

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003081.D
 Acq On : 11 Oct 2018 01:12
 Operator : MJ/SJ
 Sample : J5157-12DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 08:13:29 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

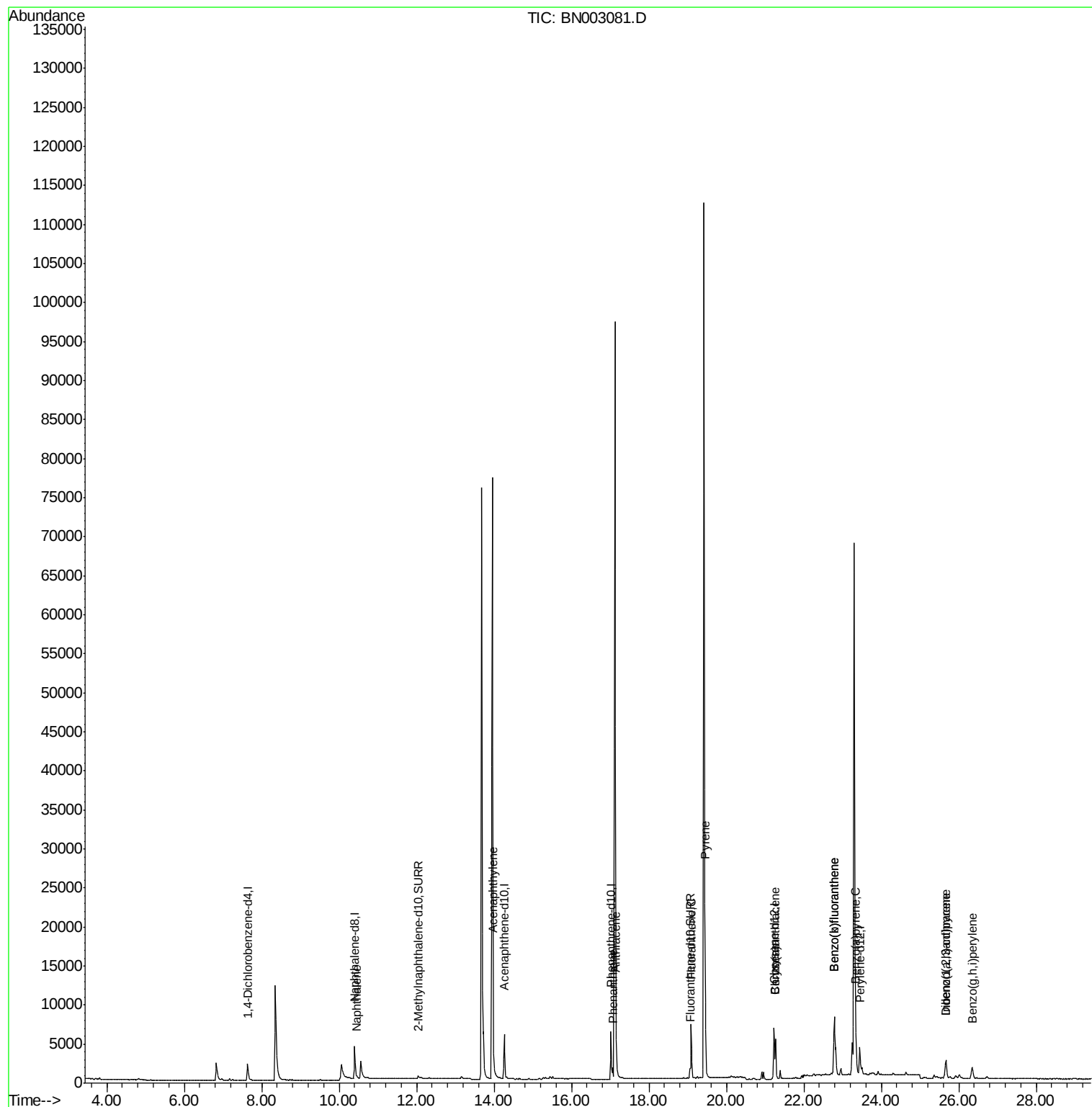
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1501	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6116	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3432	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7236	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4853	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4871	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	756	0.08	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	1641	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	324	0.021	ng/ul#	53
7) Acenaphthylene	13.98	152	758	0.048	ng/ul#	78
12) Phenanthrene	17.06	178	1660	0.082	ng/ul#	92
13) Anthracene	17.15	178	1427	0.075	ng/ul#	88
15) Fluoranthene	19.09	202	6459	0.273	ng/ul	99
17) Pyrene	19.45	202	11284	0.599	ng/ul	99
18) Benzo(a)anthracene	21.27	228	5675	0.363	ng/ul	93
19) Chrysene	21.27	228	5693	0.359	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	15933	0.908	ng/ul	96
22) Benzo(k)fluoranthene	22.78	252	15944	0.877	ng/ul	95
23) Benzo(a)pyrene	23.34	252	6291	0.400	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.67	276	3950	0.219	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	1137	0.079	ng/ul#	65
26) Benzo(g,h,i)perylene	26.34	276	3187	0.209	ng/ul	94

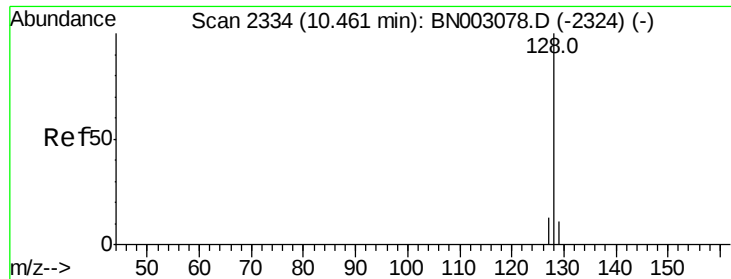
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

ClientSampleId :

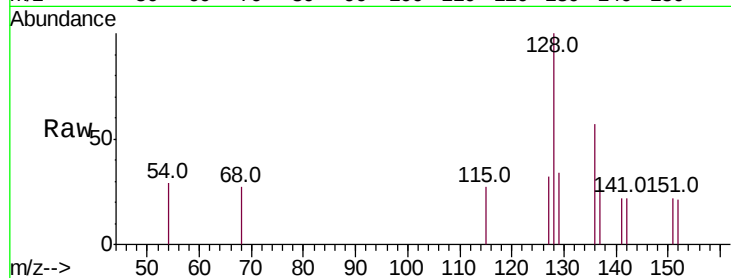
Tot Ion:128 Resp: 324

Ion Ratio Lower Upper

128 100

129 33.9 10.4 15.6#

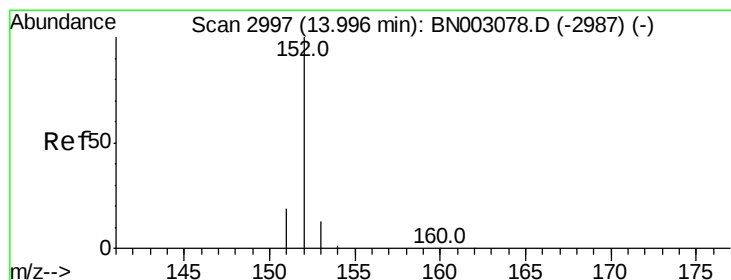
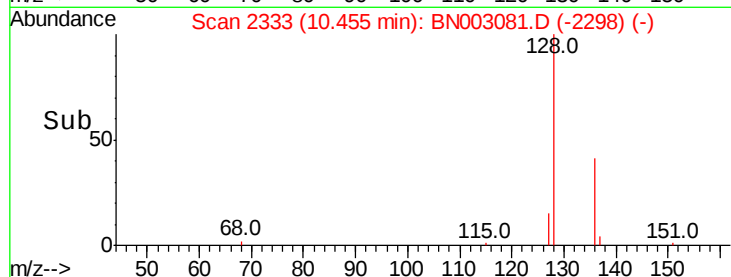
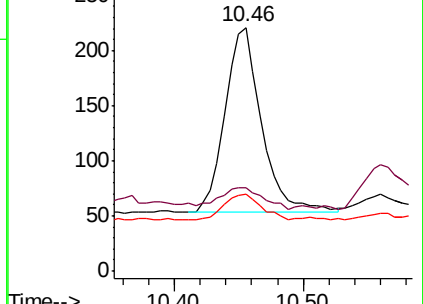
127 31.7 11.7 17.5#



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: 0.048 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

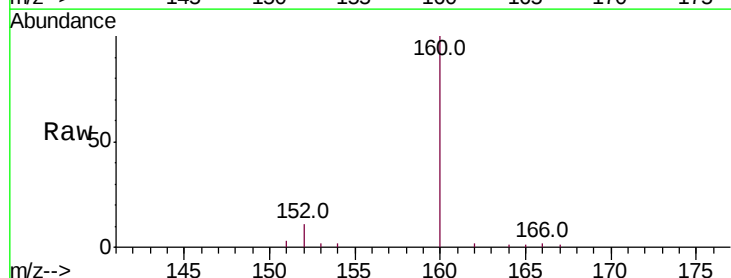
Tgt Ion:152 Resp: 758

Ion Ratio Lower Upper

152 100

151 31.1 16.5 24.7#

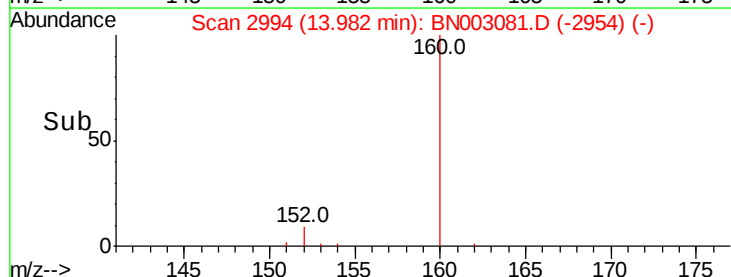
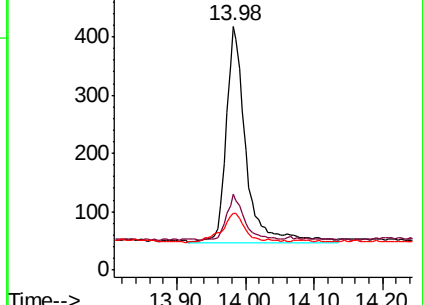
153 23.2 11.4 17.2#

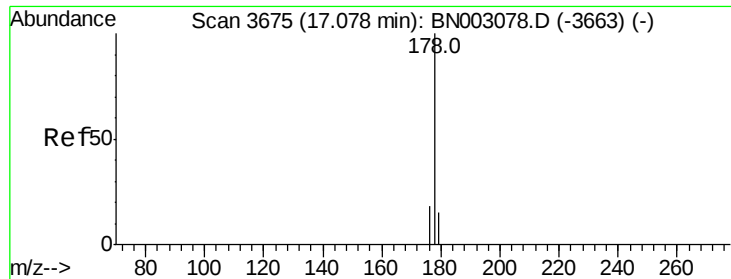


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.082 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

ClientSampled :

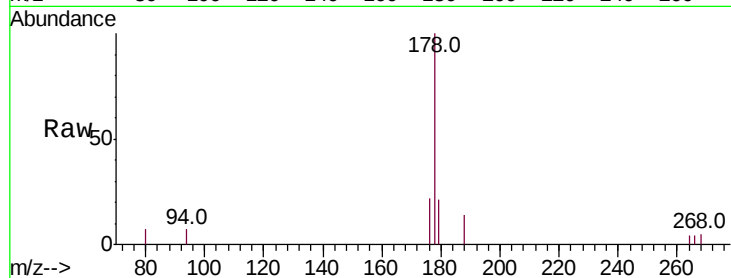
Tot Ion:178 Resp: 1660

Ion Ratio Lower Upper

178 100

179 21.0 12.9 19.3#

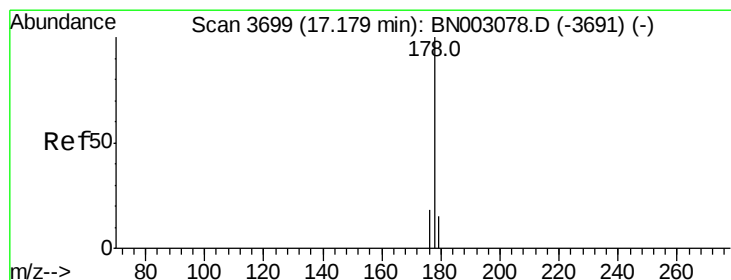
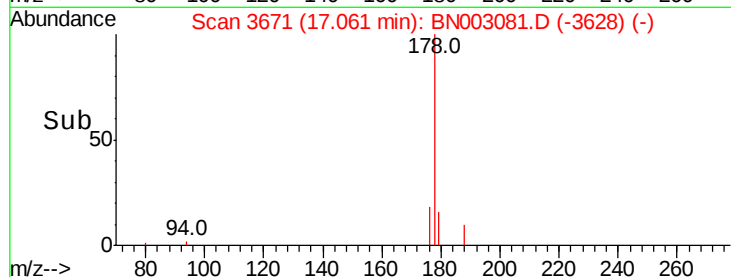
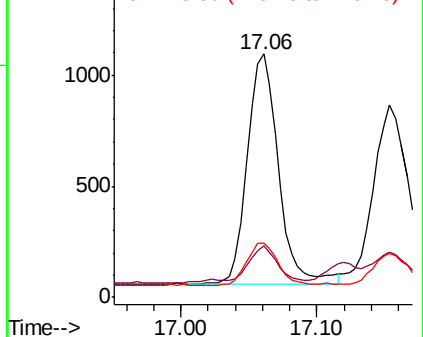
176 22.0 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.075 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

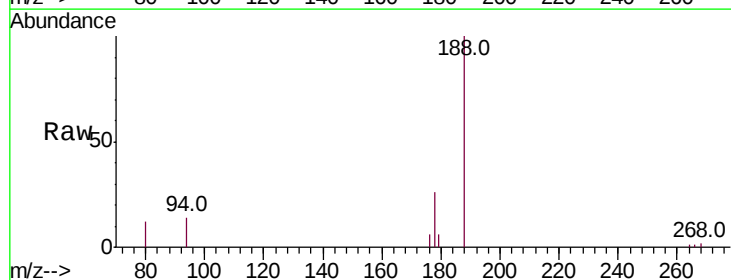
Tgt Ion:178 Resp: 1427

Ion Ratio Lower Upper

178 100

179 23.2 13.0 19.6#

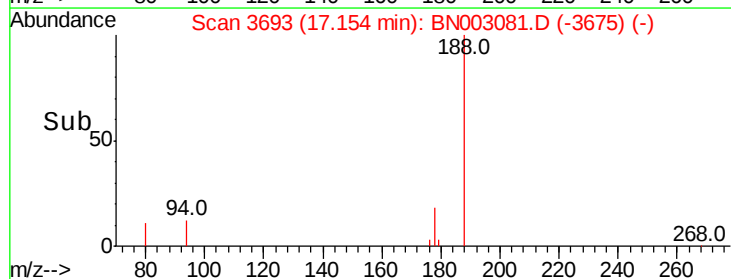
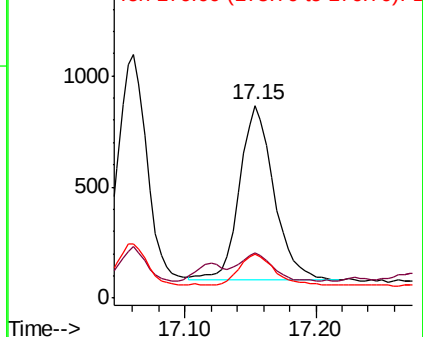
176 22.6 15.3 22.9

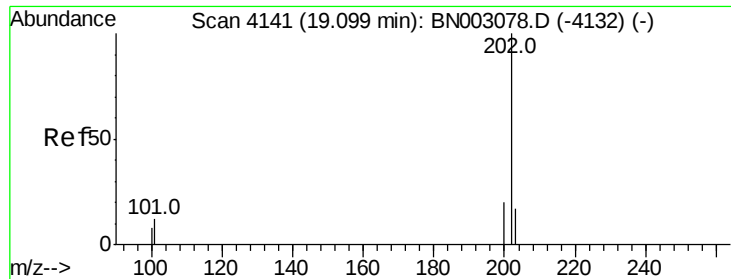


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.273 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

ClientSampleId :

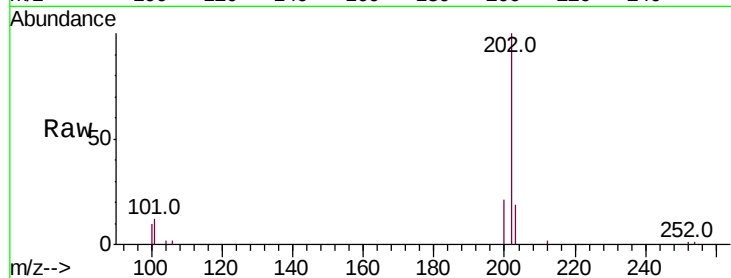
Tot Ion:202 Resp: 6459

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.3

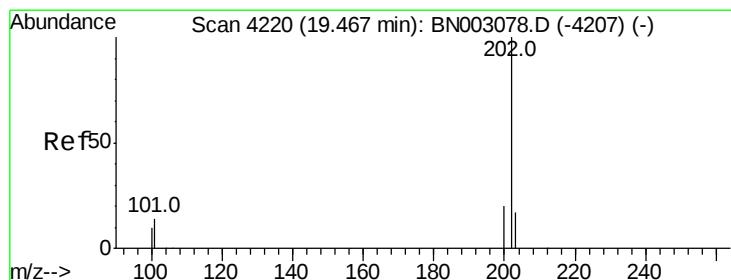
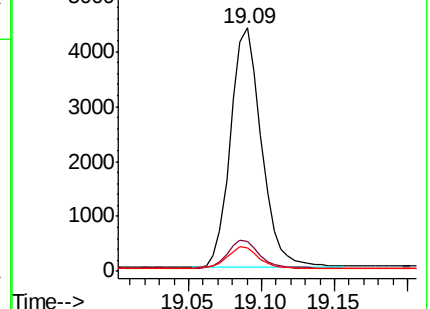
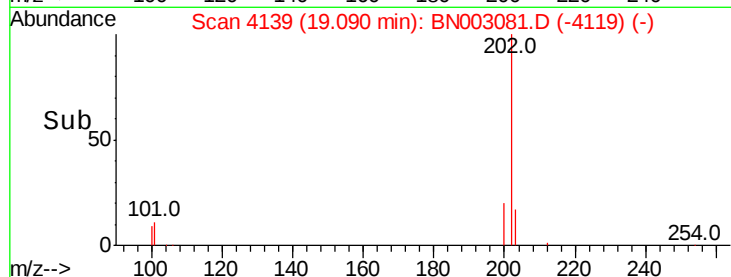
100 9.6 0.0 29.1



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: 0.599 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

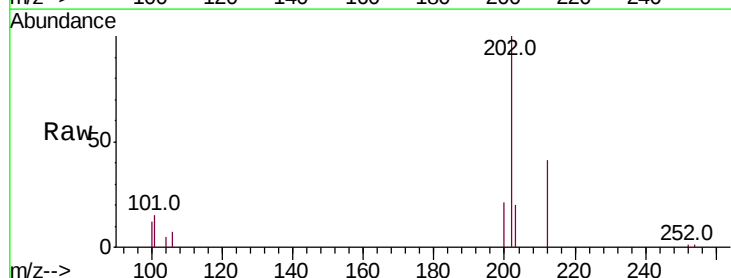
Tgt Ion:202 Resp: 11284

Ion Ratio Lower Upper

202 100

101 15.3 11.9 17.9

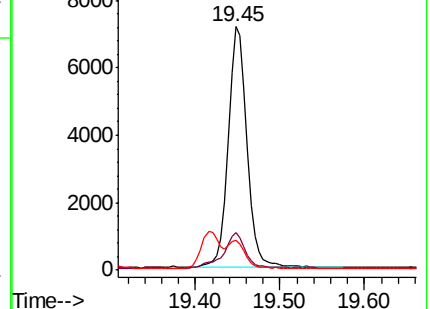
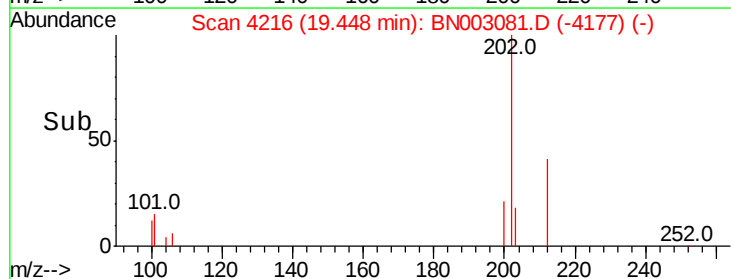
100 12.4 9.9 14.9

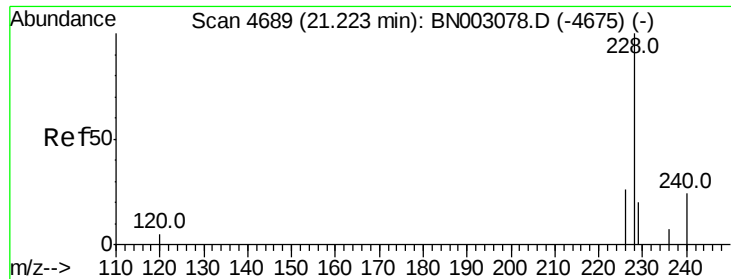


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

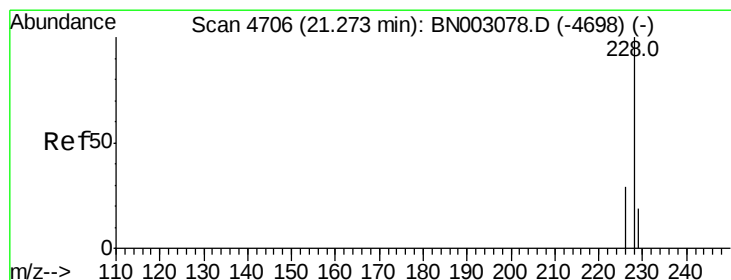
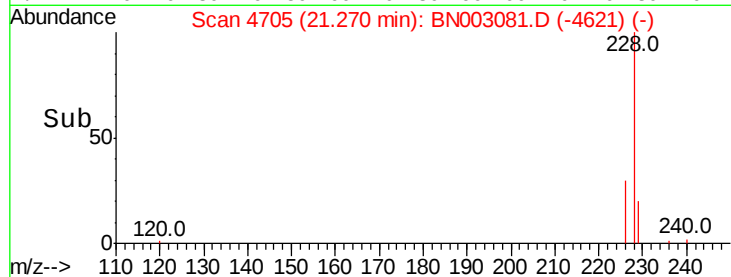
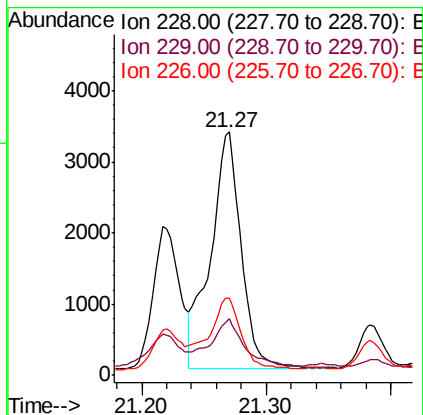
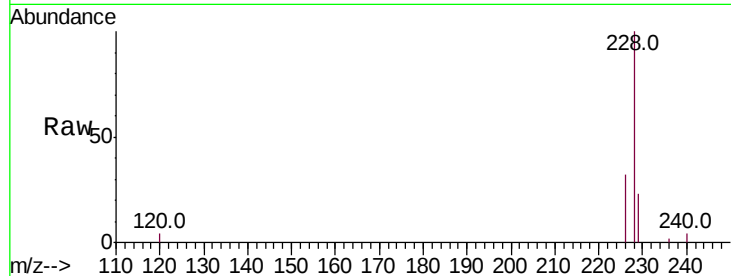




#18
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. 0.05 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

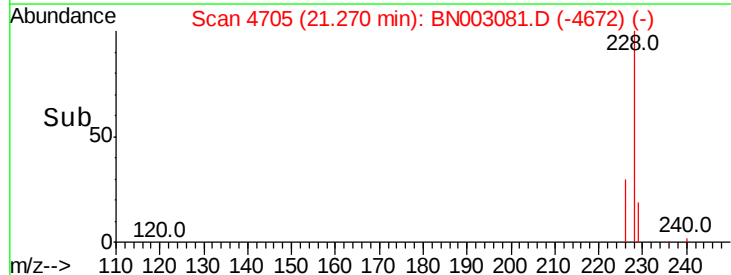
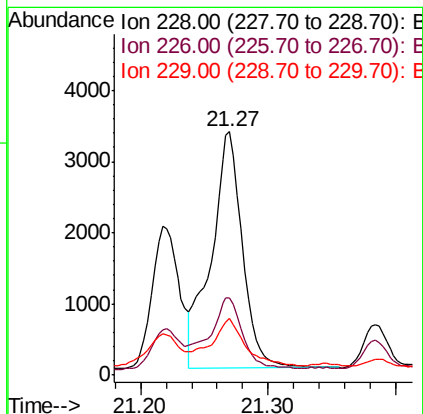
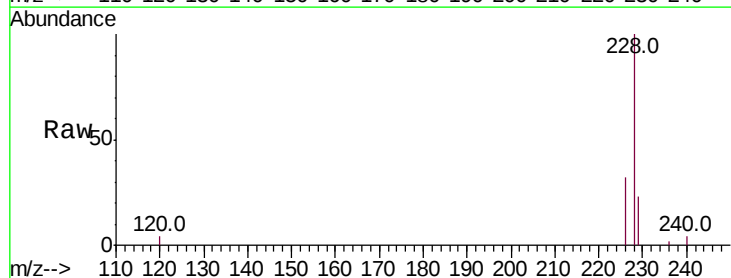
Instrument :
BNA_N
ClientSampleId :

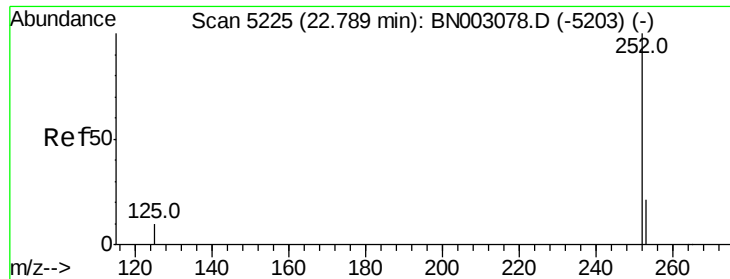
Tot Ion:228 Resp: 5675
Ion Ratio Lower Upper
228 100
229 23.0 16.2 24.2
226 31.7 22.3 33.5



#19
Chrysene
Concen: 0.359 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Tgt Ion:228 Resp: 5693
Ion Ratio Lower Upper
228 100
226 31.7 24.2 36.4
229 23.0 16.7 25.1





#21

Benzo(b)fluoranthene

Concen: 0.908 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

ClientSampleId :

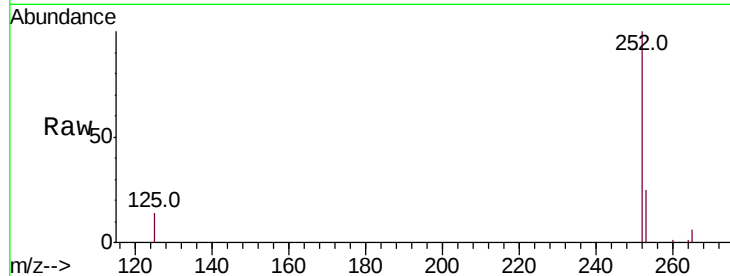
Tot Ion:252 Resp: 15933

Ion Ratio Lower Upper

252 100

253 25.0 0.0 53.2

125 14.3 0.0 34.2

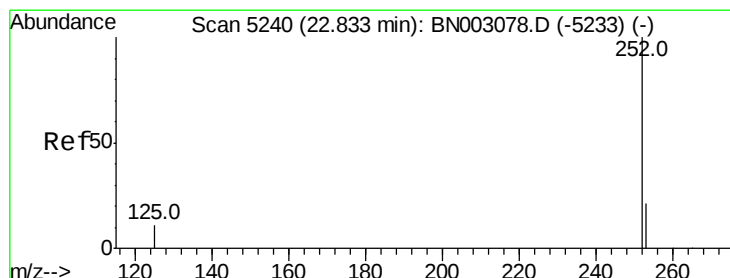
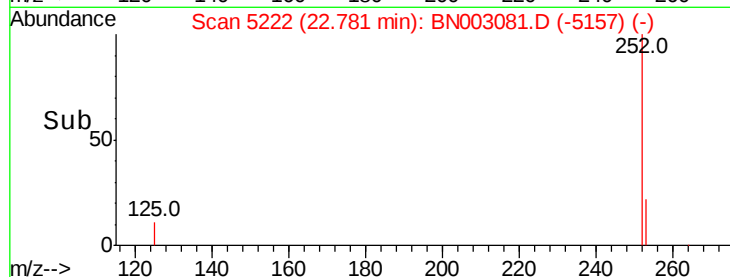
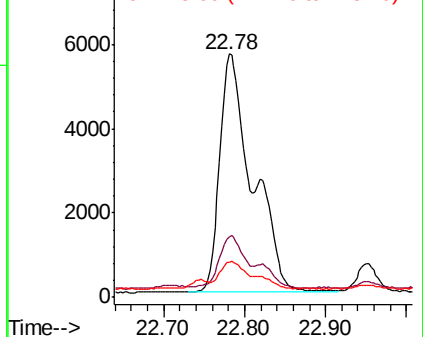


Abundance

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: 0.877 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.05 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

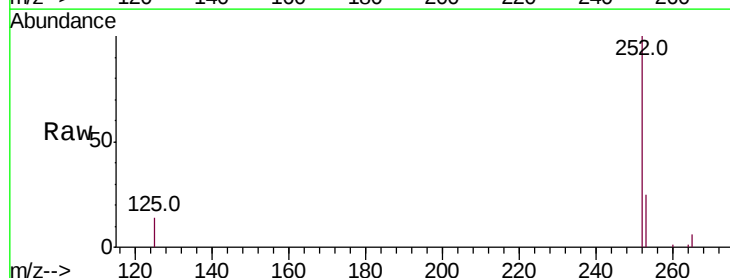
Tgt Ion:252 Resp: 15944

Ion Ratio Lower Upper

252 100

253 25.0 21.3 31.9

125 14.3 14.1 21.1

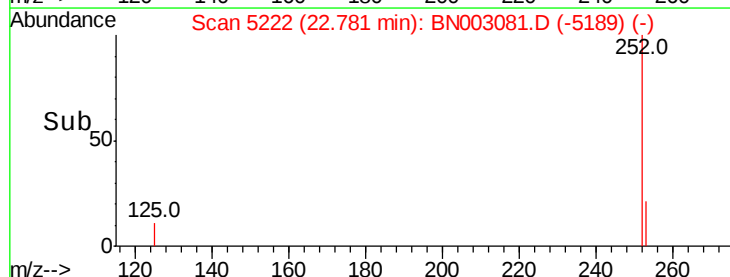
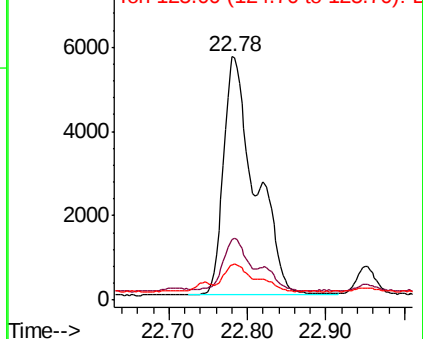


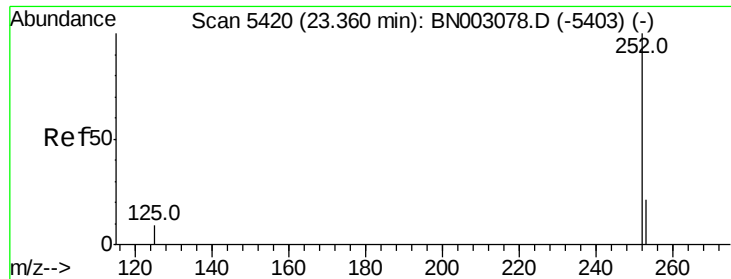
Abundance

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: 0.400 ng/ul

RT: 23.34 min Scan# 5414

Delta R.T. -0.02 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

ClientSampleId :

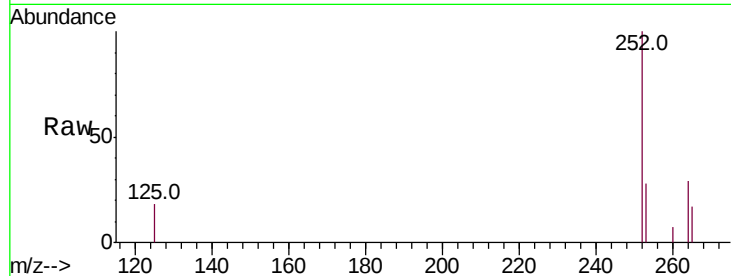
Tot Ion:252 Resp: 6291

Ion Ratio Lower Upper

252 100

253 28.1 23.1 34.7

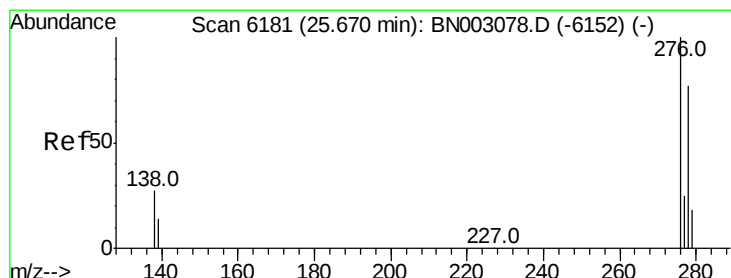
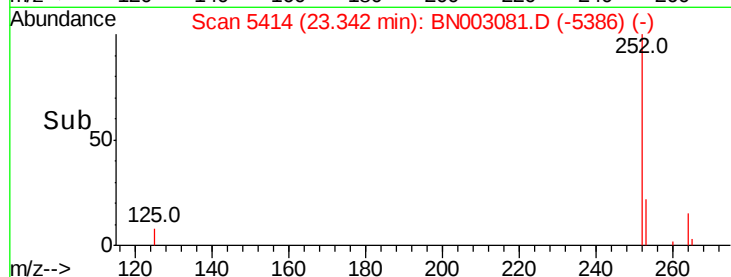
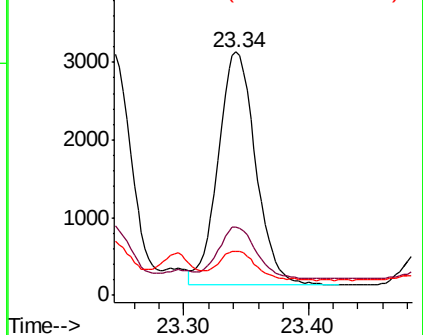
125 17.8 16.9 25.3



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: 0.219 ng/ul

RT: 25.67 min Scan# 6180

Delta R.T. -0.00 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

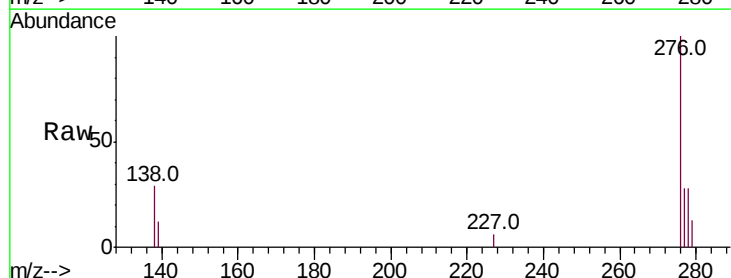
Tgt Ion:276 Resp: 3950

Ion Ratio Lower Upper

276 100

138 23.6 21.5 32.3

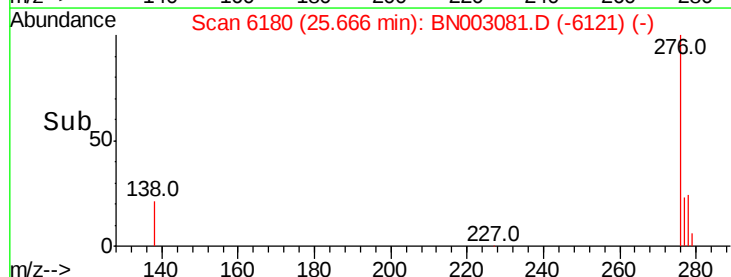
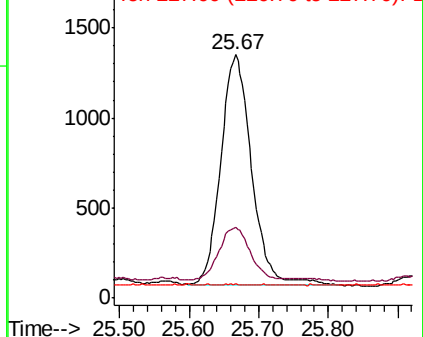
227 0.2 0.3 0.5#

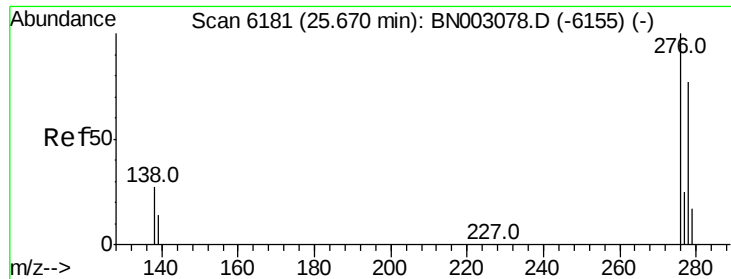


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

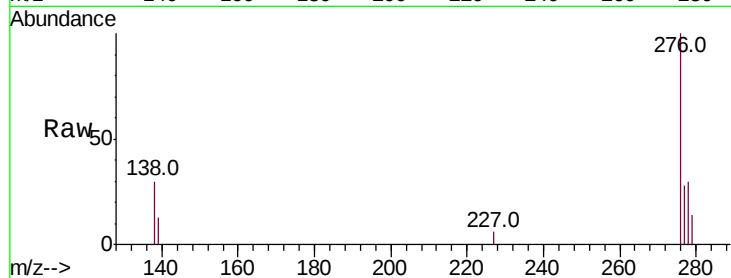




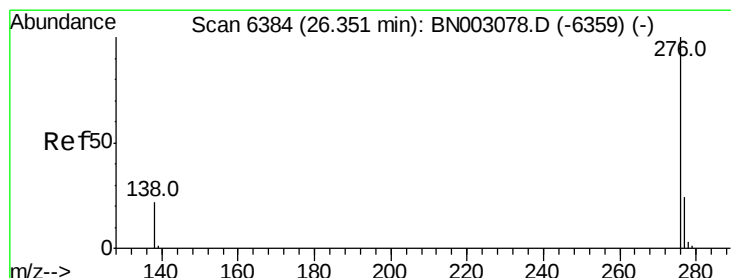
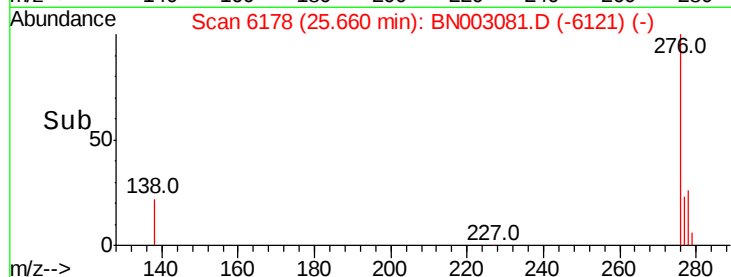
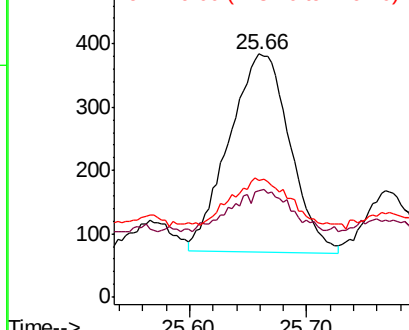
#25
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1137
Ion Ratio Lower Upper
278 100
139 44.0 20.2 30.4#
279 48.2 23.8 35.8#

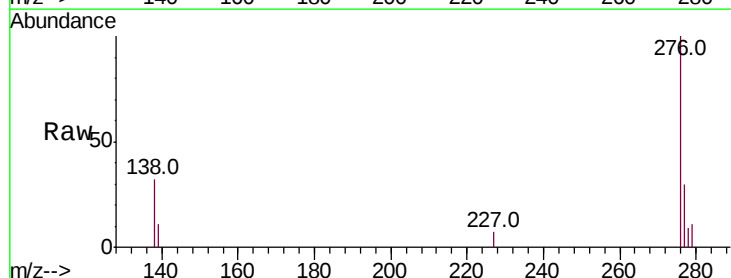


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.209 ng/ul
RT: 26.34 min Scan# 6382
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Tgt Ion:276 Resp: 3187
Ion Ratio Lower Upper
276 100
138 32.4 23.0 34.4
277 30.0 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

