

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003065.D
 Acq On : 10 Oct 2018 15:20
 Operator : MJ/SJ
 Sample : J5295-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 07:07:26 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

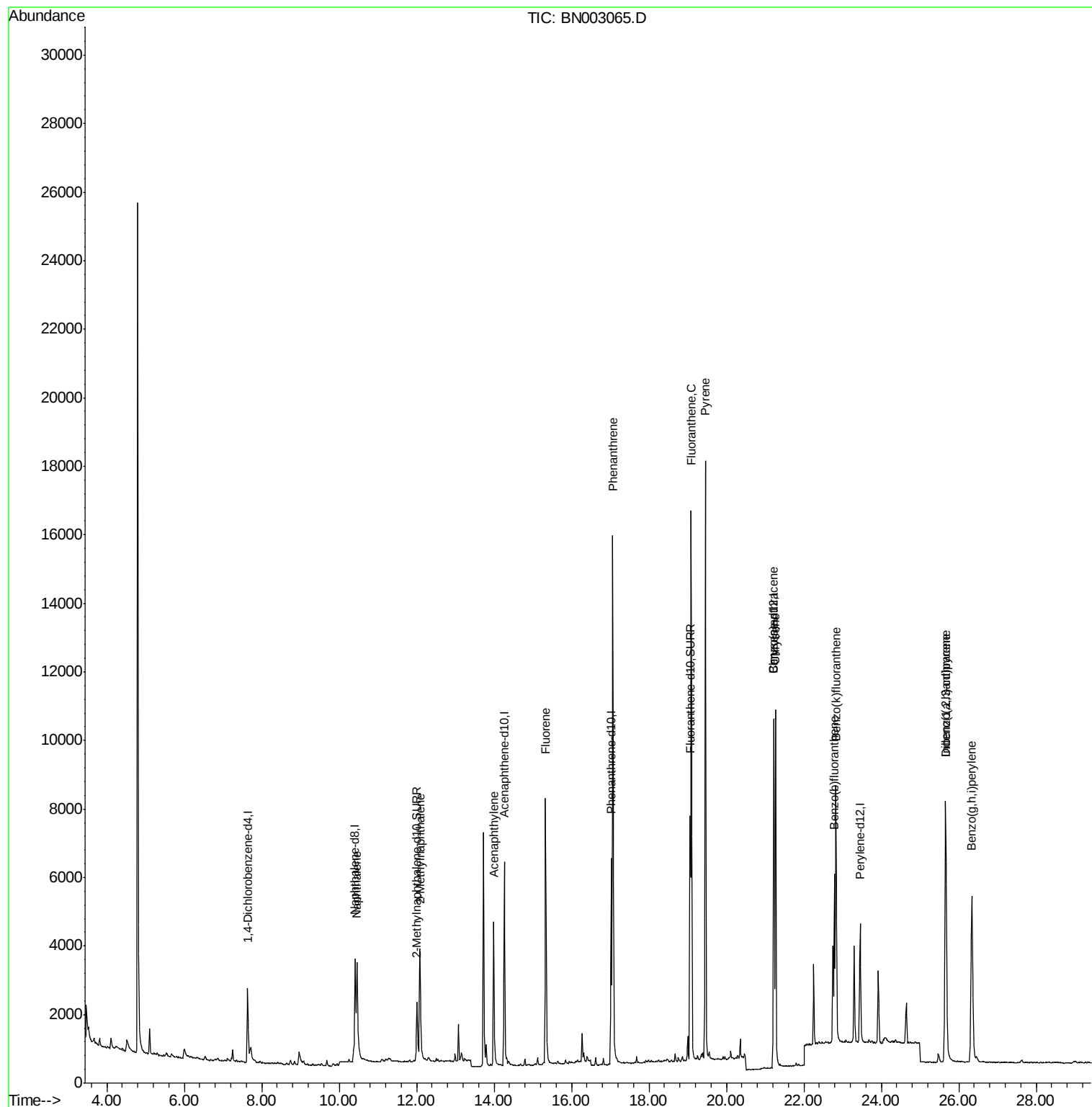
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1452	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	5946	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3505	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7978	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	6207	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4845	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3324	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	9036	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	5499	0.360	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	3668	0.349	ng/ul	97
7) Acenaphthylene	13.99	152	5738	0.358	ng/ul	99
9) Fluorene	15.33	166	6125	0.439	ng/ul	100
12) Phenanthrene	17.07	178	19996	0.899	ng/ul	99
15) Fluoranthene	19.09	202	14630	0.561	ng/ul	91
17) Pyrene	19.45	202	15515	0.644	ng/ul	99
18) Benzo(a)anthracene	21.21	228	7681	0.385	ng/ul	100
19) Chrysene	21.27	228	9877	0.487	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	6323	0.362	ng/ul	98
22) Benzo(k)fluoranthene	22.83	252	10366	0.573	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.66	276	8245	0.459	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.66	278	7116	0.495	ng/ul	95
26) Benzo(g,h,i)perylene	26.34	276	10796	0.712	ng/ul	95

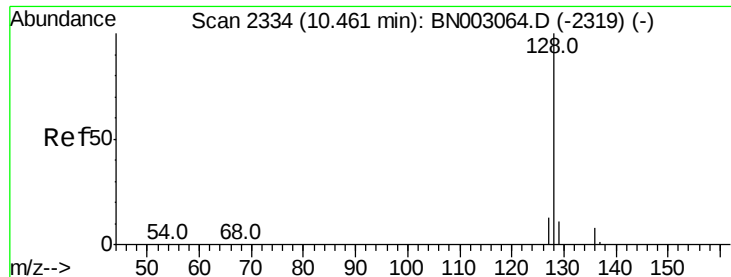
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.360 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

Instrument :

BNA_N

ClientSampleId :

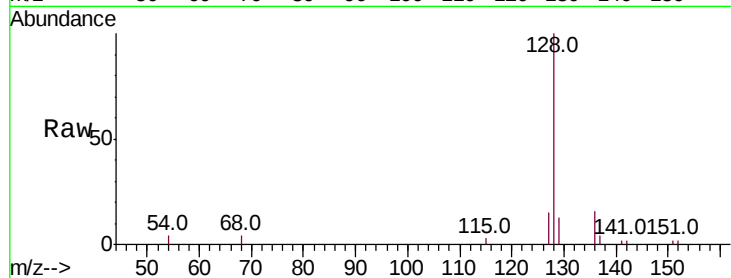
Tot Ion:128 Resp: 5499

Ion Ratio Lower Upper

128 100

129 13.3 10.4 15.6

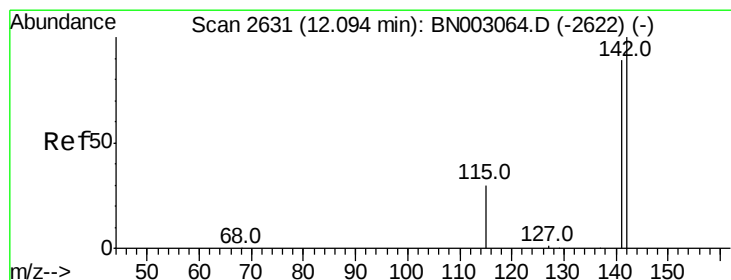
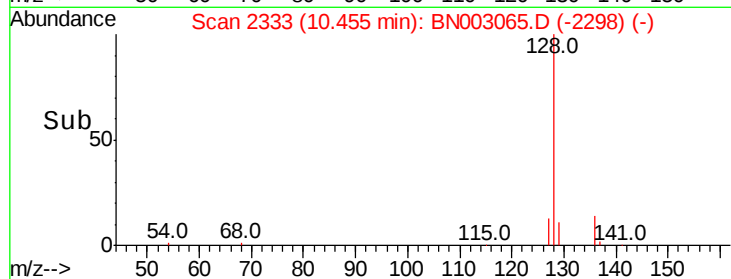
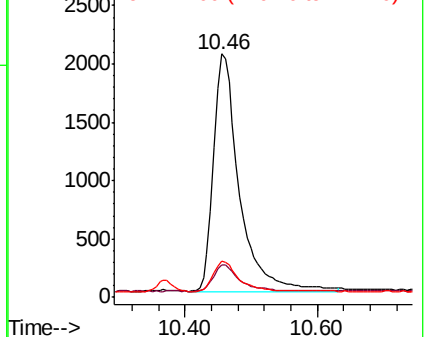
127 14.8 11.7 17.5



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



#5

2-Methylnaphthalene

Concen: 0.349 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003065.D

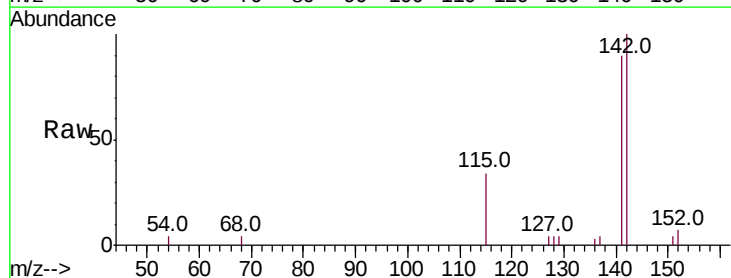
Acq: 10 Oct 2018 15:20

Tgt Ion:142 Resp: 3668

Ion Ratio Lower Upper

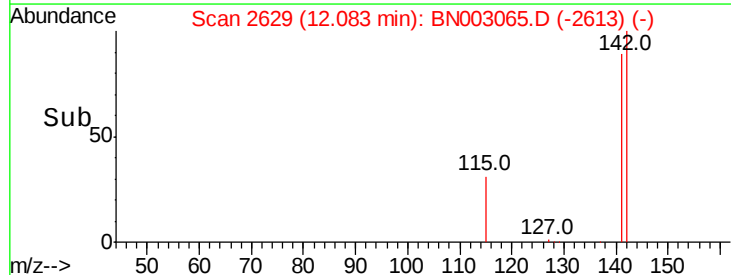
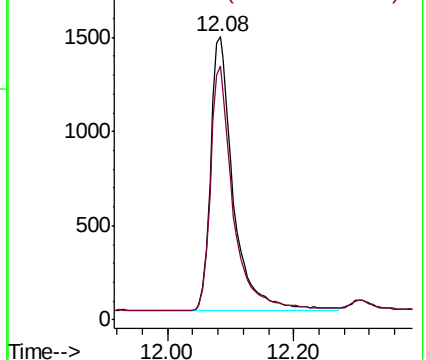
142 100

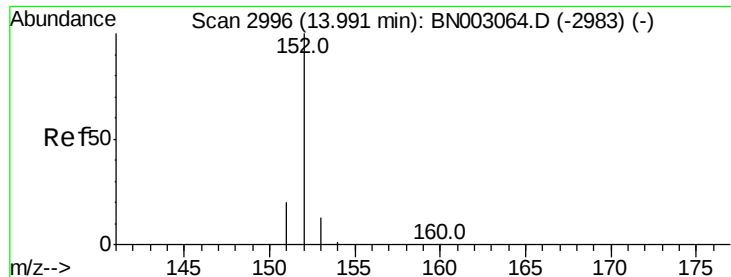
141 88.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.358 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

Instrument :

BNA_N

ClientSampleId :

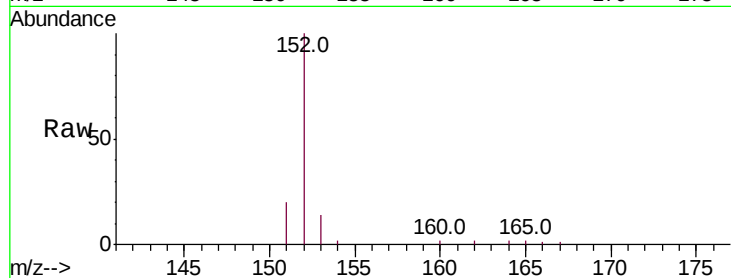
Tot Ion:152 Resp: 5738

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

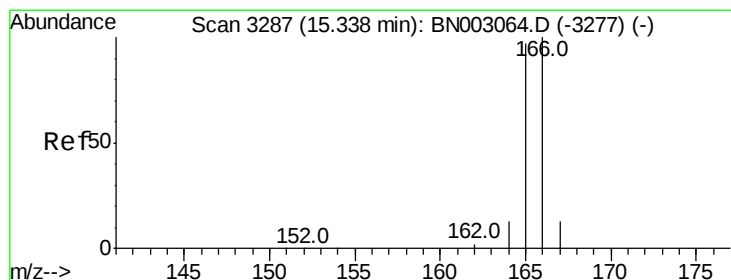
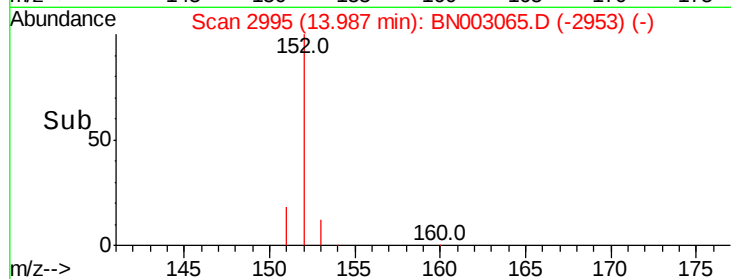
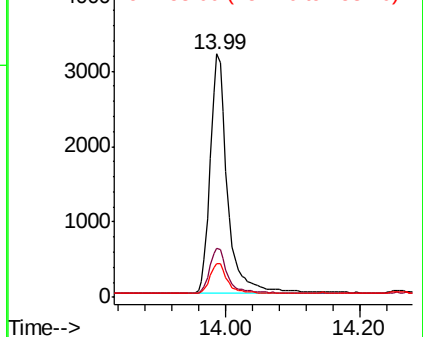
153 14.0 11.4 17.2



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



#9

Fluorene

Concen: 0.439 ng/ul

RT: 15.33 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

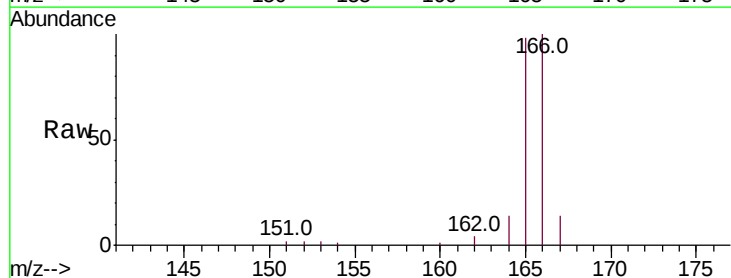
Tgt Ion:166 Resp: 6125

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

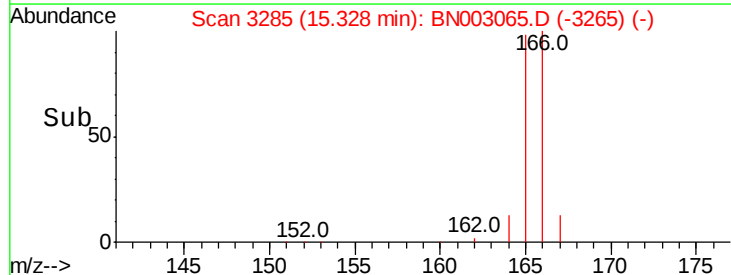
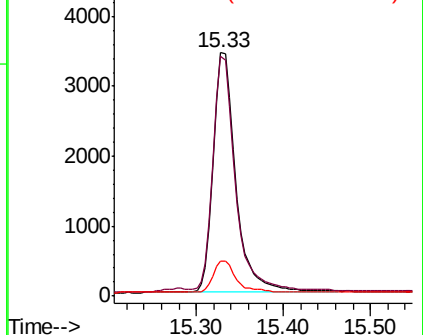
167 14.3 11.6 17.4

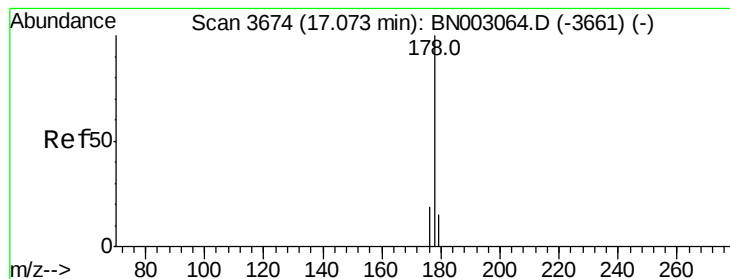


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.899 ng/ul

RT: 17.07 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

Instrument :

BNA_N

ClientSampleId :

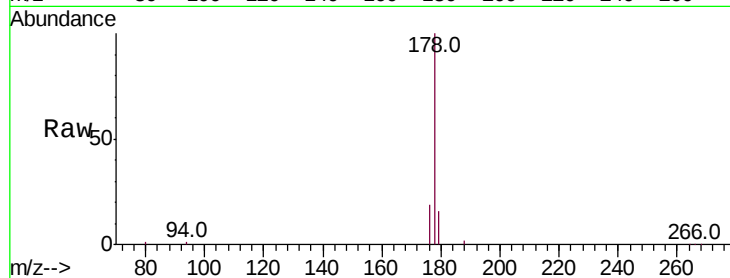
Tot Ion:178 Resp: 19996

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

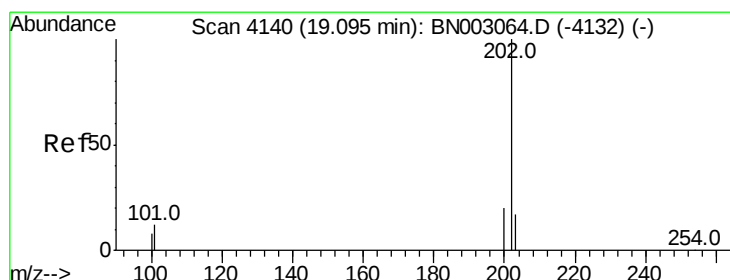
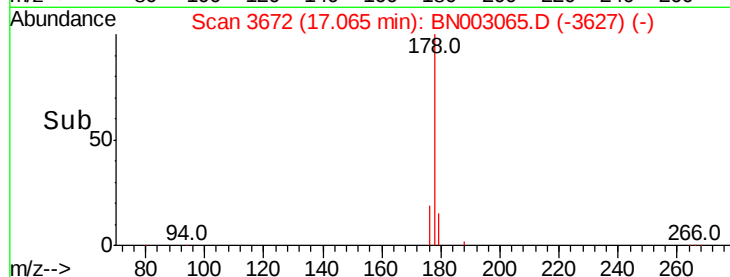
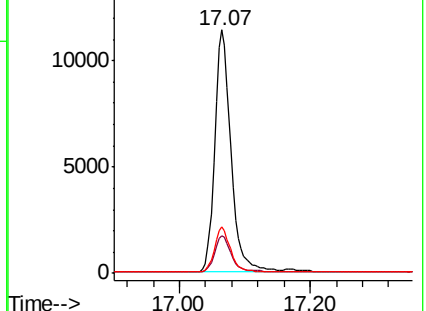
176 19.0 15.4 23.2



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



#15

Fluoranthene

Concen: 0.561 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

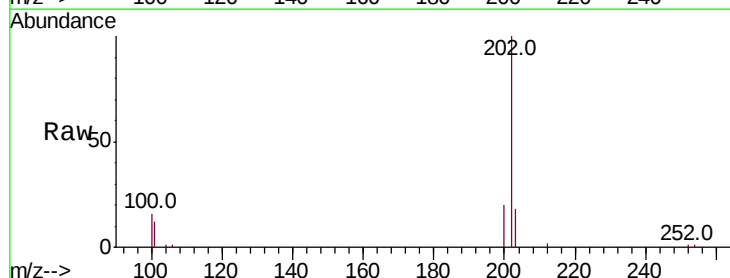
Tgt Ion:202 Resp: 14630

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.3

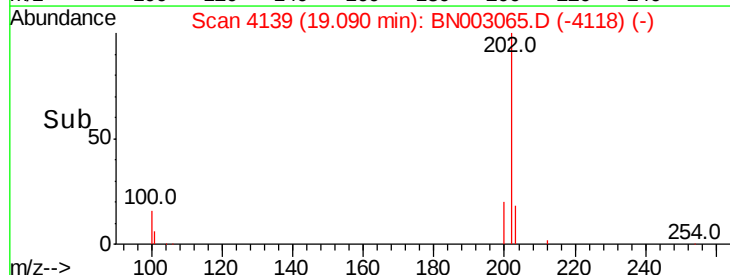
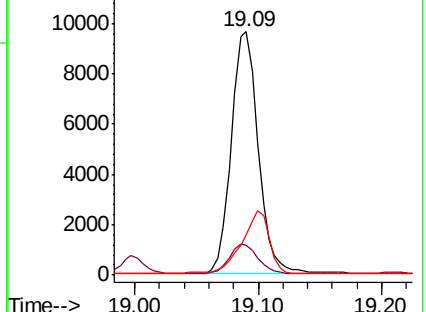
100 16.3 0.0 29.1

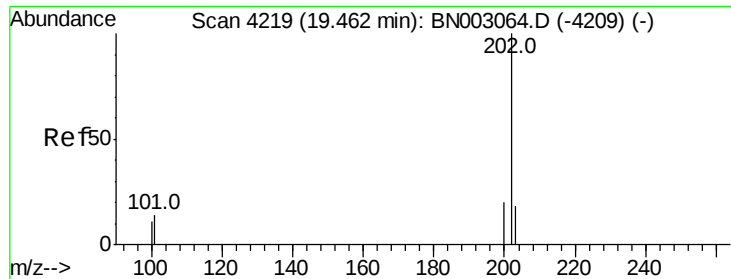


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

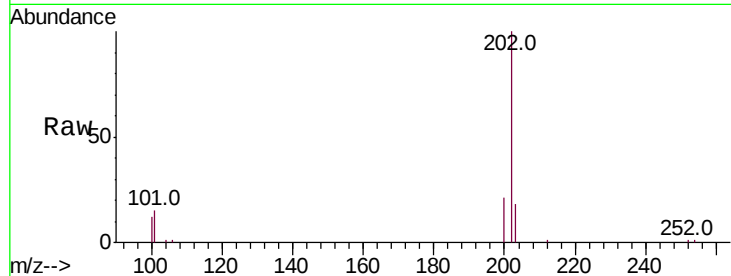




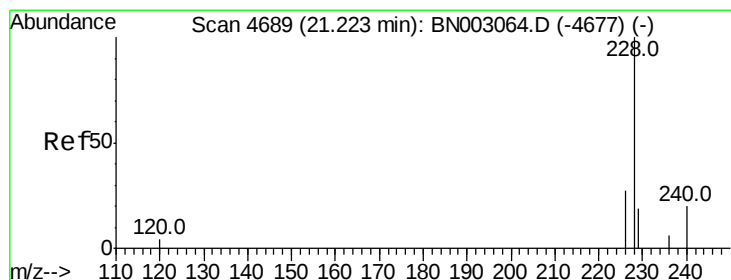
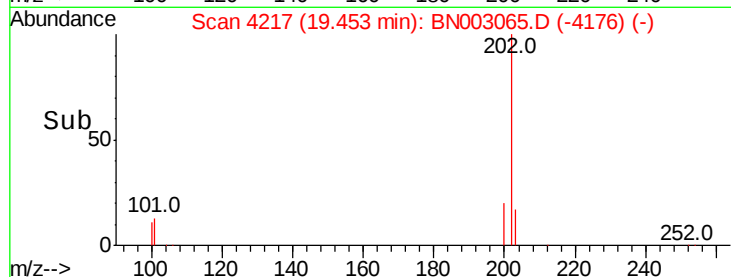
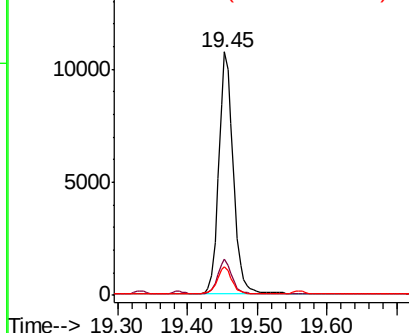
#17
Pvrene
Concen: 0.644 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003065.D
Acq: 10 Oct 2018 15:20

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 15515
Ion Ratio Lower Upper
202 100
101 14.7 11.9 17.9
100 11.7 9.9 14.9

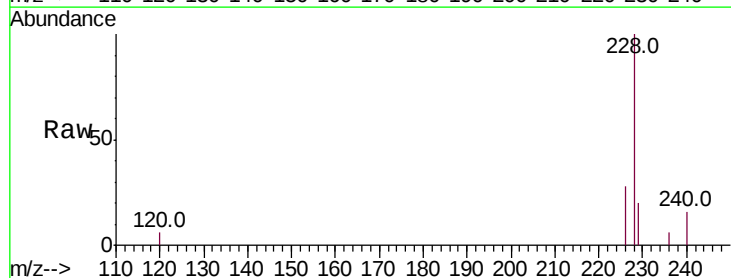


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

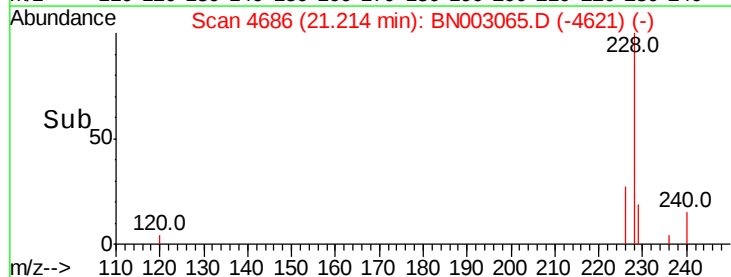
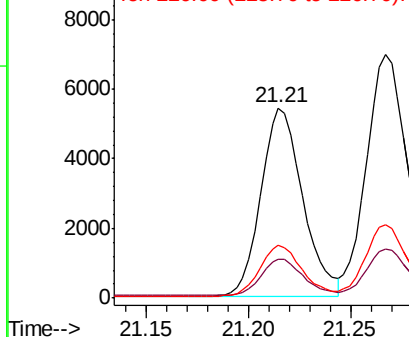


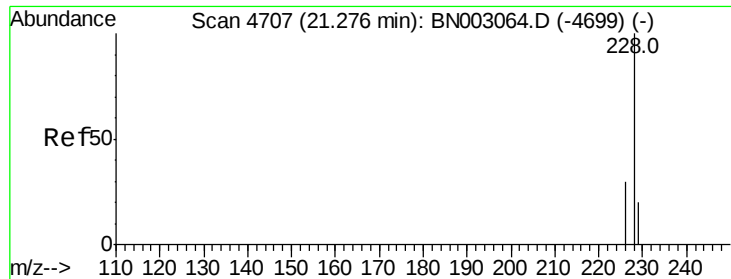
#18
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.21 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN003065.D
Acq: 10 Oct 2018 15:20

Tgt Ion:228 Resp: 7681
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.9 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: 0.487 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

Instrument :

BNA_N

ClientSampleId :

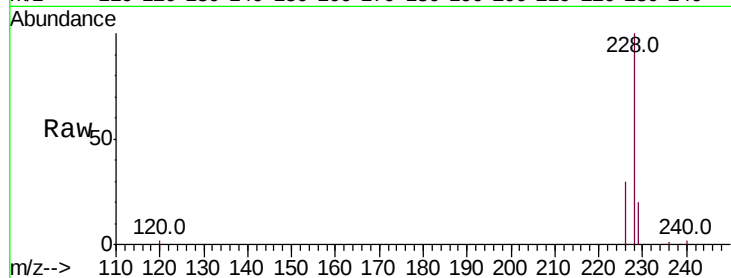
Tot Ion:228 Resp: 9877

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

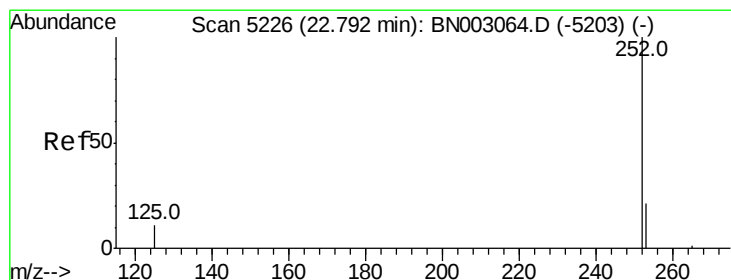
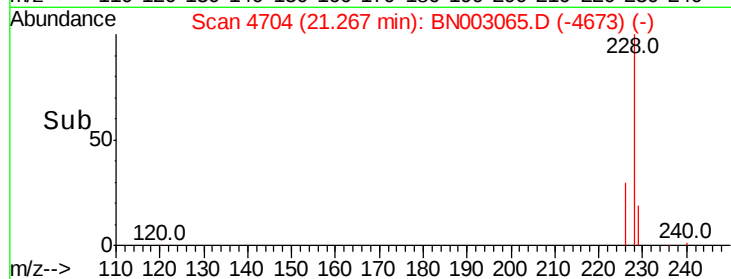
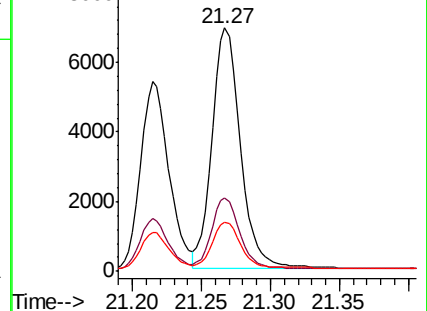
229 20.2 16.7 25.1



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: 0.362 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

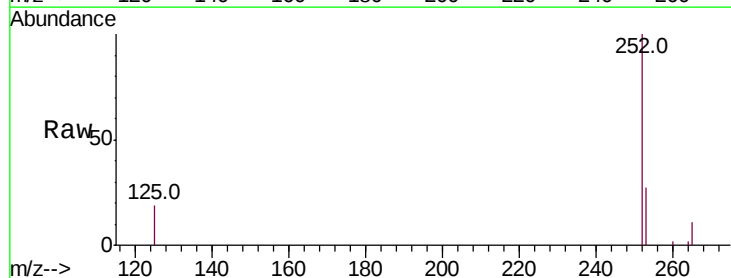
Tgt Ion:252 Resp: 6323

Ion Ratio Lower Upper

252 100

253 26.7 0.0 53.2

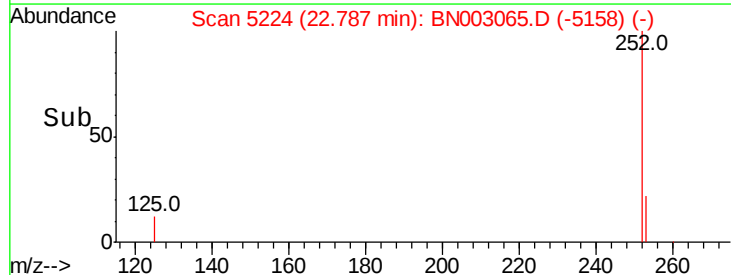
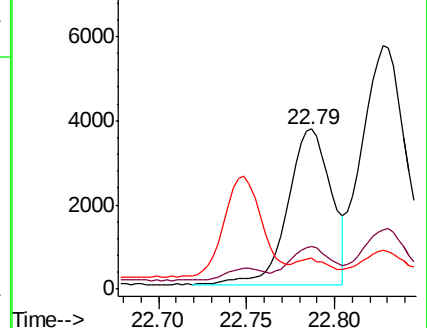
125 19.1 0.0 34.2

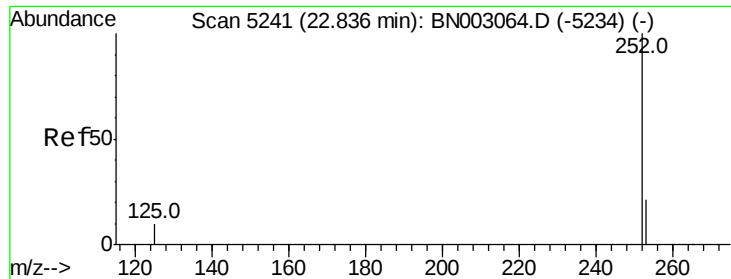


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.573 ng/u1

RT: 22.83 min Scan# 5238

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

Instrument :

BNA_N

ClientSampleId :

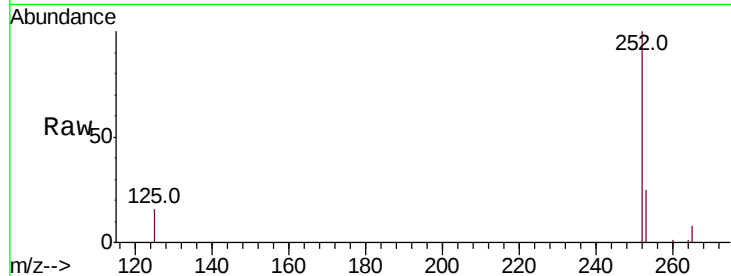
Tot Ion:252 Resp: 10366

Ion Ratio Lower Upper

252 100

253 24.5 21.3 31.9

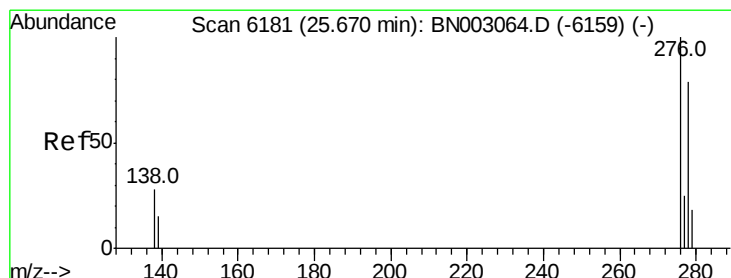
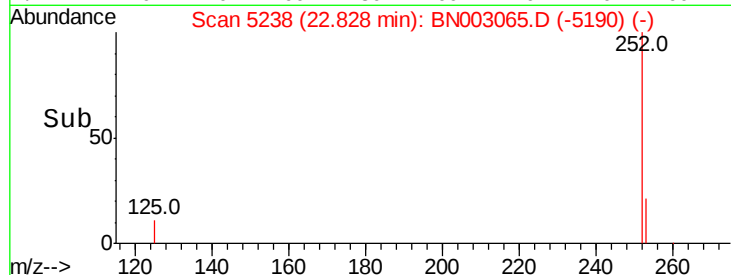
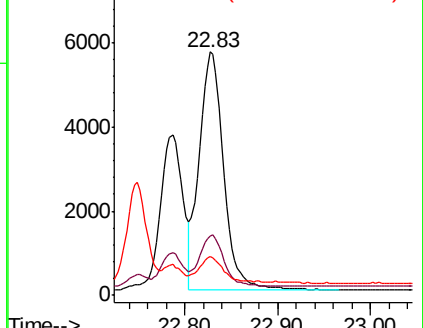
125 15.8 14.1 21.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.459 ng/u1

RT: 25.66 min Scan# 6178

Delta R.T. -0.01 min

Lab File: BN003065.D

Acq: 10 Oct 2018 15:20

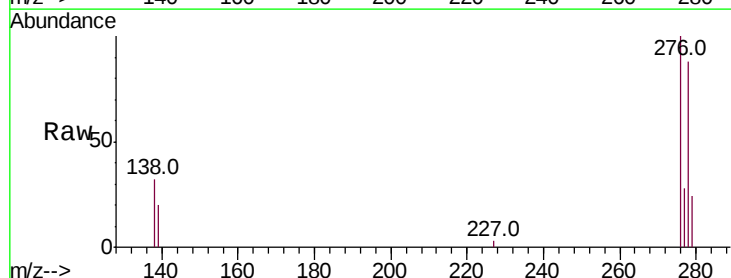
Tgt Ion:276 Resp: 8245

Ion Ratio Lower Upper

276 100

138 28.8 21.5 32.3

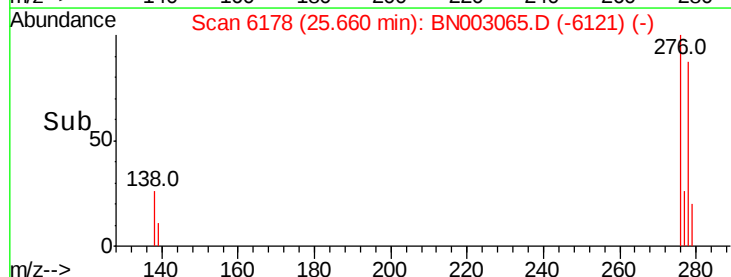
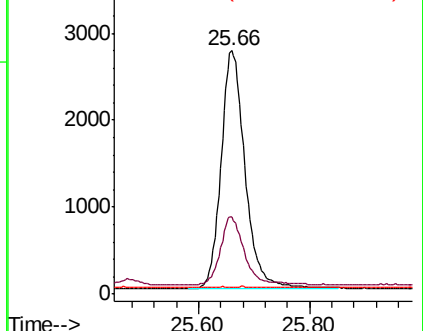
227 0.1 0.3 0.5#

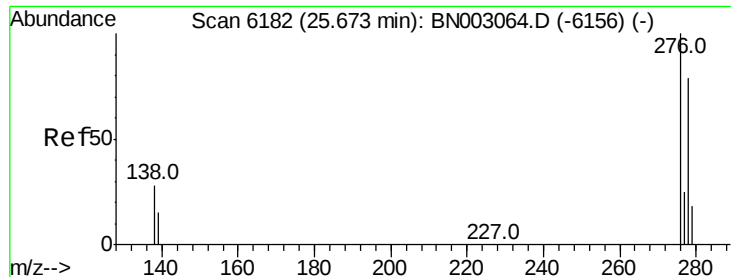


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



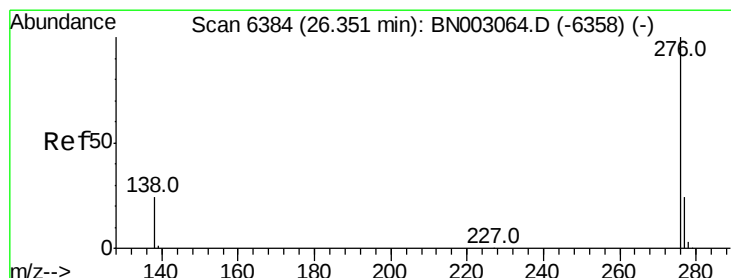
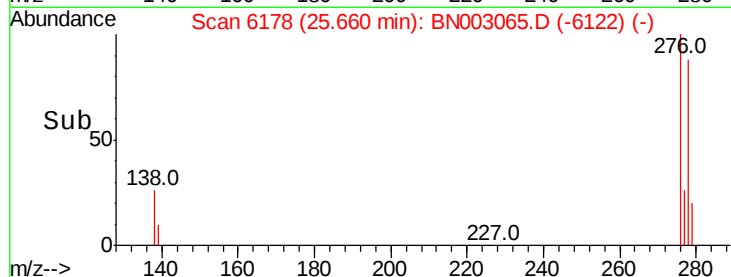
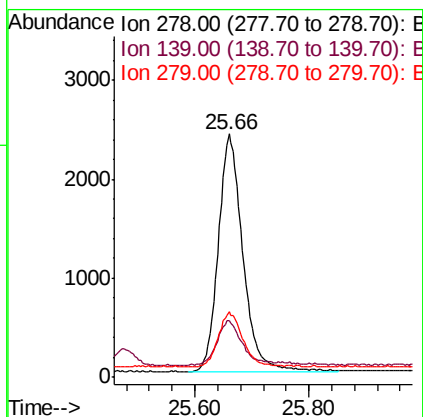
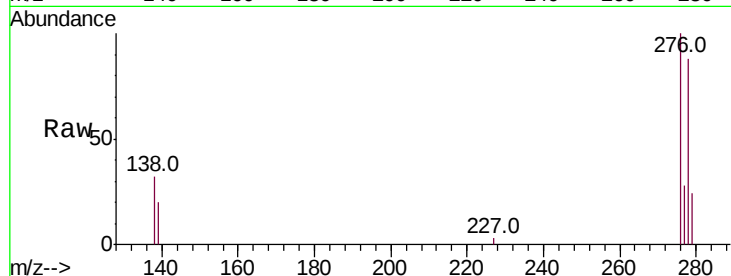


#25

Dibenzo(a,h)anthracene
 Concen: 0.495 ng/ul
 RT: 25.66 min Scan# 6178
 Delta R.T. -0.01 min
 Lab File: BN003065.D
 Acq: 10 Oct 2018 15:20

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 7116
 Ion Ratio Lower Upper
 278 100
 139 23.2 20.2 30.4
 279 26.9 23.8 35.8



#26

Benzo(g,h,i)perylene
 Concen: 0.712 ng/ul
 RT: 26.34 min Scan# 6380
 Delta R.T. -0.01 min
 Lab File: BN003065.D
 Acq: 10 Oct 2018 15:20

Tgt Ion:276 Resp: 10796
 Ion Ratio Lower Upper
 276 100
 138 25.9 23.0 34.4
 277 25.1 22.0 33.0

