

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008286.D
 Acq On : 21 Oct 2019 17:03
 Operator : JU
 Sample : K5178-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 00:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:03:33 2019
 Response via : Initial Calibration

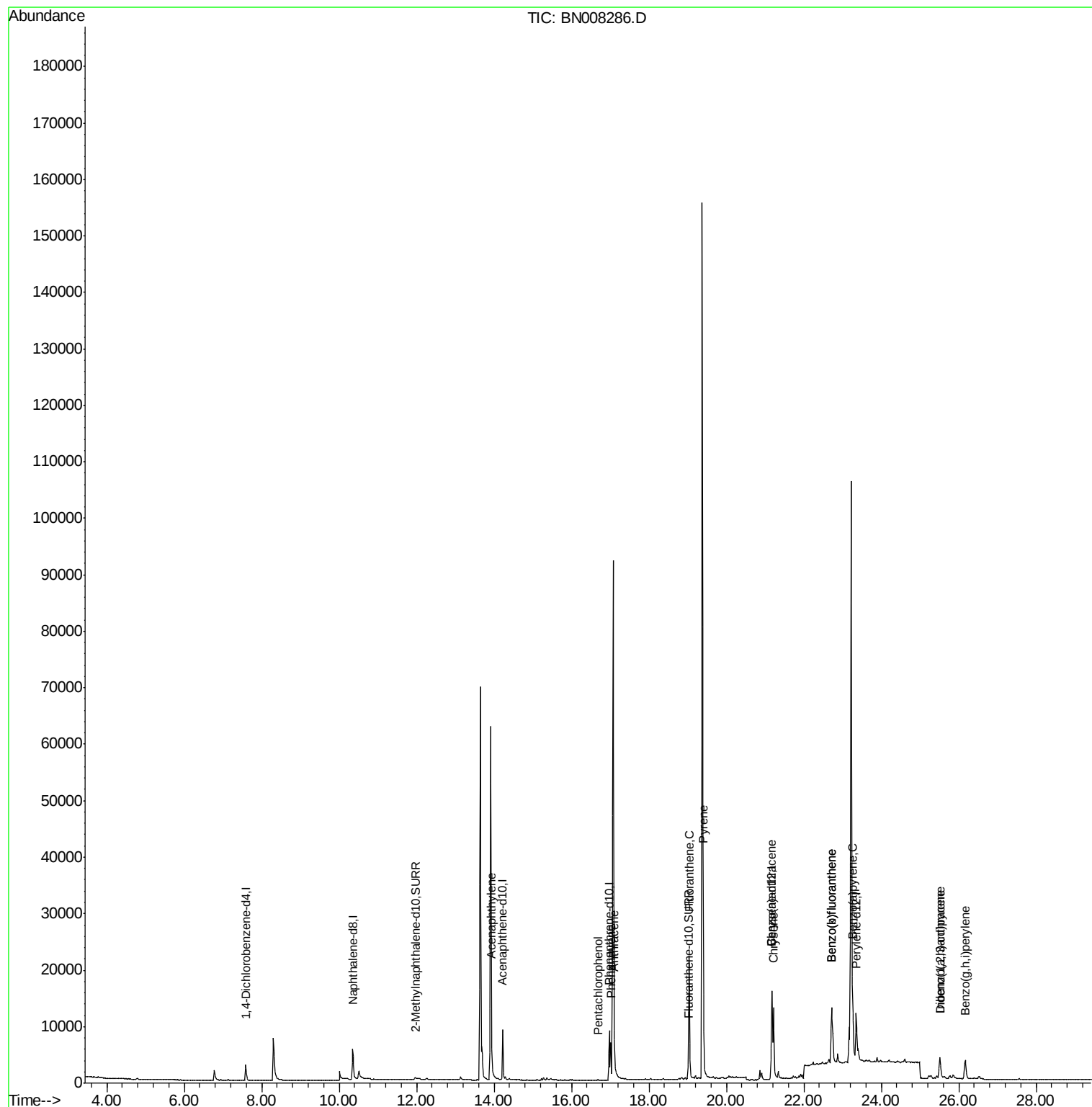
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8229	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5260	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11240	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11196	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9558	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	807	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2887	0.07	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	998	0.040	ng/ul#	85
11) Pentachlorophenol	16.68	266	136	0.050	ng/ul	99
12) Phenanthrene	17.01	178	7563	0.230	ng/ul	98
13) Anthracene	17.11	178	1813	0.063	ng/ul#	90
15) Fluoranthene	19.04	202	21089	0.485	ng/ul	99
17) Pyrene	19.40	202	22262	0.499	ng/ul	98
18) Benzo(a)anthracene	21.17	228	12608	0.310	ng/ul	95
19) Chrysene	21.22	228	13123	0.263	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	22708	0.730	ng/ul	97
22) Benzo(k)fluoranthene	22.71	252	22708	0.644	ng/ul#	96
23) Benzo(a)pyrene	23.26	252	10756	0.329	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.51	276	6719	0.174	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.51	278	1446	0.047	ng/ul#	58
26) Benzo(g,h,i)perylene	26.17	276	7096	0.201	ng/ul	95

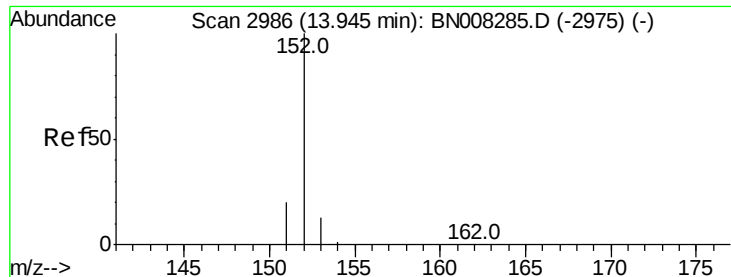
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 16:03:33 2019
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#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_N

ClientSampleId :

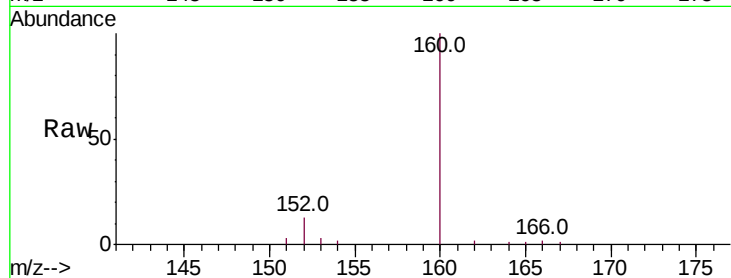
Tot Ion:152 Resp: 998

Ion Ratio Lower Upper

152 100

151 25.8 16.2 24.4#

153 21.8 11.0 16.4#



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

13.94

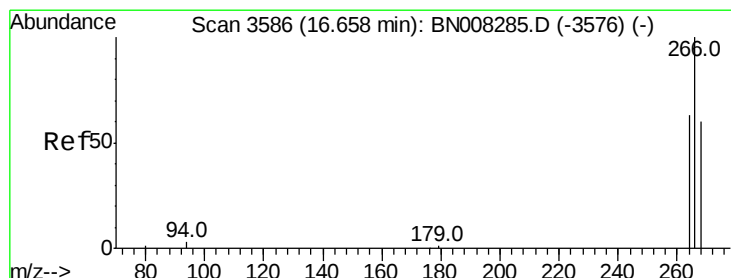
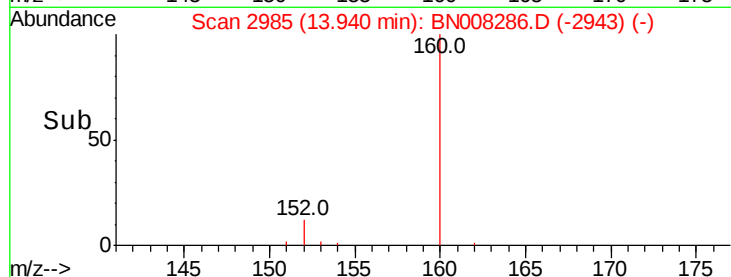
600

400

200

0

Time--> 13.80 13.90 14.00 14.10



#11

Pentachlorophenol

Concen: 0.050 ng/ul

RT: 16.68 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

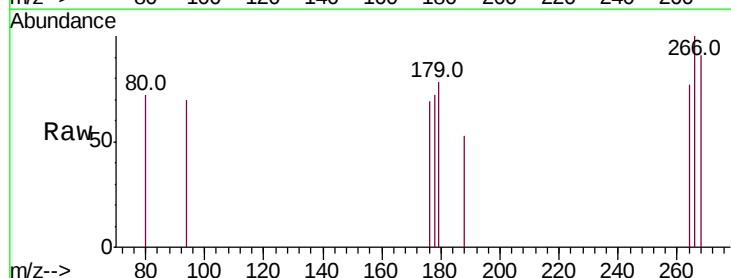
Tgt Ion:266 Resp: 136

Ion Ratio Lower Upper

266 100

264 63.2 50.1 75.1

268 63.2 51.9 77.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.68

120

100

80

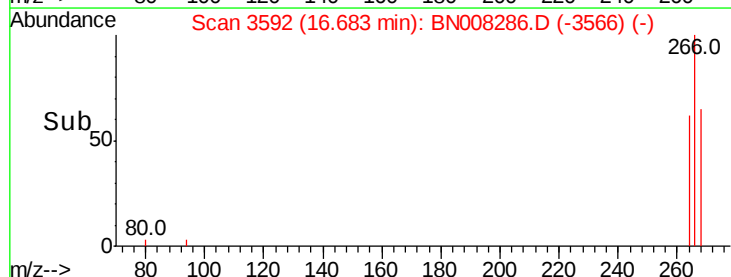
60

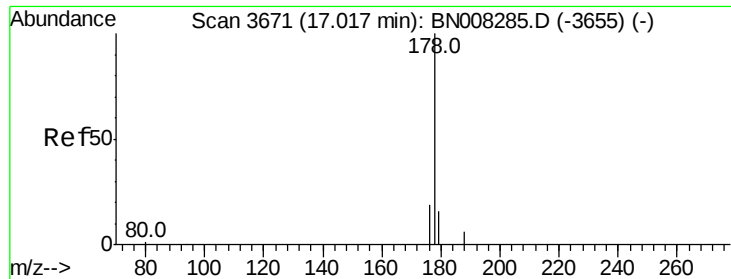
40

20

0

Time--> 16.60 16.70 16.80





#12

Phenanthrene

Concen: 0.230 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_N

ClientSampleId :

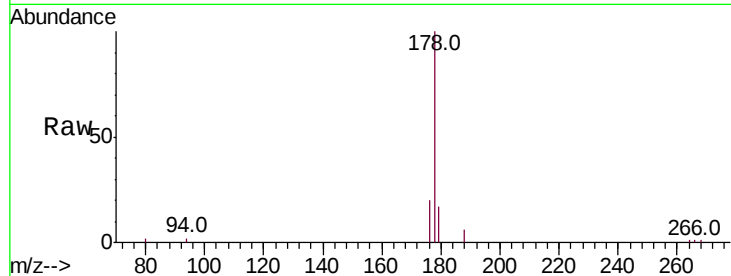
Tot Ion:178 Resp: 7563

Ion Ratio Lower Upper

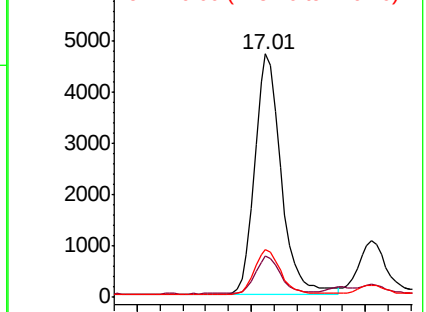
178 100

179 16.8 12.8 19.2

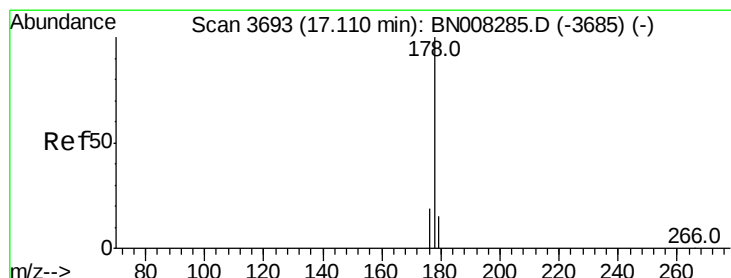
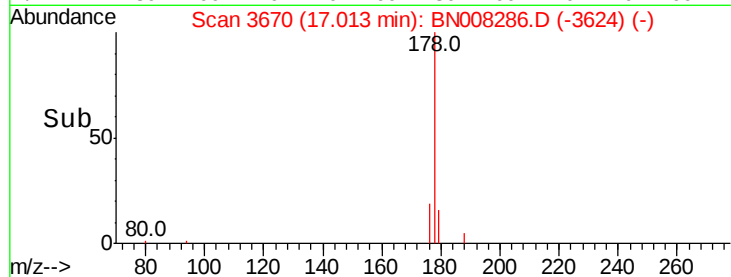
176 19.8 15.4 23.2



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



Time-->



#13

Anthracene

Concen: 0.063 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

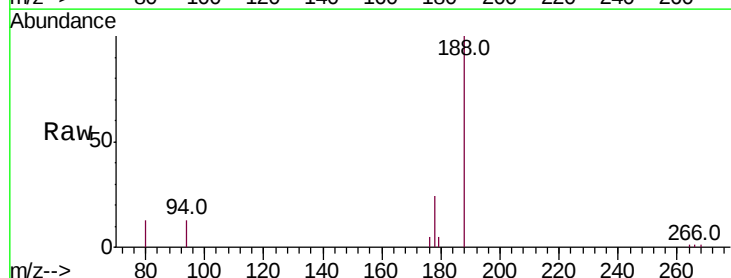
Tgt Ion:178 Resp: 1813

Ion Ratio Lower Upper

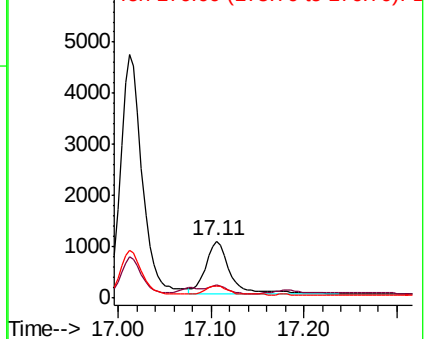
178 100

179 22.2 13.0 19.6#

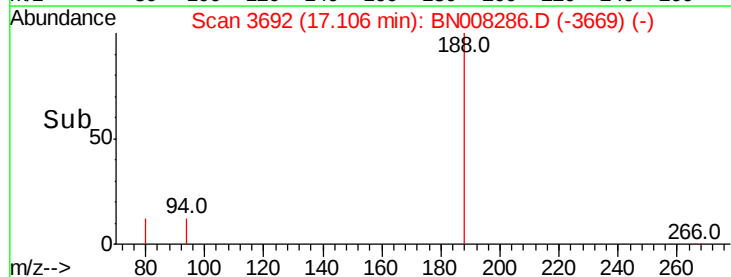
176 21.8 15.0 22.6

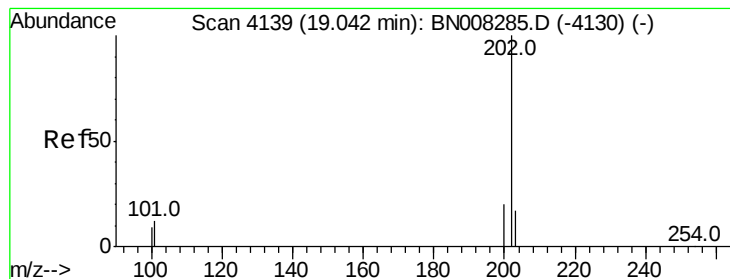


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.485 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_N

ClientSampleId :

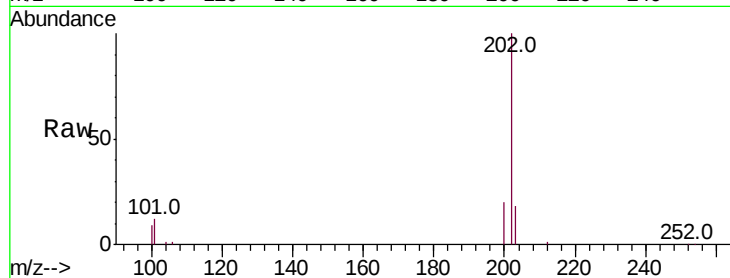
Tot Ion:202 Resp: 21089

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.2

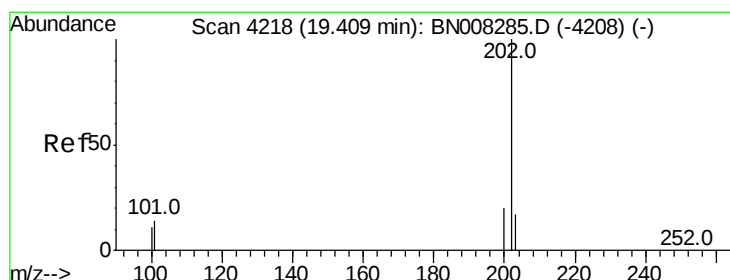
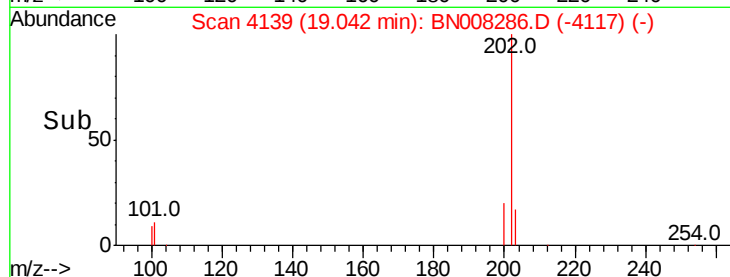
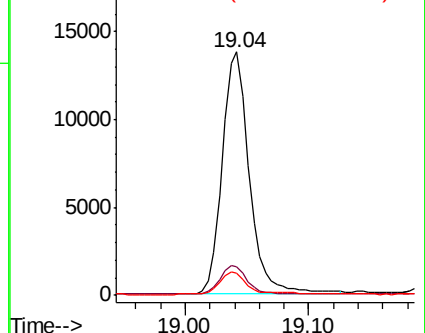
100 8.9 0.0 28.5



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: 0.499 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

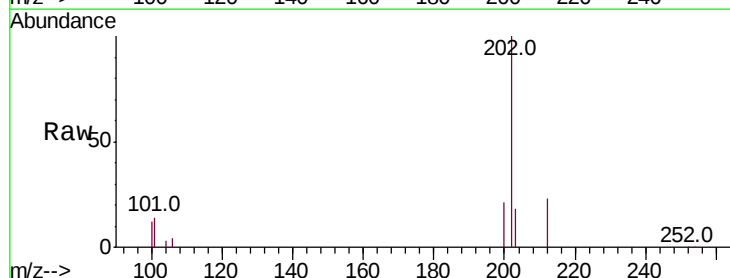
Tgt Ion:202 Resp: 22262

Ion Ratio Lower Upper

202 100

101 14.2 10.9 16.3

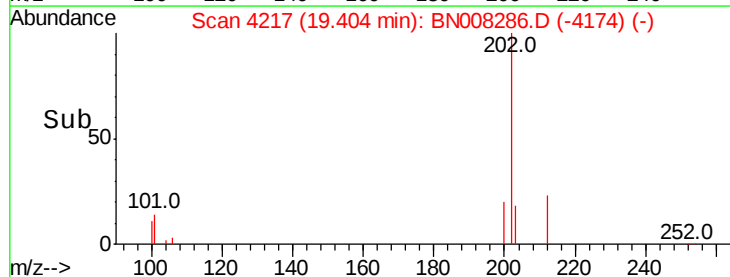
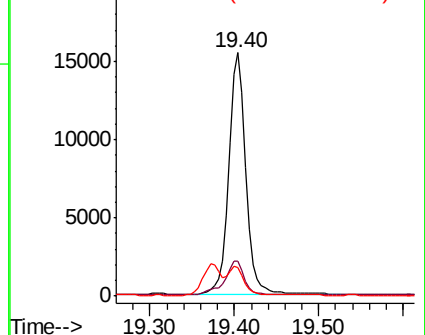
100 11.5 8.7 13.1

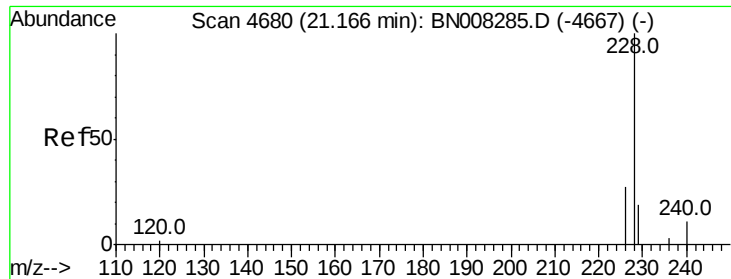


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.310 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. 0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_N

ClientSampled :

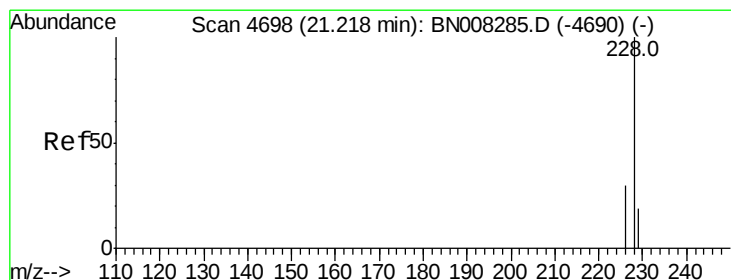
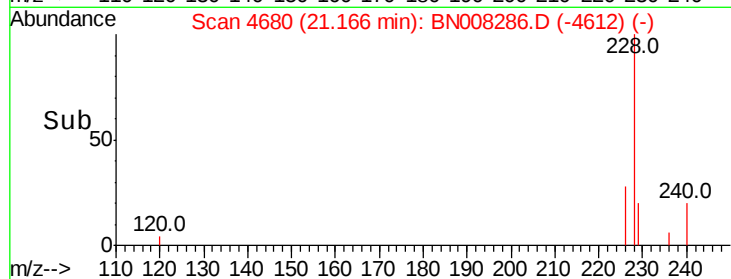
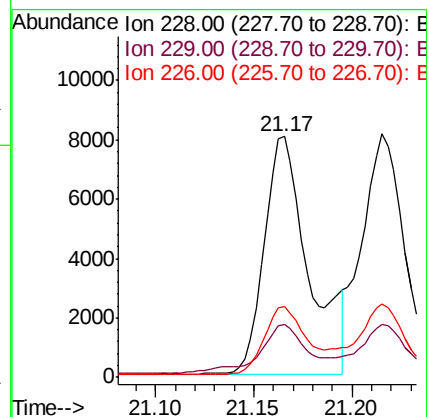
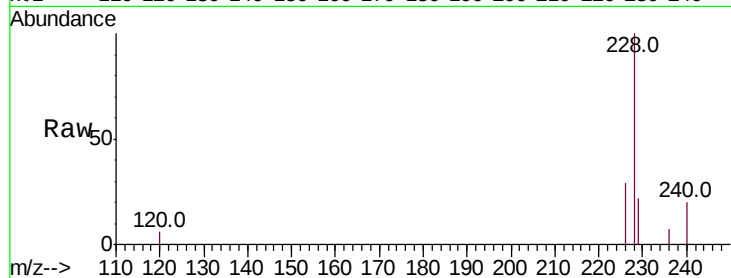
Tot Ion:228 Resp: 12608

Ion Ratio Lower Upper

228 100

229 22.0 16.2 24.2

226 29.3 21.4 32.0



#19

Chrysene

Concen: 0.263 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

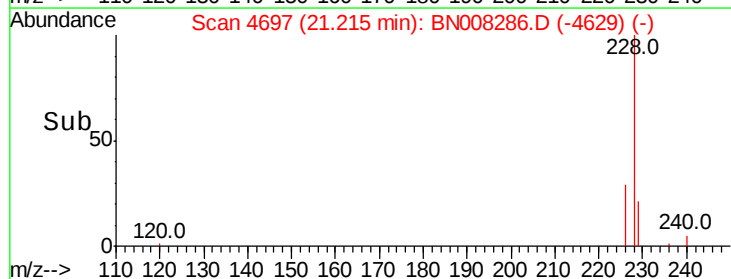
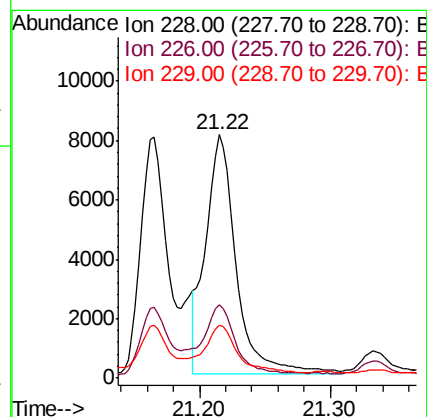
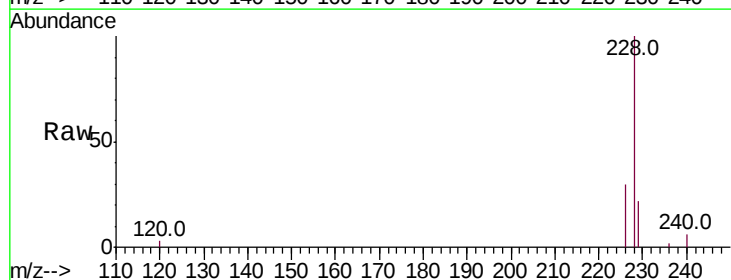
Tgt Ion:228 Resp: 13123

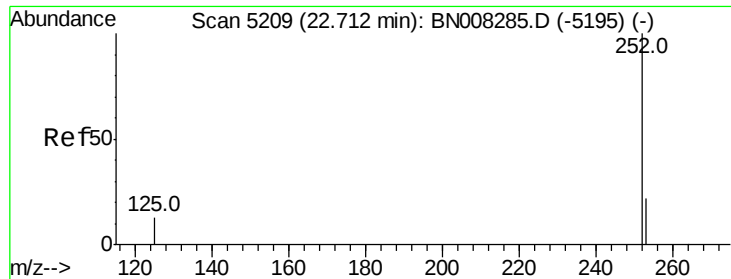
Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 21.9 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 0.730 ng/u1

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_N

ClientSampleId :

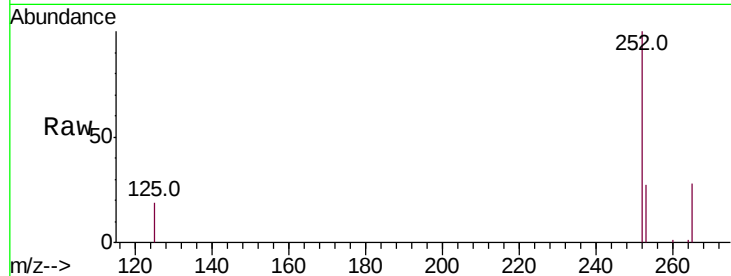
Tot Ion:252 Resp: 22708

Ion Ratio Lower Upper

252 100

253 27.0 0.0 53.4

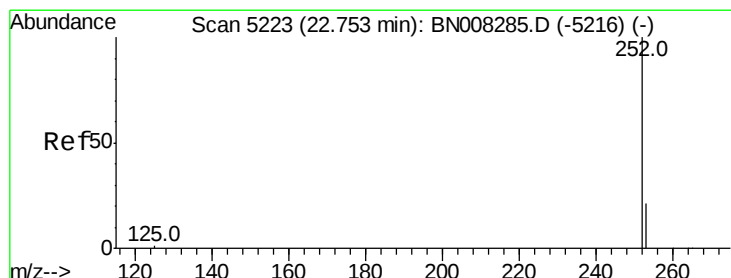
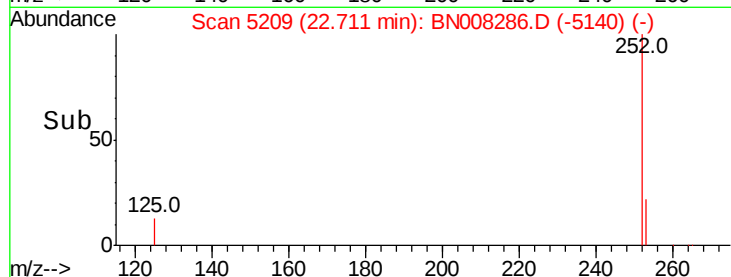
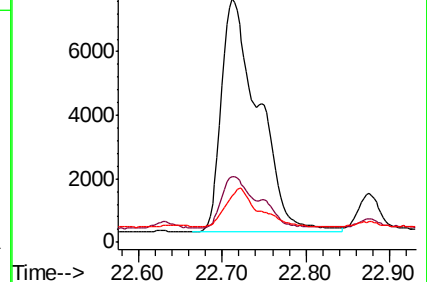
125 19.0 0.0 32.4



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: 0.644 ng/u1

RT: 22.71 min Scan# 5209

Delta R.T. -0.04 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

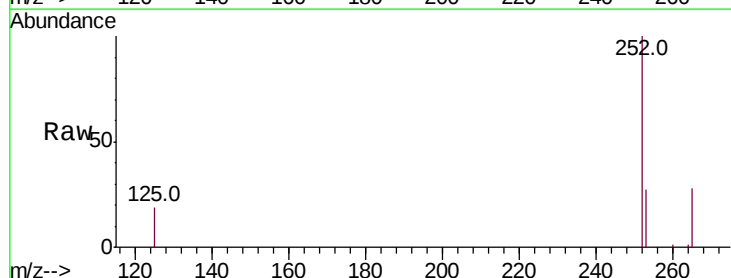
Tgt Ion:252 Resp: 22708

Ion Ratio Lower Upper

252 100

253 27.0 21.3 31.9

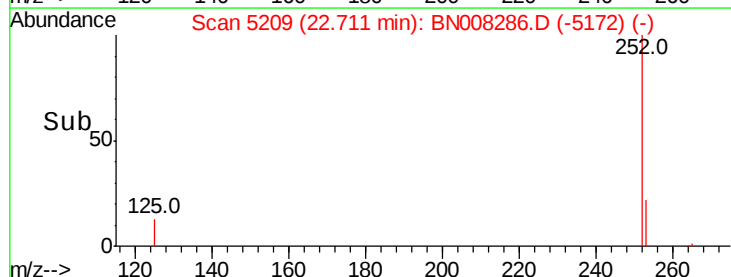
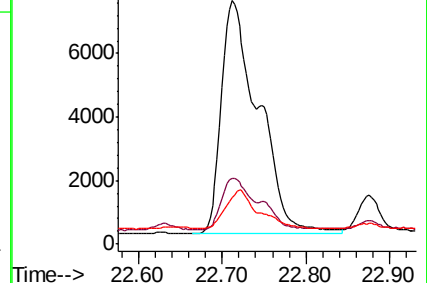
125 19.0 12.3 18.5#

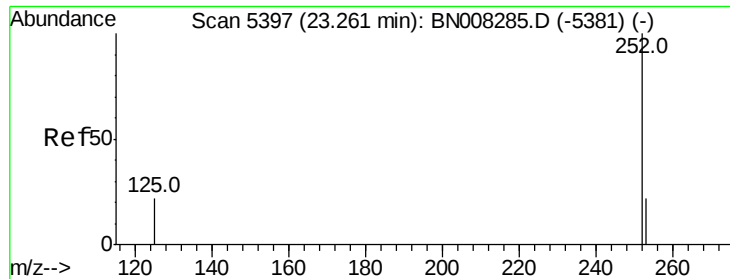


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.329 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_N

ClientSampleId :

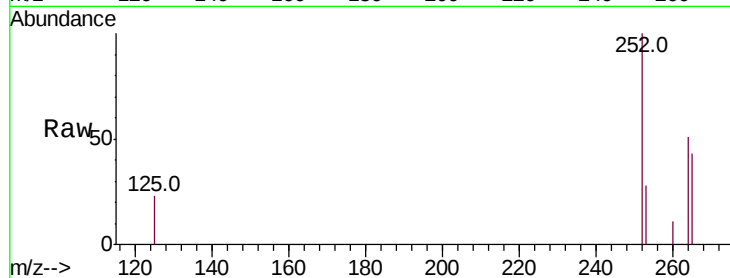
Tot Ion:252 Resp: 10756

Ion Ratio Lower Upper

252 100

253 28.3 22.8 34.2

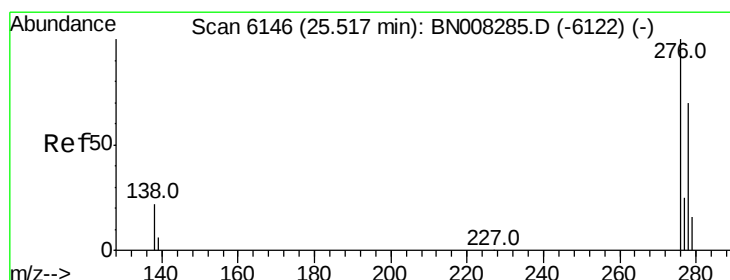
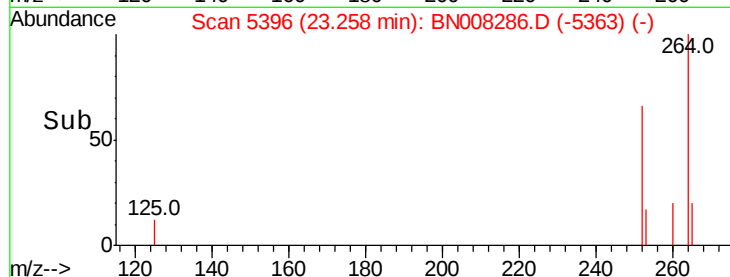
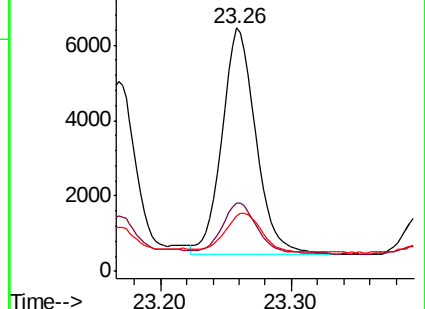
125 22.8 18.4 27.6



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: 0.174 ng/ul

RT: 25.51 min Scan# 6144

Delta R.T. 0.00 min

Lab File: BN008286.D

Acq: 21 Oct 2019 17:03

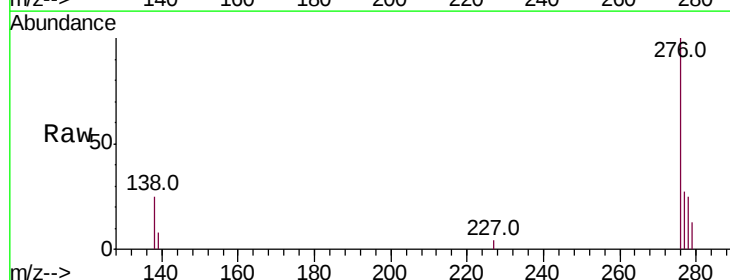
Tgt Ion:276 Resp: 6719

Ion Ratio Lower Upper

276 100

138 22.6 16.1 24.1

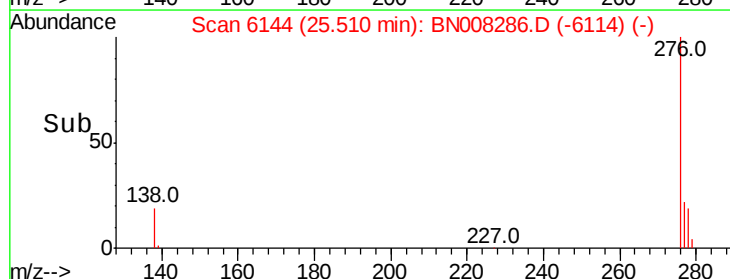
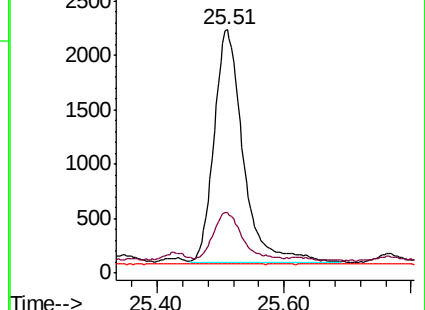
227 0.1 0.2 0.2#

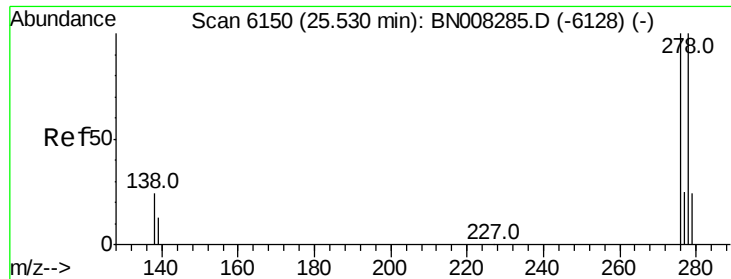


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

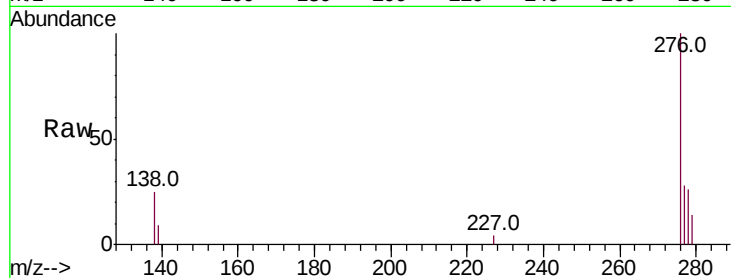




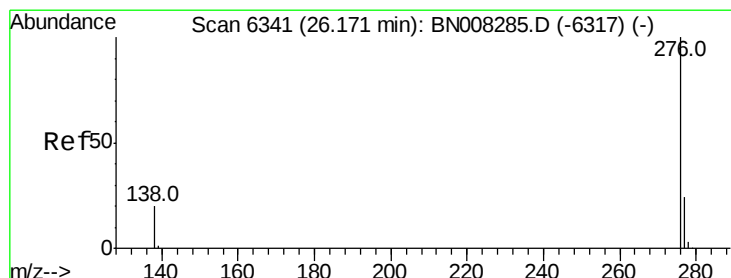
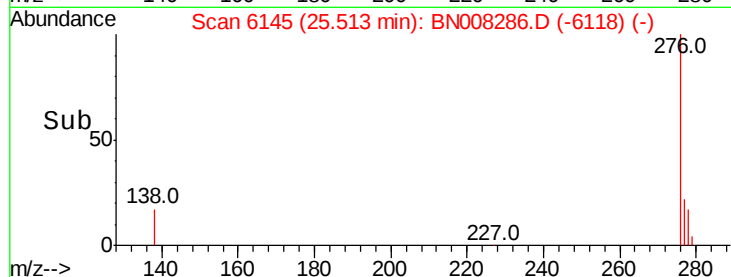
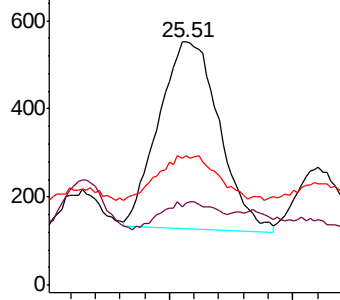
#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1446
Ion Ratio Lower Upper
278 100
139 33.9 15.0 22.6#
279 53.1 22.4 33.6#

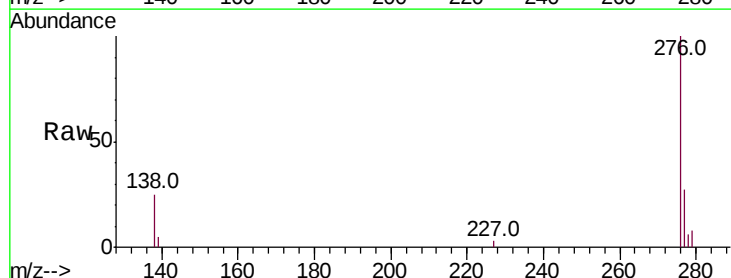


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:276 Resp: 7096
Ion Ratio Lower Upper
276 100
138 24.7 17.0 25.4
277 26.8 20.4 30.6



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

