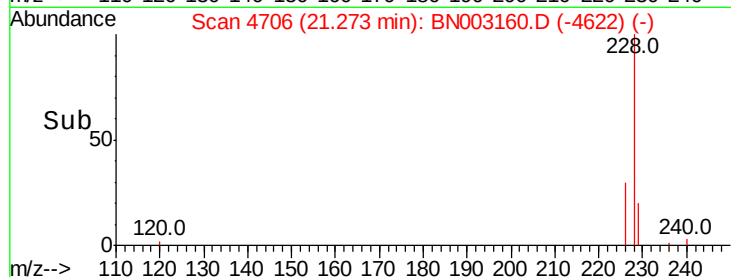
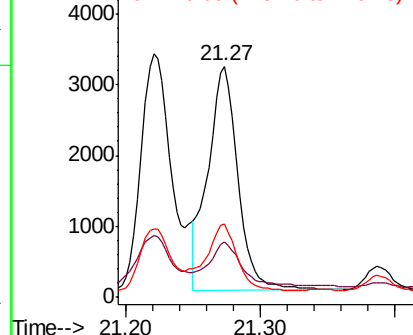
228 100

229 23.9 16.2 24.2

226 31.7 22.3 33.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.241 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

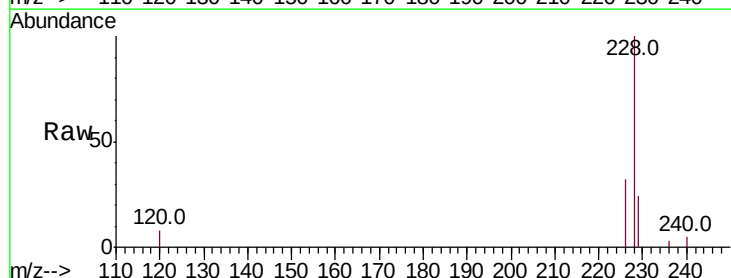
Tgt Ion:228 Resp: 4902

Ion Ratio Lower Upper

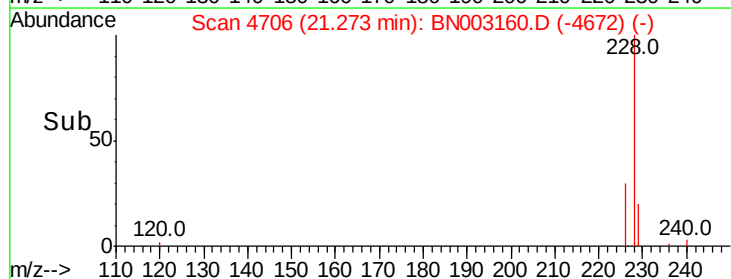
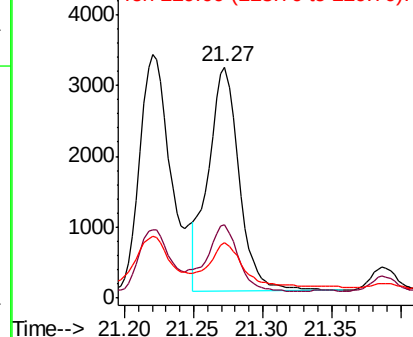
228 100

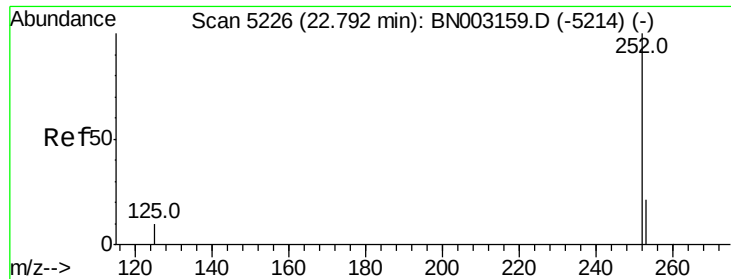
226 31.7 24.2 36.4

229 23.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.451 ng/ul

RT: 22.79 min Scan# 5226

Delta R.T. -0.00 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

Instrument :

BNA_N

ClientSampleId :

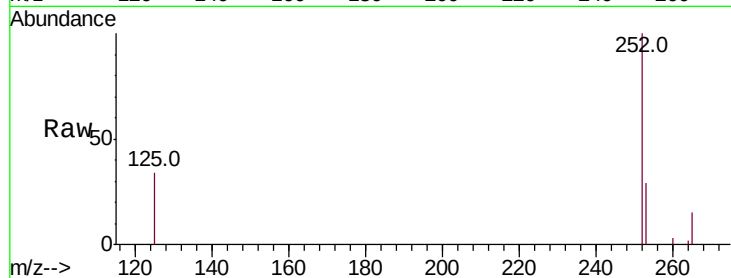
Tot Ion:252 Resp: 8468

Ion Ratio Lower Upper

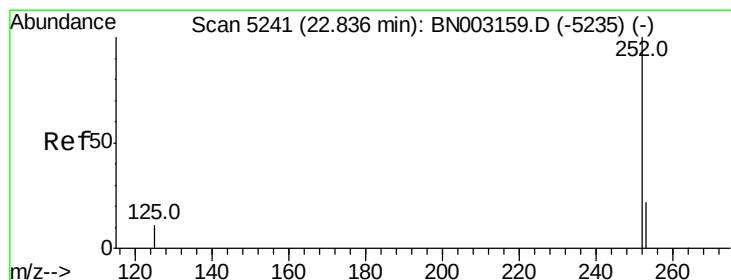
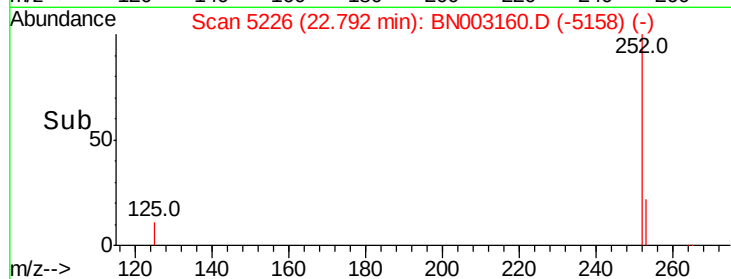
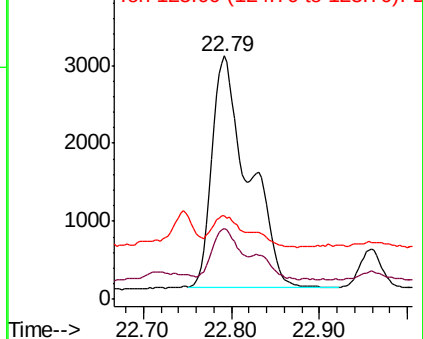
252 100

253 29.0 0.0 53.2

125 34.1 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: 0.435 ng/ul

RT: 22.79 min Scan# 5226

Delta R.T. -0.04 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

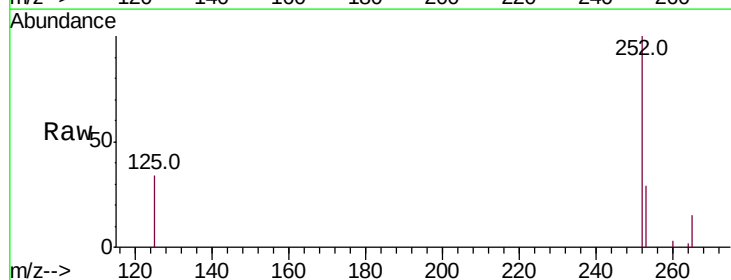
Tgt Ion:252 Resp: 8468

Ion Ratio Lower Upper

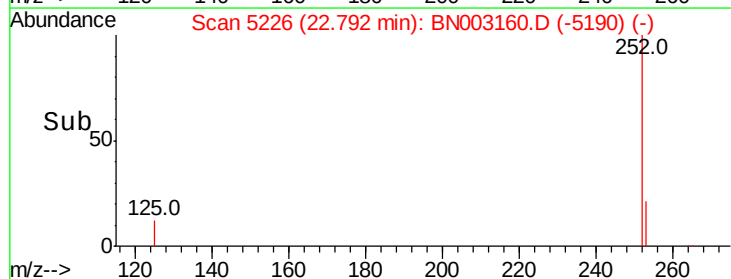
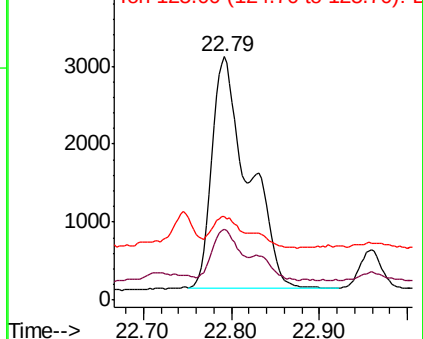
252 100

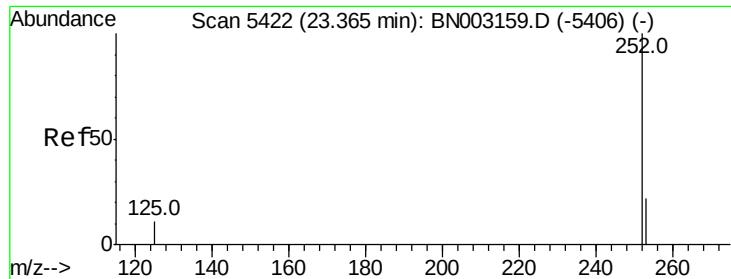
253 29.0 21.3 31.9

125 34.1 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: 0.249 ng/ul

RT: 23.35 min Scan# 5416

Delta R.T. -0.02 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

Instrument :

BNA_N

ClientSampled :

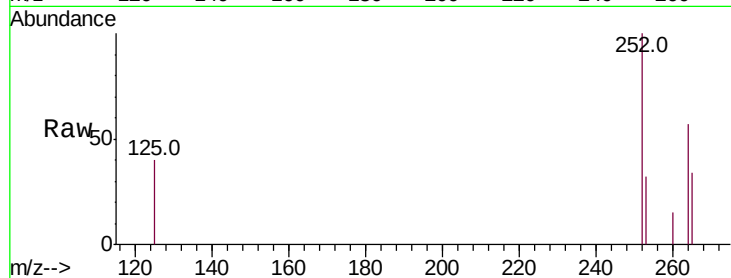
Tot Ion:252 Resp: 4190

Ion Ratio Lower Upper

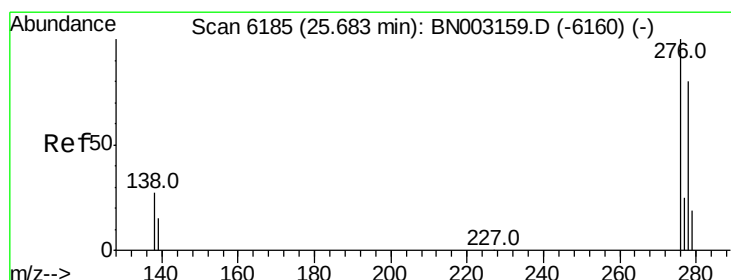
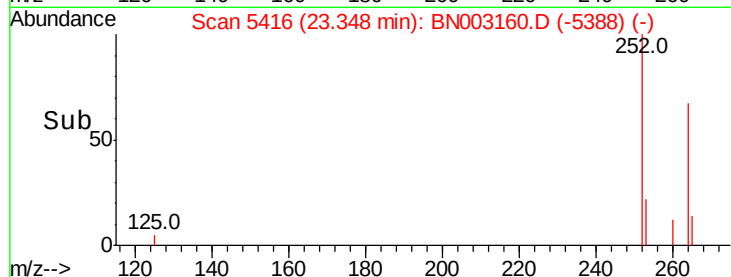
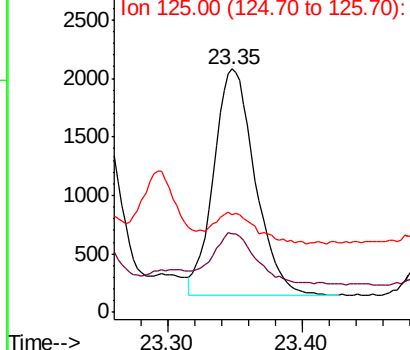
252 100

253 32.4 23.1 34.7

125 40.4 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: 0.146 ng/ul

RT: 25.68 min Scan# 6184

Delta R.T. -0.00 min

Lab File: BN003160.D

Acq: 13 Oct 2018 03:43

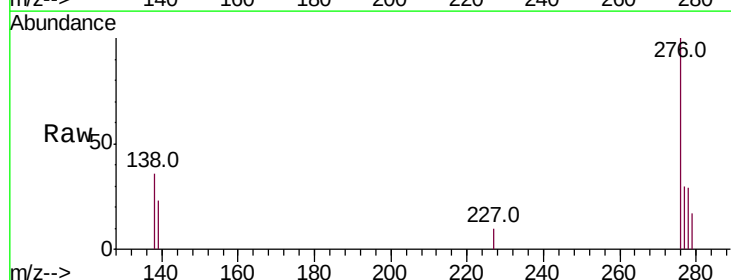
Tgt Ion:276 Resp: 2831

Ion Ratio Lower Upper

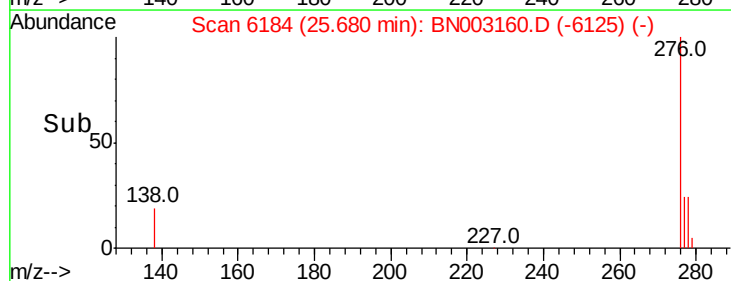
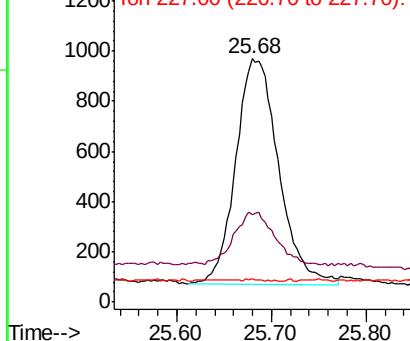
276 100

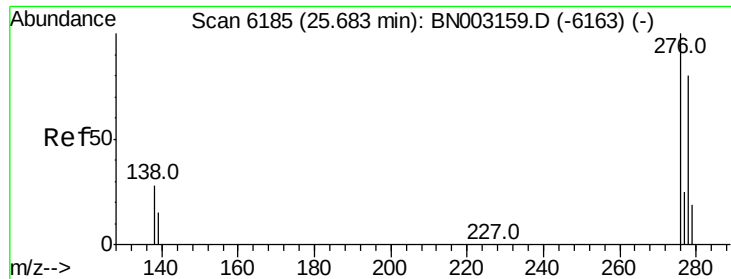
138 22.9 21.5 32.3

227 0.4 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



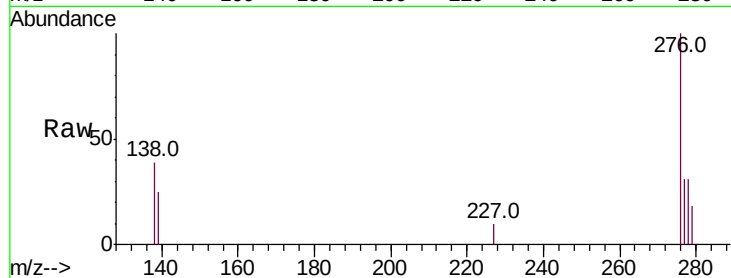


#25

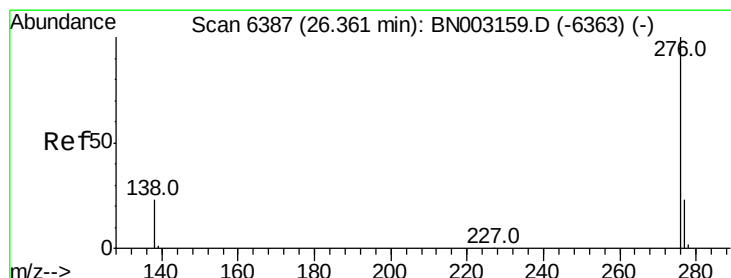
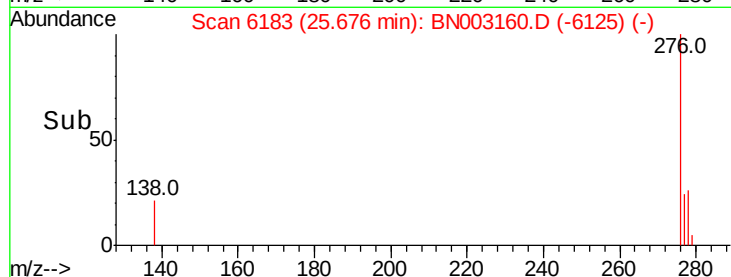
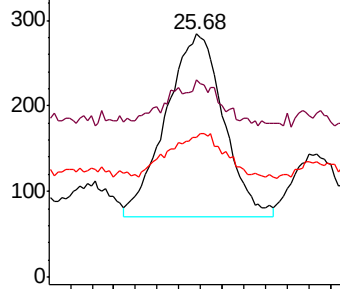
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.68 min Scan# 6183
Delta R.T. -0.01 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 789
Ion Ratio Lower Upper
278 100
139 81.3 20.2 30.4#
279 57.4 23.8 35.8#



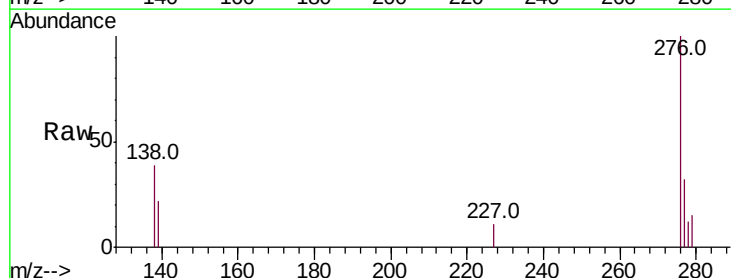
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.36 min Scan# 6387
Delta R.T. -0.00 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:276 Resp: 2471
Ion Ratio Lower Upper
276 100
138 39.0 23.0 34.4#
277 31.9 22.0 33.0



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

