

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006226.D
 Acq On : 10 Jun 2019 17:08
 Operator : JU/SJ
 Sample : K3016-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

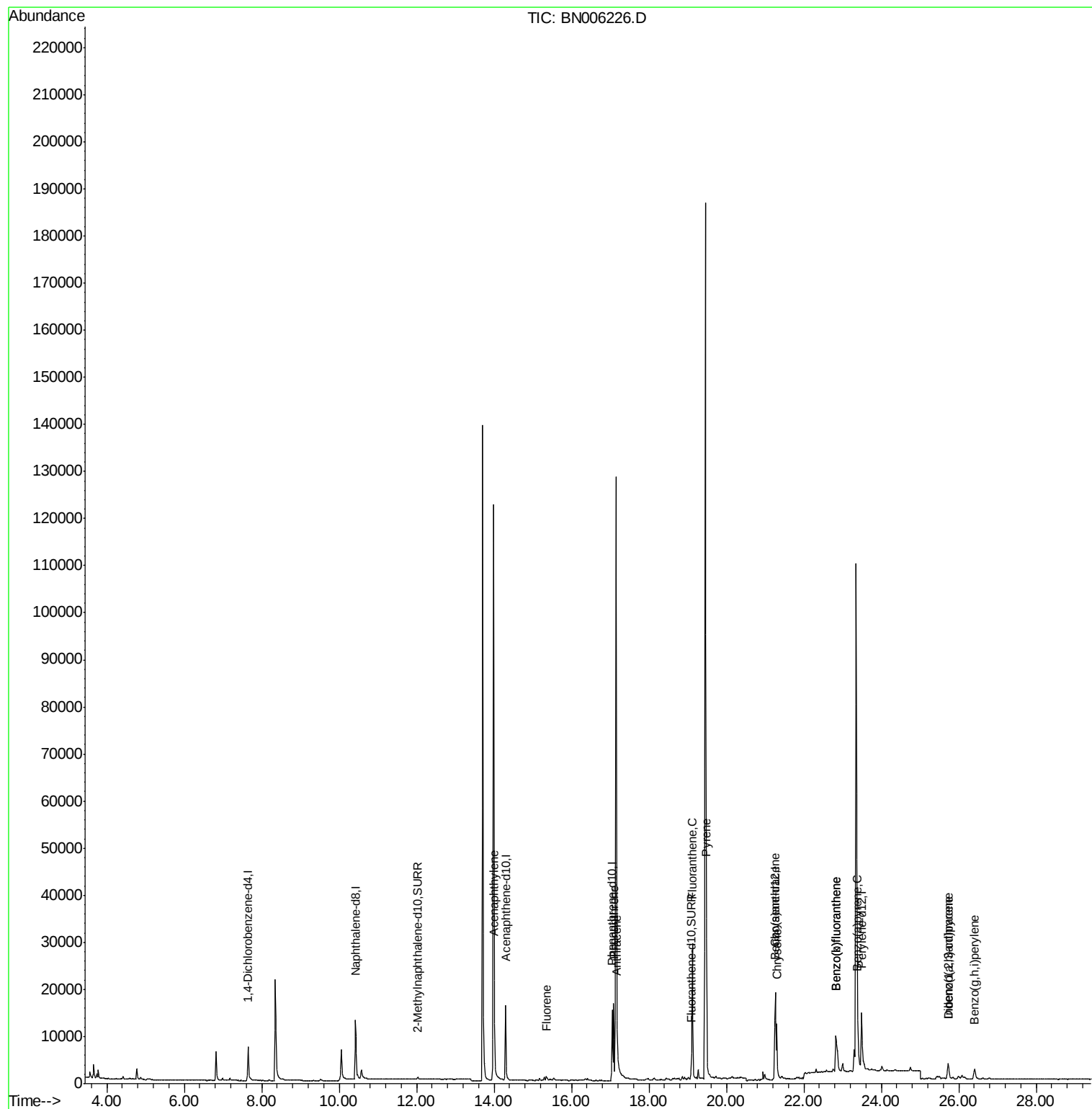
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18532	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14502	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	18586	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	984	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1955	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	4007	0.079	ng/ul	96
9) Fluorene	15.35	166	836	0.020	ng/ul#	89
12) Phenanthrene	17.09	178	18373	0.309	ng/ul	99
13) Anthracene	17.18	178	3741	0.066	ng/ul#	93
15) Fluoranthene	19.12	202	25974	0.395	ng/ul	99
17) Pyrene	19.48	202	26187	0.343	ng/ul	99
18) Benzo(a)anthracene	21.25	228	10362	0.162	ng/ul	96
19) Chrysene	21.30	228	11556	0.192	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	18407	0.238	ng/ul	93
22) Benzo(k)fluoranthene	22.83	252	18407	0.244	ng/ul#	90
23) Benzo(a)pyrene	23.39	252	7928	0.110	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.73	276	5648	0.072	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.73	278	1457	0.023	ng/ul#	50
26) Benzo(g,h,i)perylene	26.41	276	4870	0.074	ng/ul	94

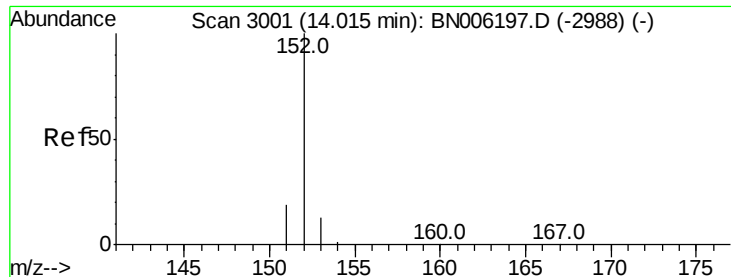
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006226.D
Acq On : 10 Jun 2019 17:08
Operator : JU/SJ
Sample : K3016-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 11 00:18:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

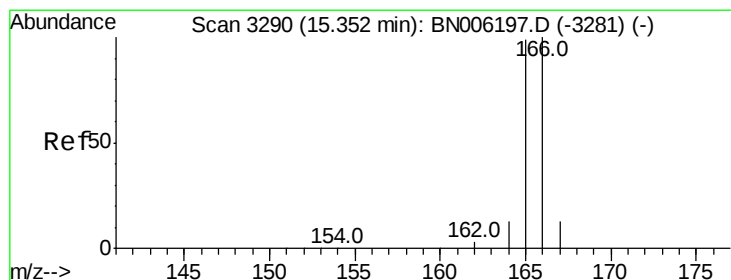
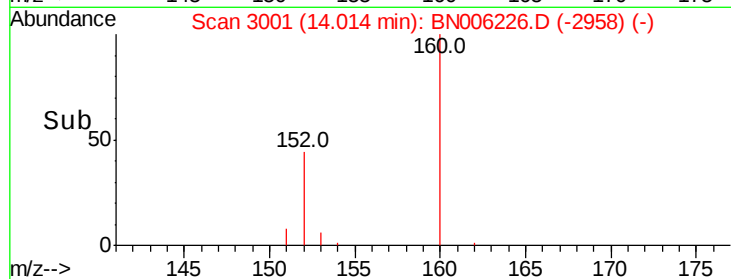
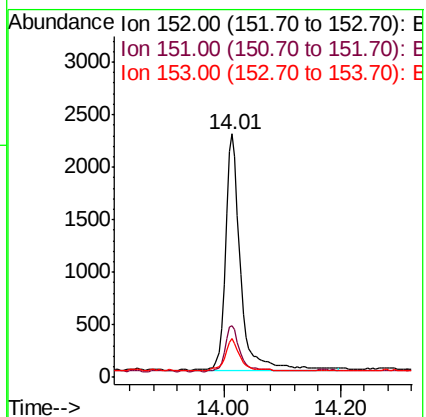
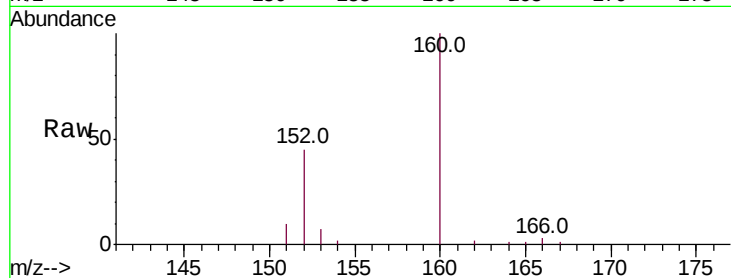
Tot Ion:152 Resp: 4007

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.8

153 15.8 10.8 16.2



#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

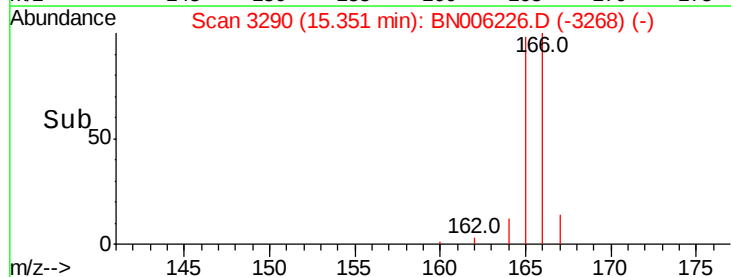
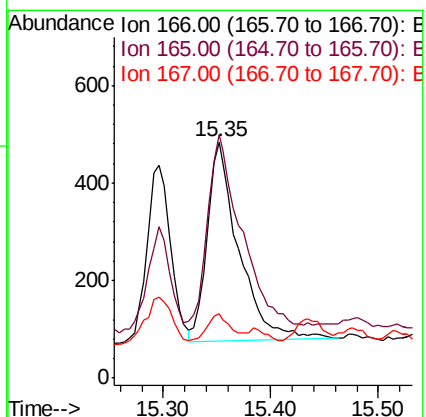
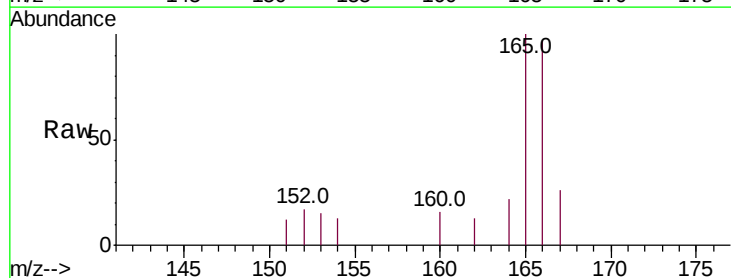
Tgt Ion:166 Resp: 836

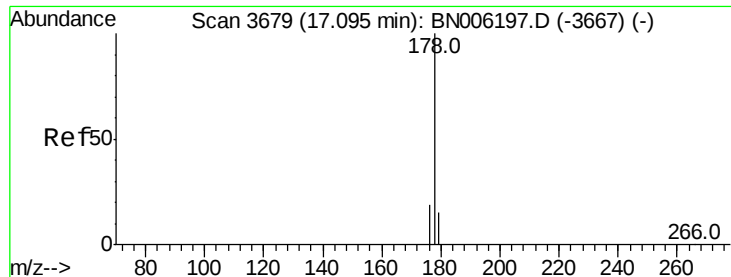
Ion Ratio Lower Upper

166 100

165 102.9 76.4 114.6

167 27.0 11.0 16.6#





#12

Phenanthrene

Concen: 0.309 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

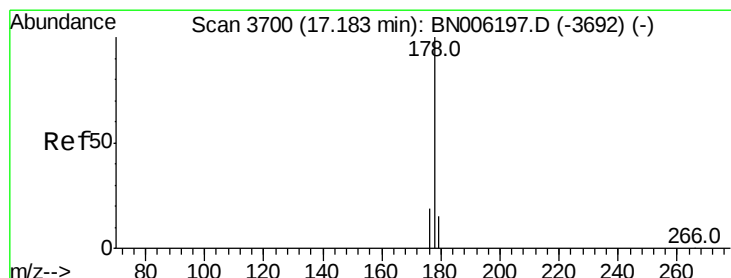
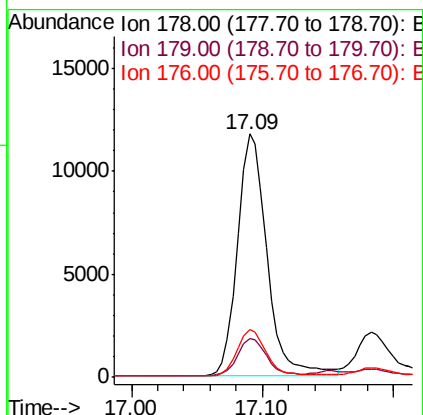
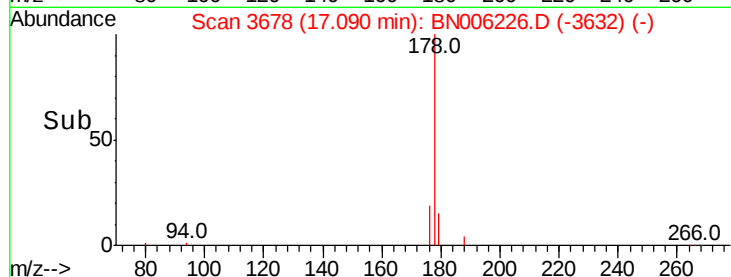
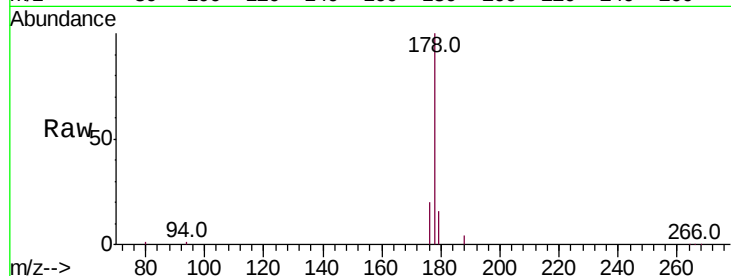
Tot Ion:178 Resp: 18373

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.8 15.3 22.9



#13

Anthracene

Concen: 0.066 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

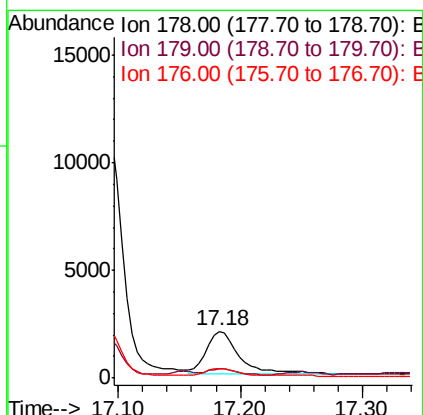
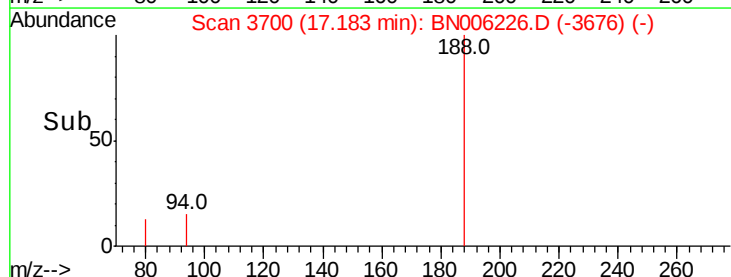
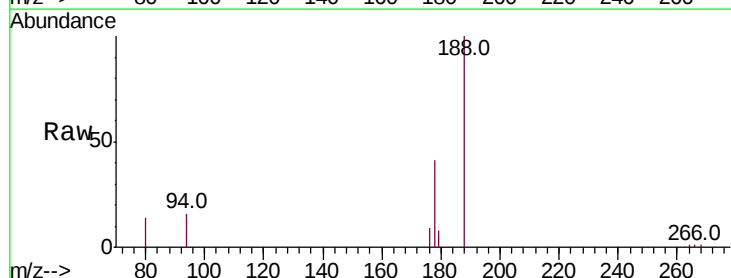
Tgt Ion:178 Resp: 3741

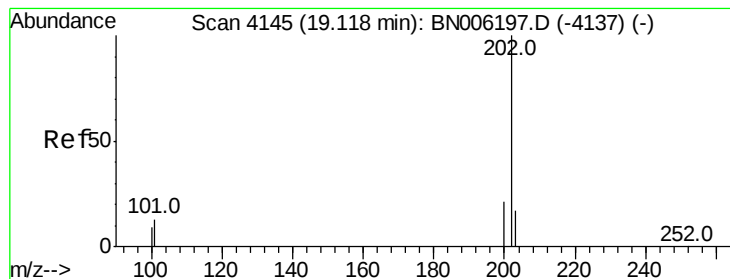
Ion Ratio Lower Upper

178 100

179 19.2 12.2 18.4#

176 21.2 15.1 22.7





#15

Fluoranthene

Concen: 0.395 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

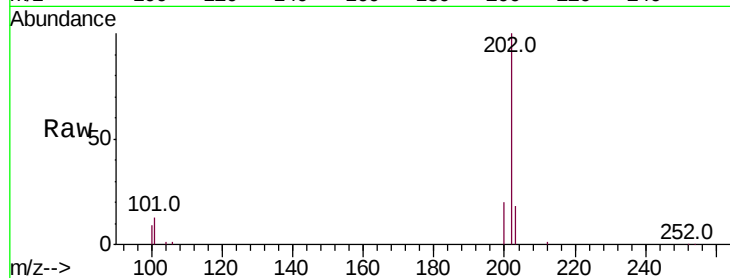
Tot Ion:202 Resp: 25974

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.1

100 9.0 0.0 28.7

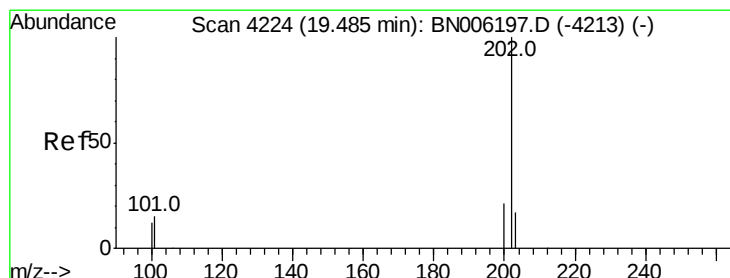
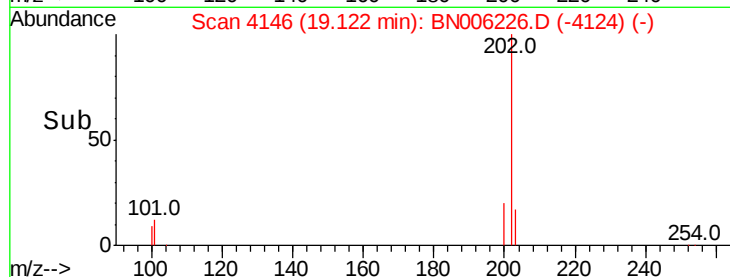
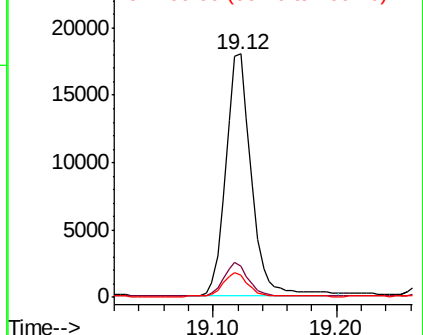


Abundance

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: 0.343 ng/ul

RT: 19.48 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

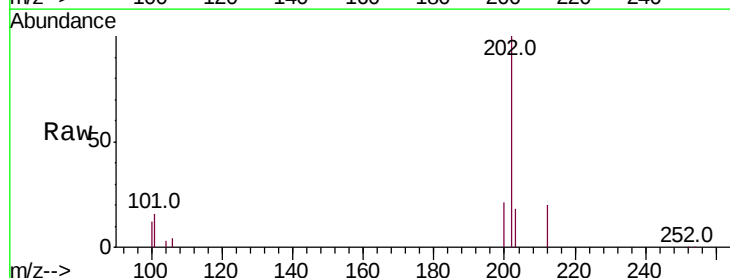
Tgt Ion:202 Resp: 26187

Ion Ratio Lower Upper

202 100

101 15.7 12.2 18.2

100 12.4 9.8 14.6

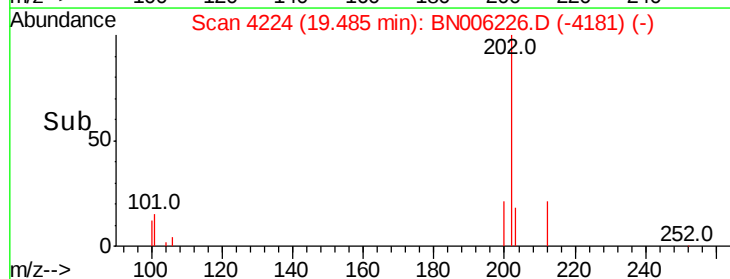
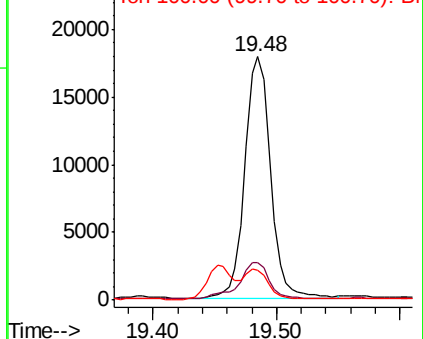


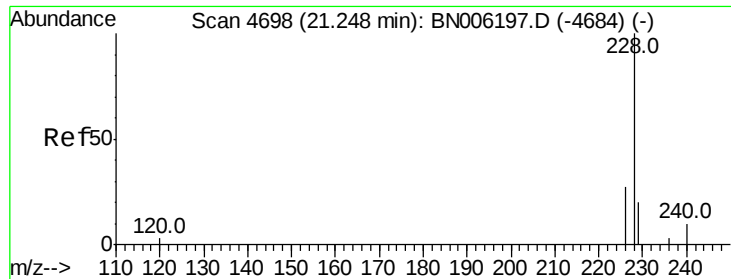
Abundance

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: 0.162 ng/ul

RT: 21.25 min Scan# 4697

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

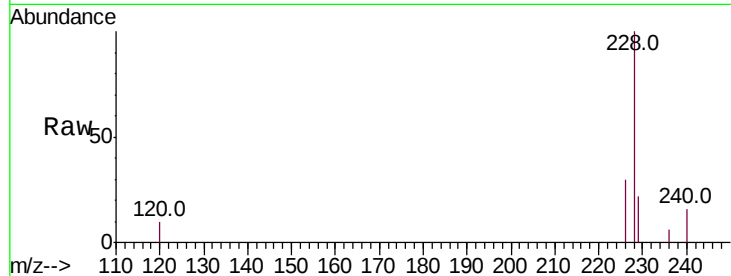
Tot Ion:228 Resp: 10362

Ion Ratio Lower Upper

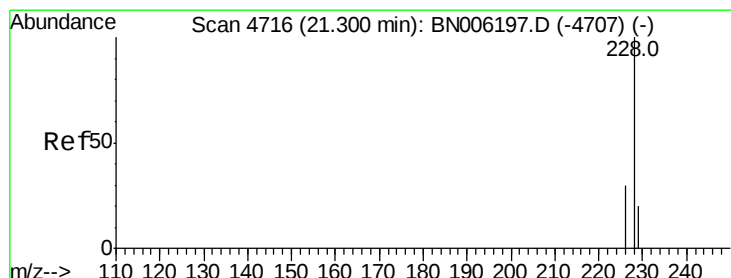
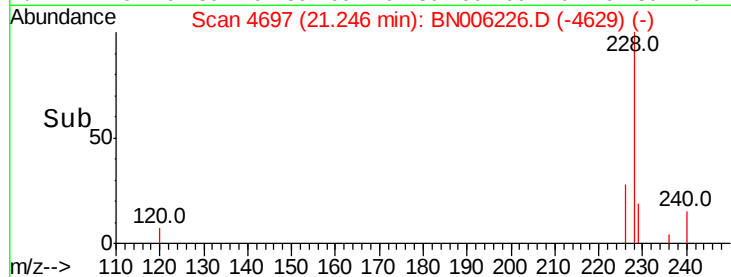
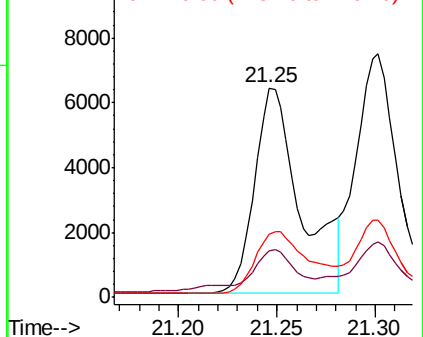
228 100

229 22.3 16.5 24.7

226 30.3 22.8 34.2



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: 0.192 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

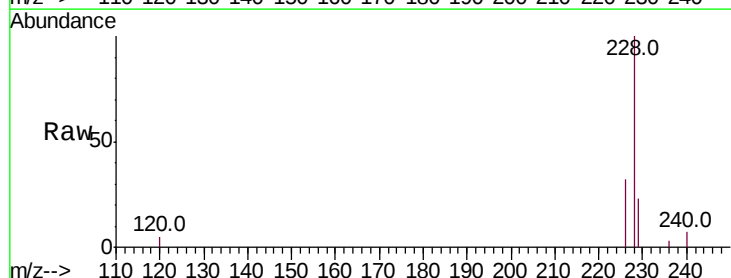
Tgt Ion:228 Resp: 11556

Ion Ratio Lower Upper

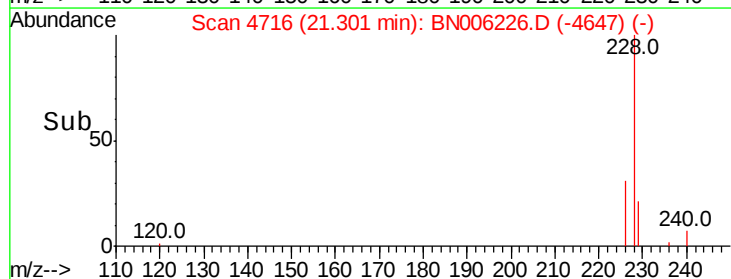
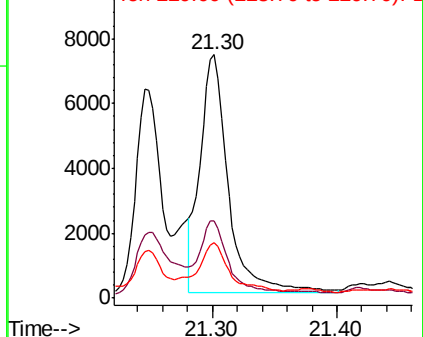
228 100

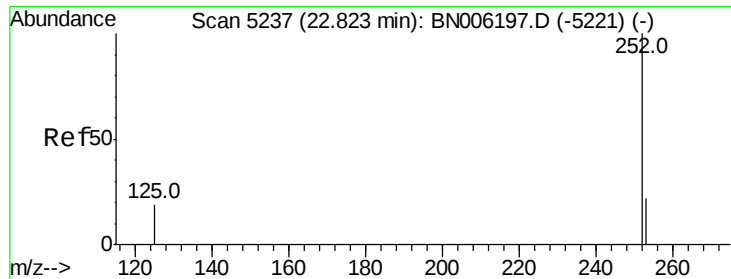
226 31.9 25.0 37.6

229 22.8 16.3 24.5



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: 0.238 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

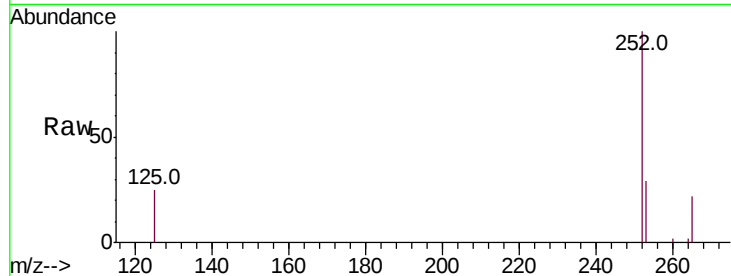
Tot Ion:252 Resp: 18407

Ion Ratio Lower Upper

252 100

253 28.5 0.0 51.4

125 24.6 0.0 41.0

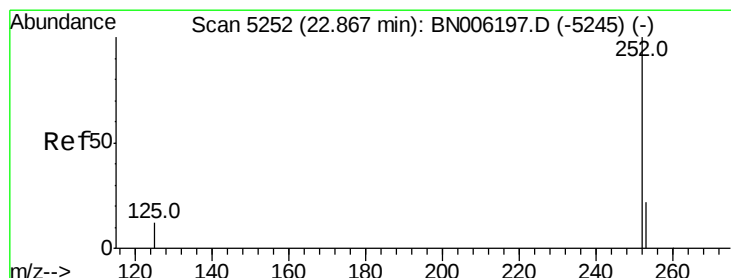
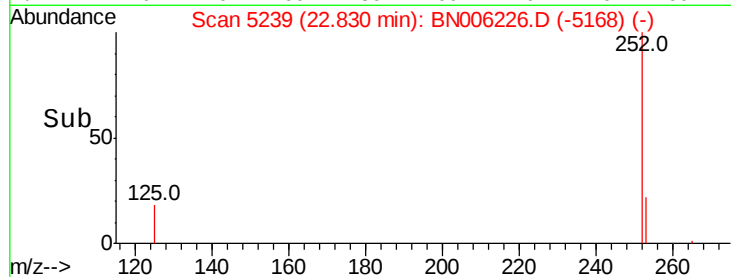
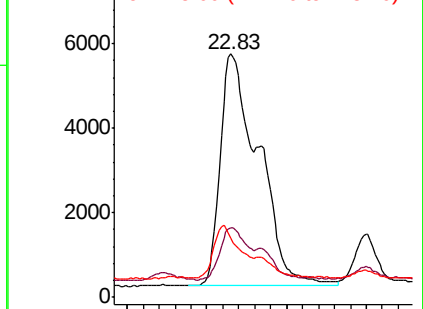


Abundance

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: 0.244 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

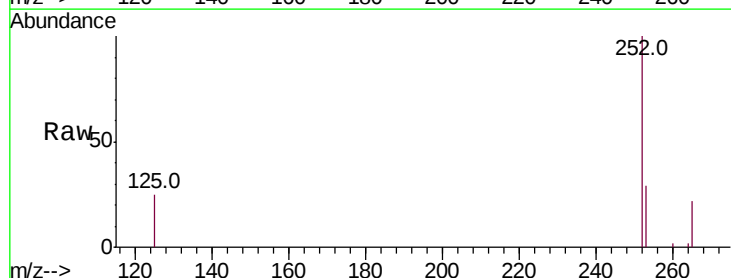
Tgt Ion:252 Resp: 18407

Ion Ratio Lower Upper

252 100

253 28.5 20.3 30.5

125 24.6 14.3 21.5#

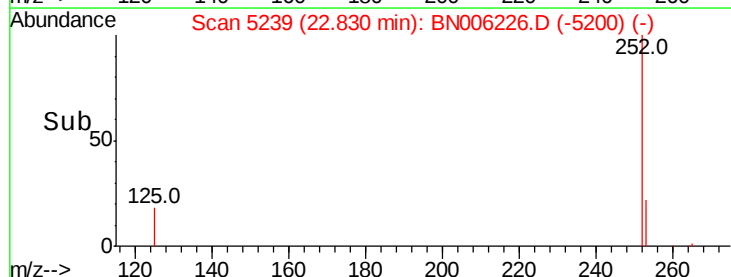
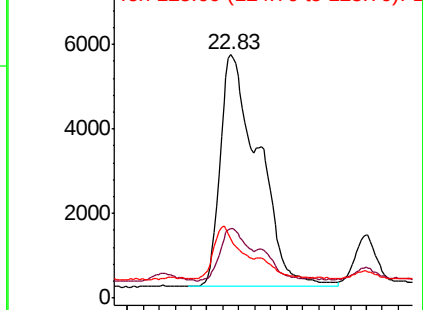


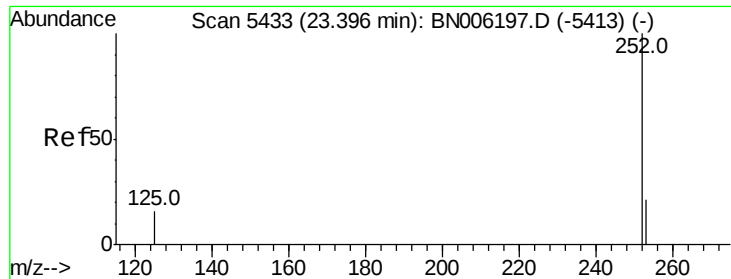
Abundance

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: 0.110 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

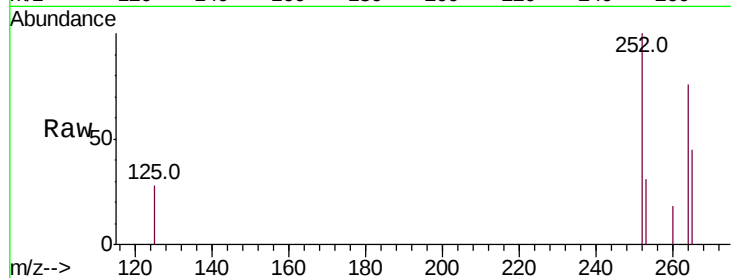
Tot Ion:252 Resp: 7928

Ion Ratio Lower Upper

252 100

253 31.0 21.1 31.7

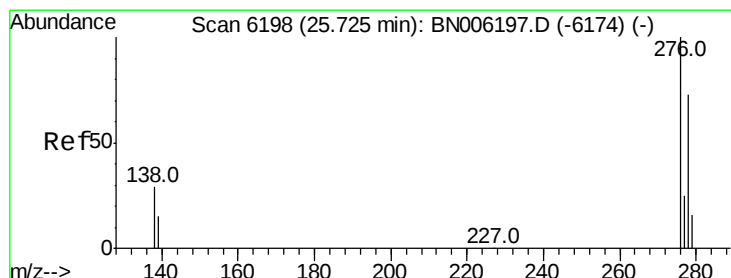
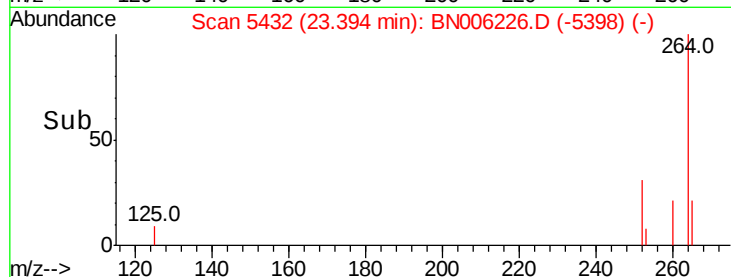
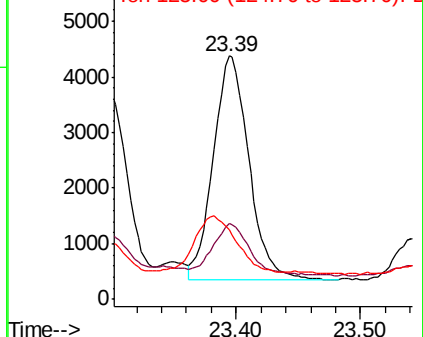
125 28.4 20.3 30.5



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: 0.072 ng/ul

RT: 25.73 min Scan# 6198

Delta R.T. 0.00 min

Lab File: BN006226.D

Acq: 10 Jun 2019 17:08

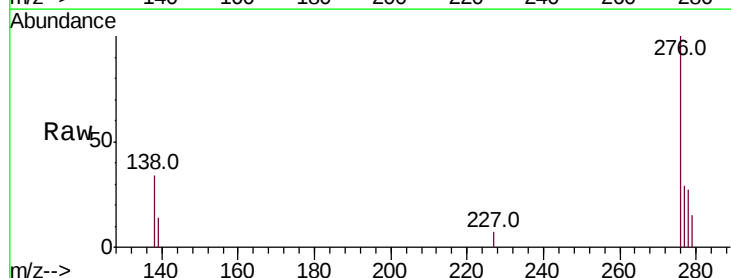
Tgt Ion:276 Resp: 5648

Ion Ratio Lower Upper

276 100

138 27.2 25.6 38.4

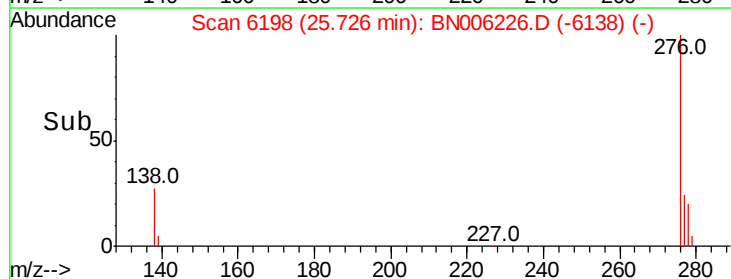
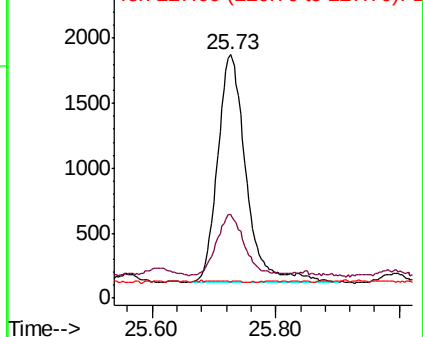
227 0.2 0.3 0.5#

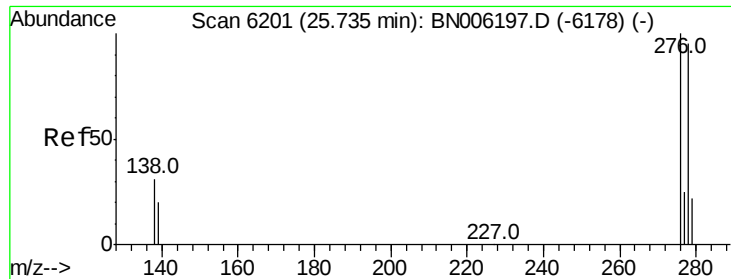


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

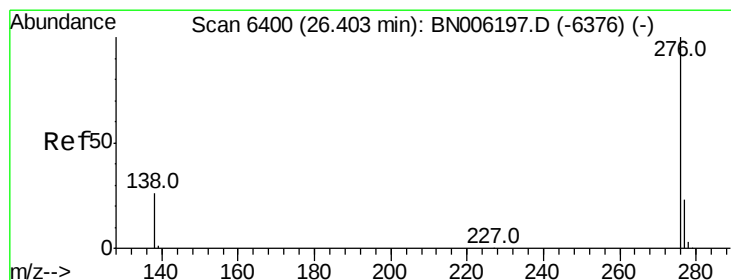
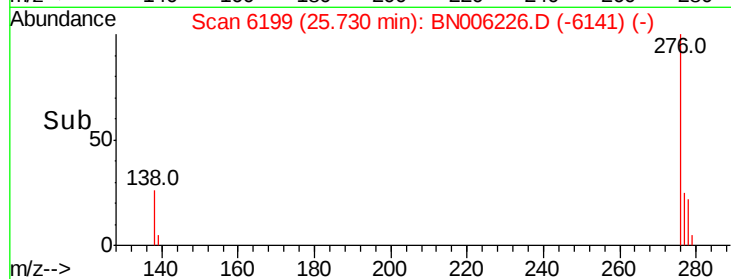
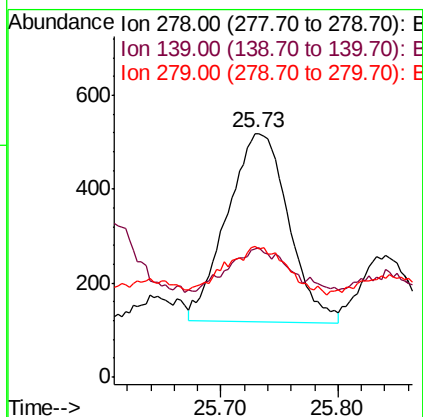
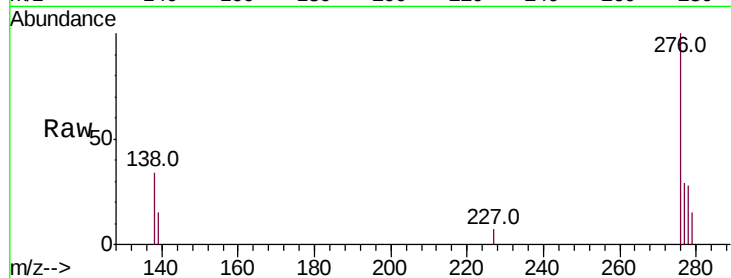




#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006226.D
Acq: 10 Jun 2019 17:08

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 1457
Ion Ratio Lower Upper
278 100
139 52.7 21.2 31.8#
279 53.7 22.6 33.8#



#26
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. 0.00 min
Lab File: BN006226.D
Acq: 10 Jun 2019 17:08

Tgt Ion:276 Resp: 4870
Ion Ratio Lower Upper
276 100
138 34.6 24.2 36.4
277 29.0 21.5 32.3

