

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006896.D
 Acq On : 18 Jul 2019 17:52
 Operator : HP/JU
 Sample : K3362-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 03:41:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

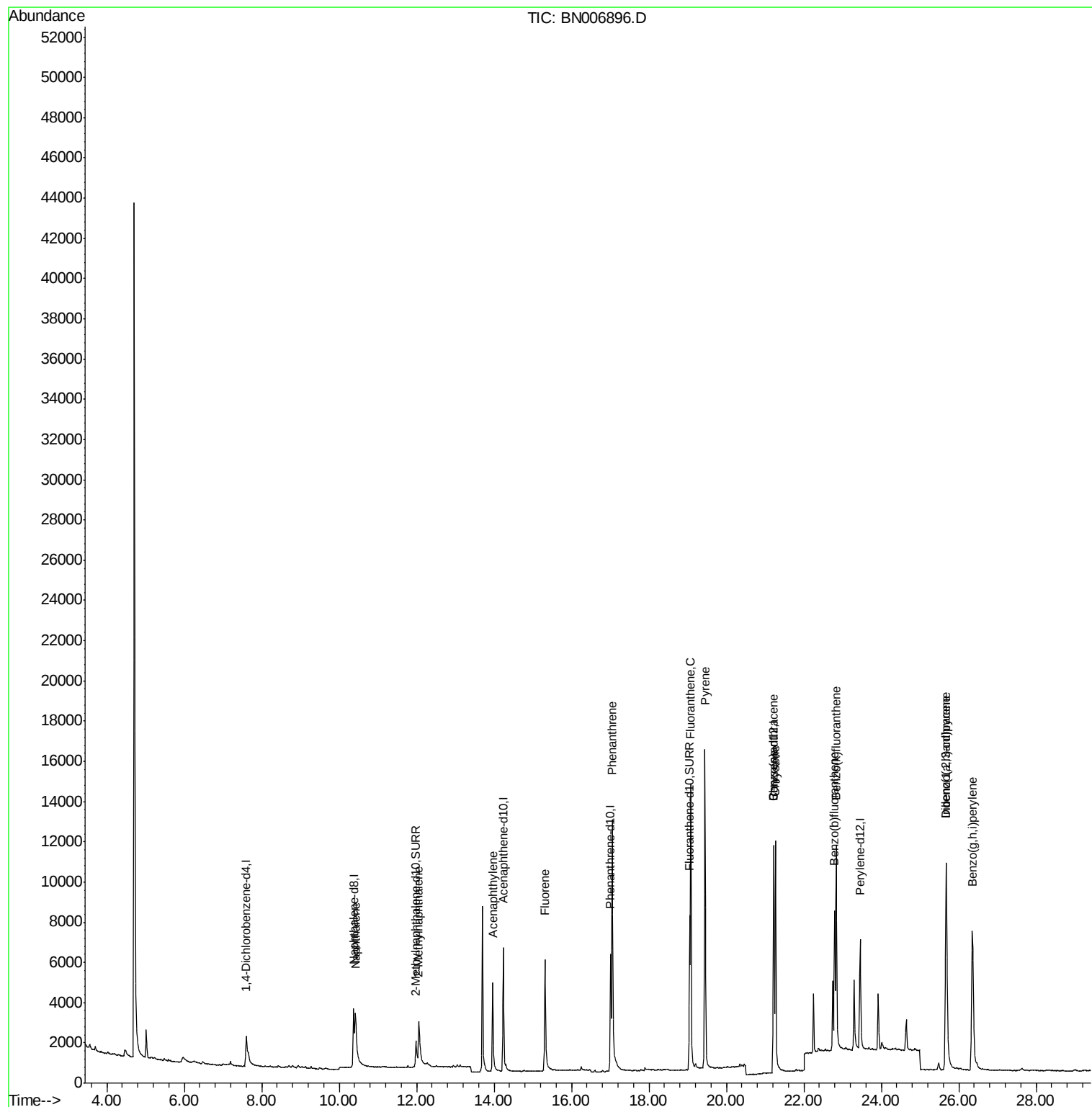
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1819	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	6931	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.24	164	3907	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8342	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7349	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	8087	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3373	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9287	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	6073	0.305	ng/ul#	94
5) 2-Methylnaphthalene	12.06	142	3356	0.250	ng/ul	99
7) Acenaphthylene	13.96	152	6393	0.317	ng/ul	98
9) Fluorene	15.31	166	5434	0.319	ng/ul	99
12) Phenanthrene	17.05	178	18837	0.702	ng/ul	99
15) Fluoranthene	19.08	202	14184	0.428	ng/ul	97
17) Pyrene	19.44	202	15919	0.474	ng/ul	99
18) Benzo(a)anthracene	21.21	228	8874	0.294	ng/ul	100
19) Chrysene	21.27	228	12401	0.368	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	8465	0.255	ng/ul	93
22) Benzo(k)fluoranthene	22.83	252	15171	0.437	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.68	276	12407	0.378	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.67	278	10451	0.400	ng/ul	98
26) Benzo(g,h,i)perylene	26.35	276	16480	0.600	ng/ul	97

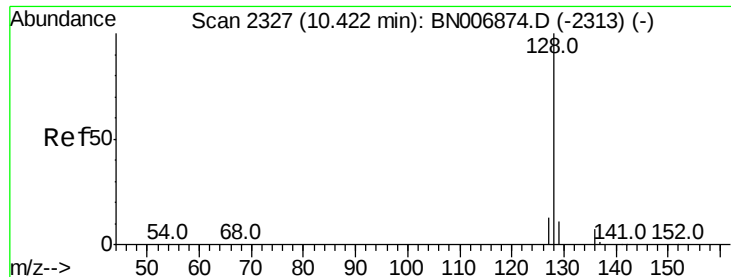
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.305 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

Instrument :

BNA_N

ClientSampleId :

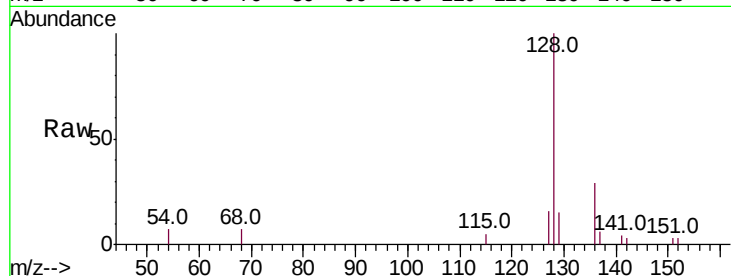
Tot Ion:128 Resp: 6073

Ion Ratio Lower Upper

128 100

129 14.5 9.4 14.0#

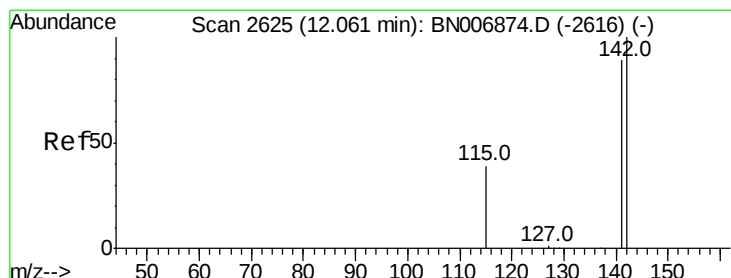
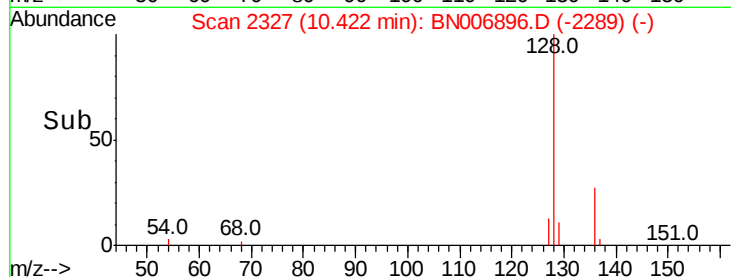
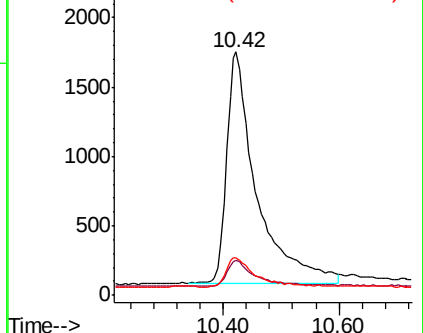
127 15.6 10.6 16.0



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: 0.250 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BN006896.D

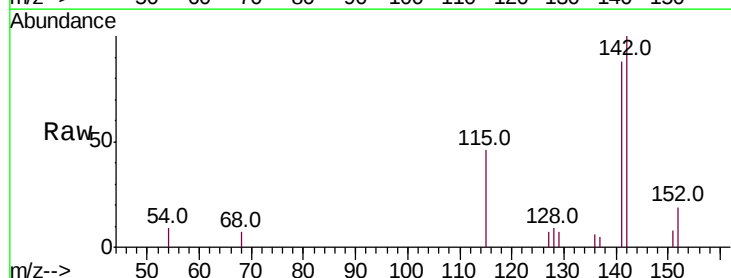
Acq: 18 Jul 2019 17:52

Tgt Ion:142 Resp: 3356

Ion Ratio Lower Upper

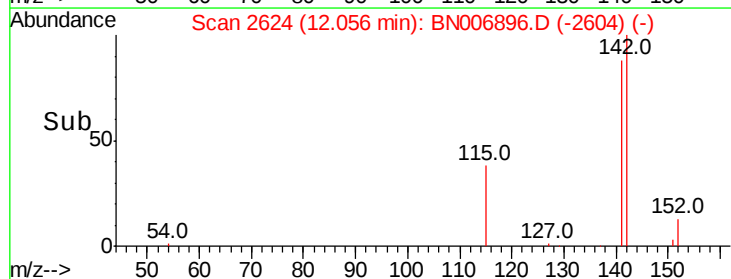
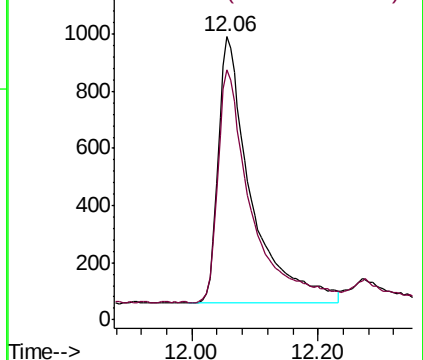
142 100

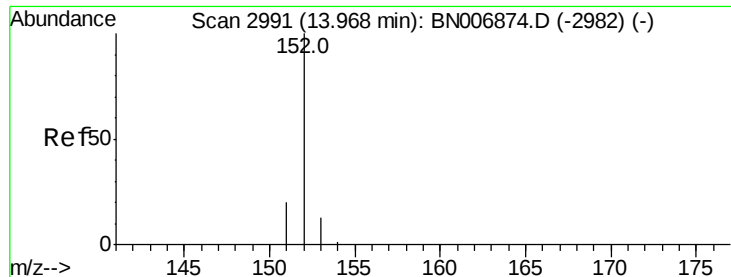
141 89.1 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.317 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

Instrument :

BNA_N

ClientSampleId :

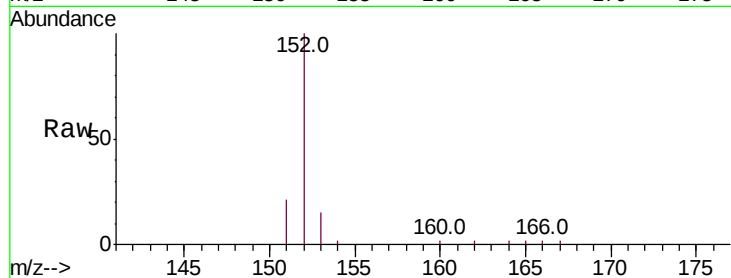
Tot Ion:152 Resp: 6393

Ion Ratio Lower Upper

152 100

151 21.4 16.1 24.1

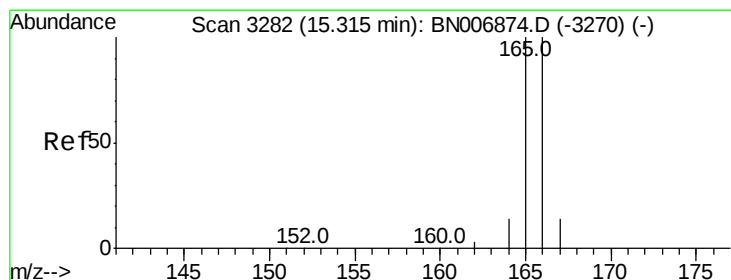
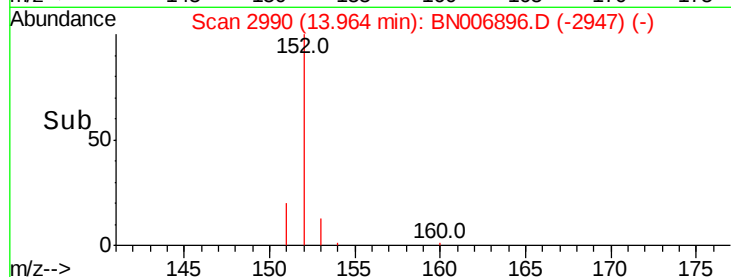
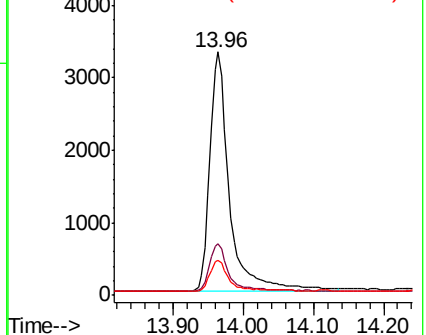
153 14.5 11.2 16.8



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: 0.319 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

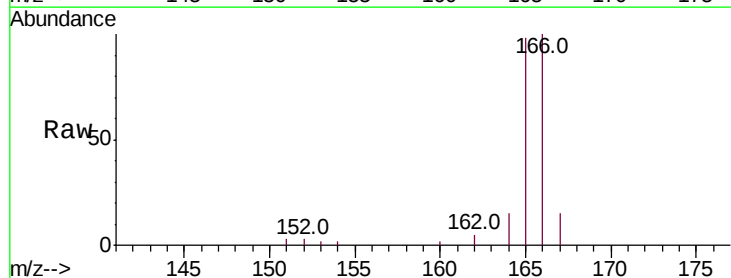
Tgt Ion:166 Resp: 5434

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

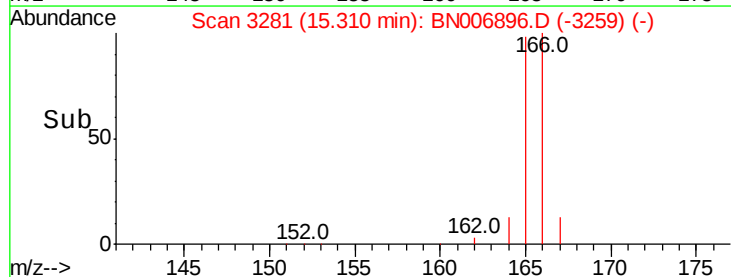
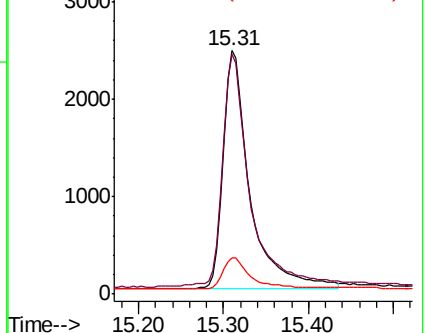
167 15.1 11.3 16.9

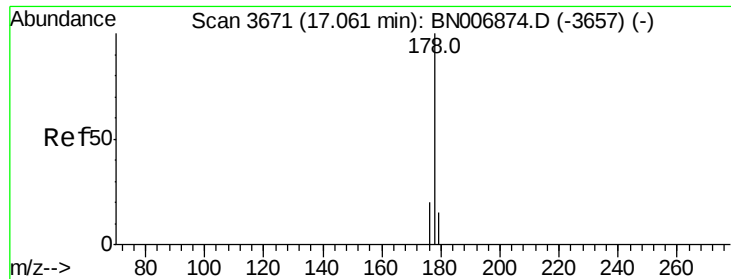


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.702 ng/ul

RT: 17.05 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

Instrument :

BNA_N

ClientSampleId :

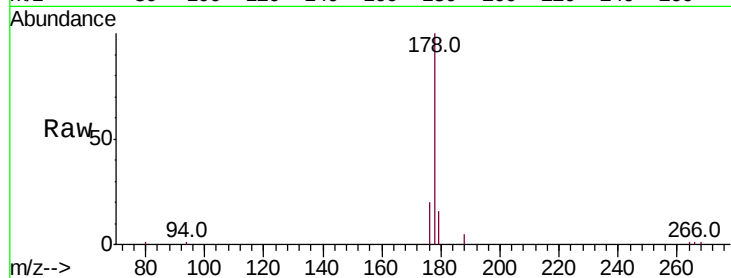
Tot Ion:178 Resp: 18837

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

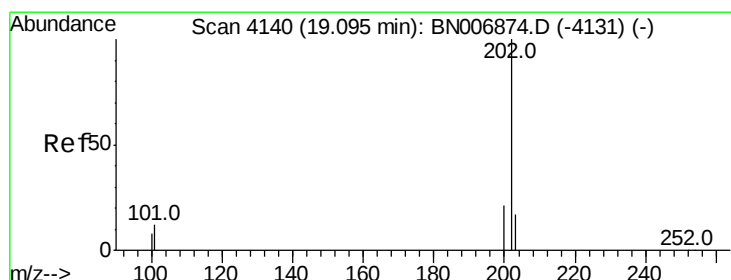
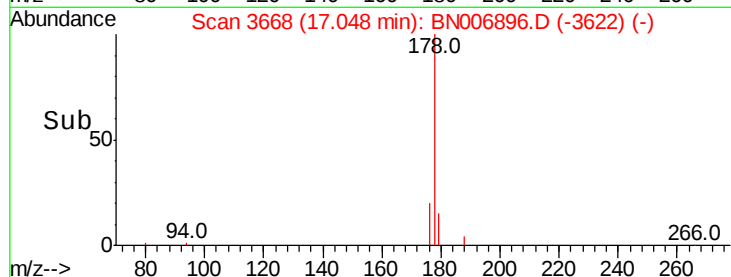
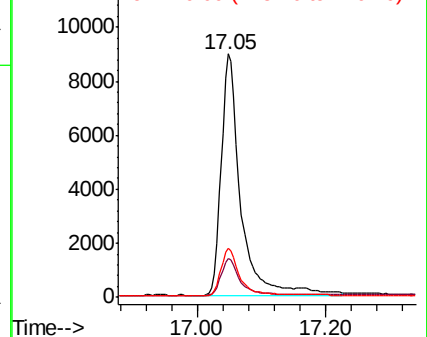
176 20.4 15.8 23.8



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: 0.428 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.00 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

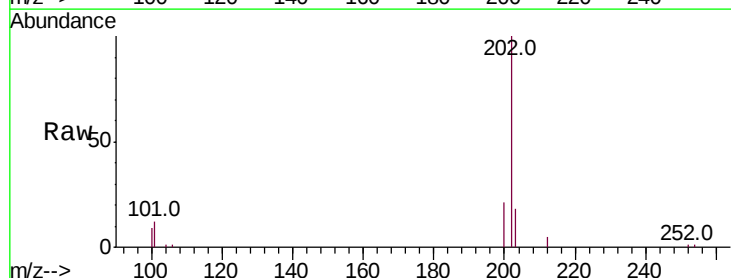
Tgt Ion:202 Resp: 14184

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.2

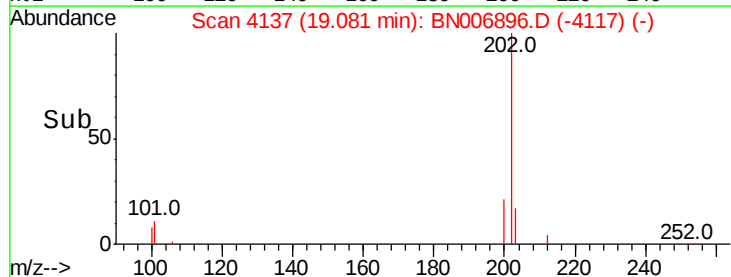
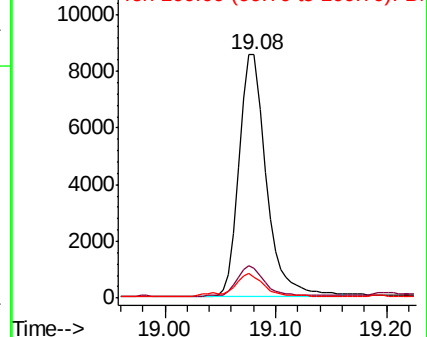
100 8.8 0.0 29.9

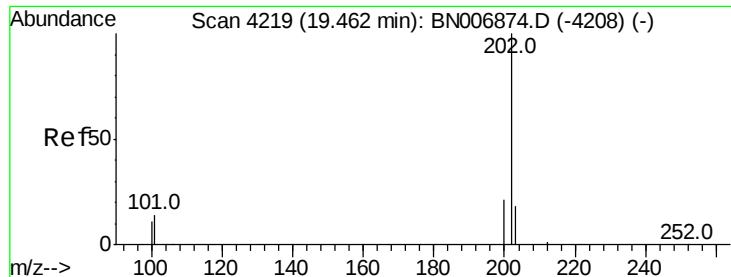


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

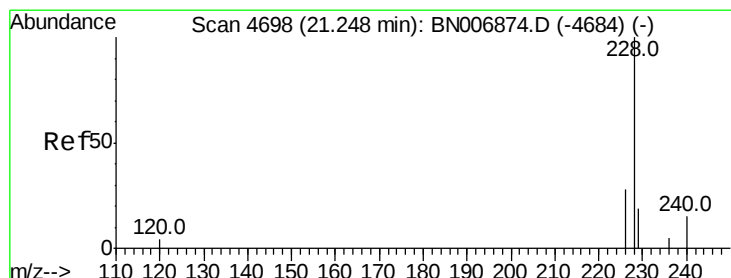
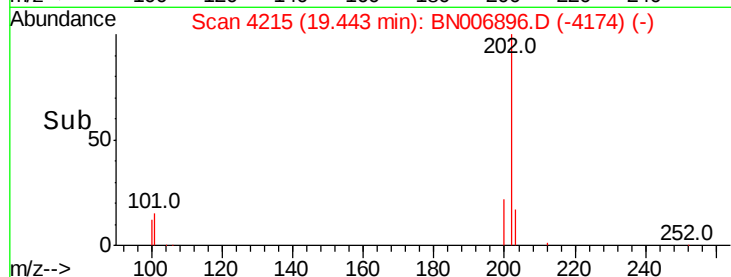
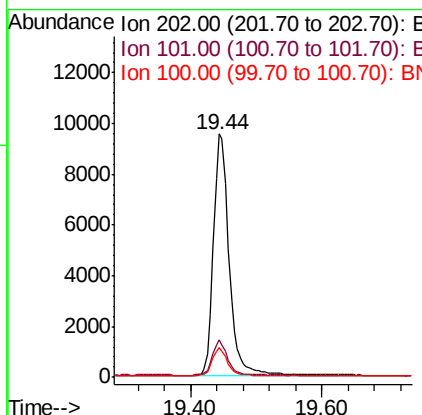
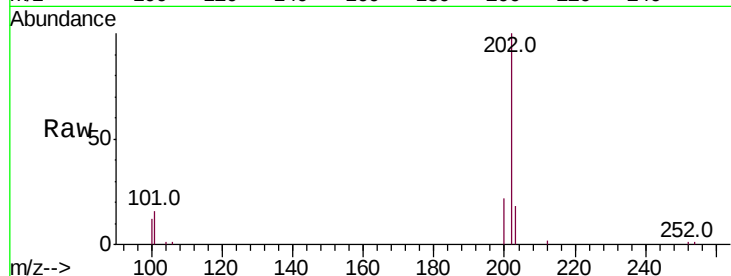




#17
Pvrene
Concen: 0.474 ng/ul
RT: 19.44 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN006896.D
Acq: 18 Jul 2019 17:52

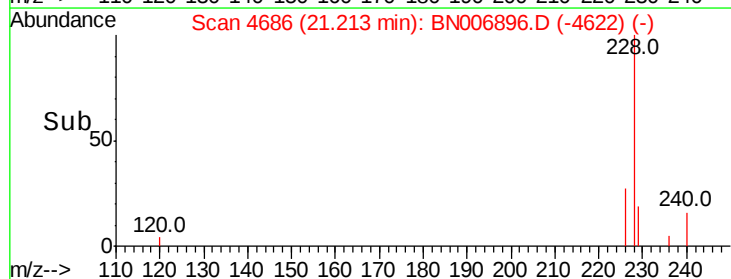
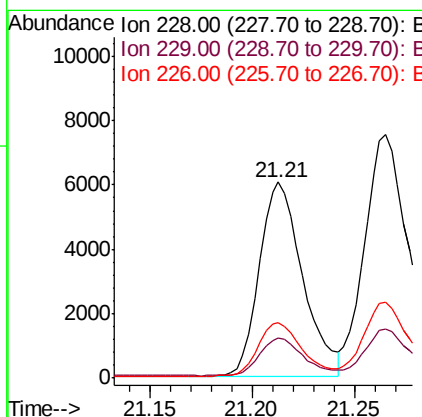
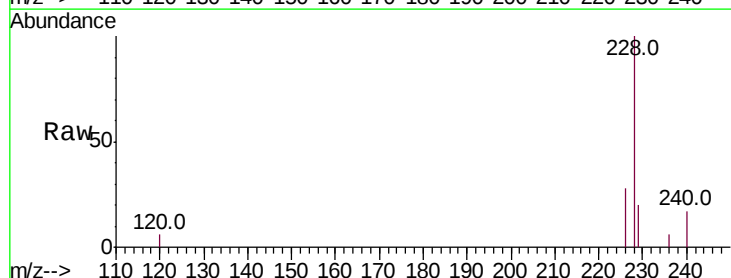
Instrument :
BNA_N
ClientSampleId :

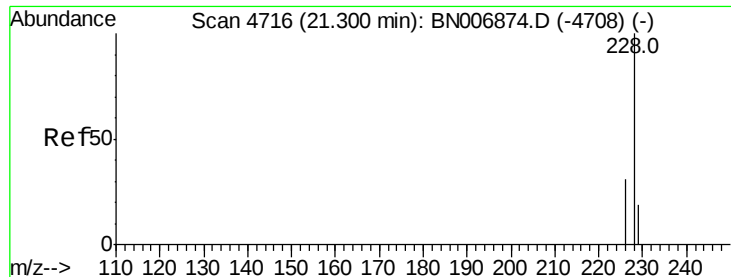
Tot Ion:202 Resp: 15919
Ion Ratio Lower Upper
202 100
101 15.6 12.2 18.2
100 12.3 9.8 14.8



#18
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.21 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN006896.D
Acq: 18 Jul 2019 17:52

Tgt Ion:228 Resp: 8874
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.4 22.6 34.0





#19

Chrysene

Concen: 0.368 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. -0.01 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

Instrument :

BNA_N

ClientSampleId :

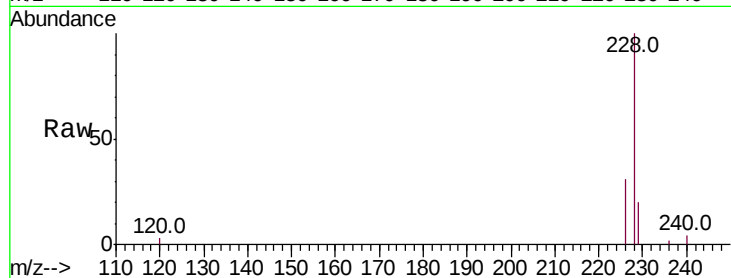
Tot Ion:228 Resp: 12401

Ion Ratio Lower Upper

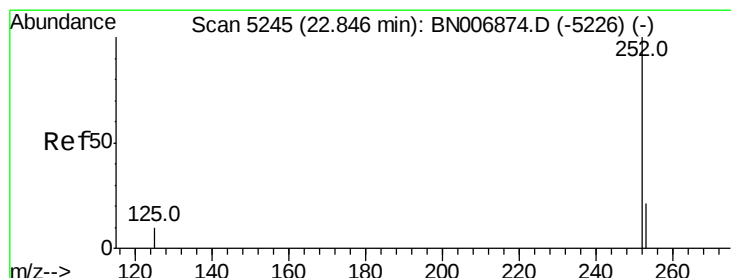
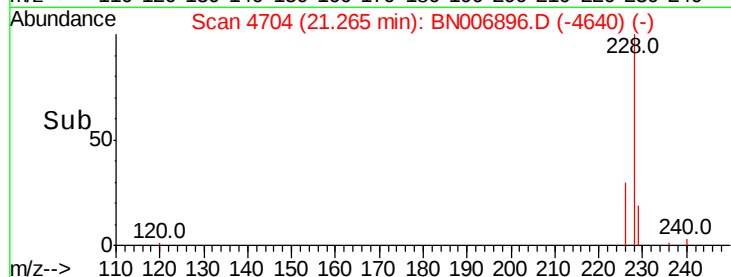
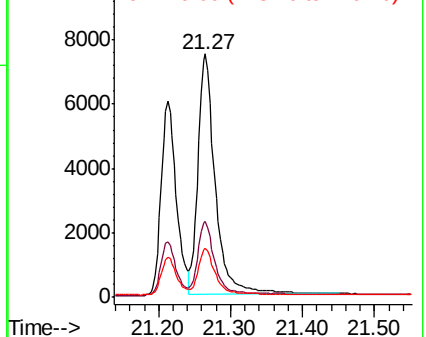
228 100

226 31.0 24.2 36.4

229 20.2 15.5 23.3



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: 0.255 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. -0.01 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

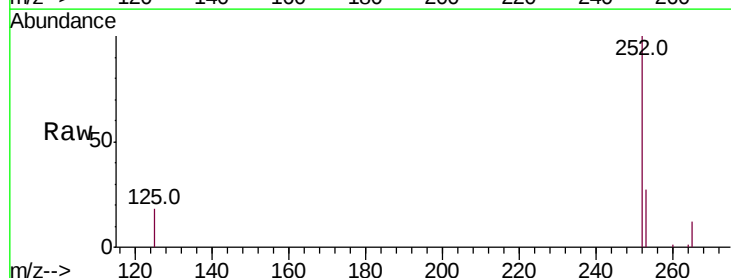
Tgt Ion:252 Resp: 8465

Ion Ratio Lower Upper

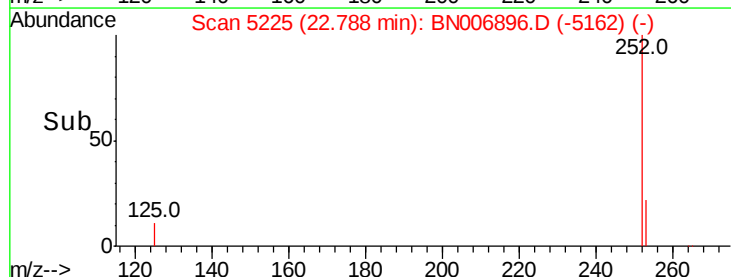
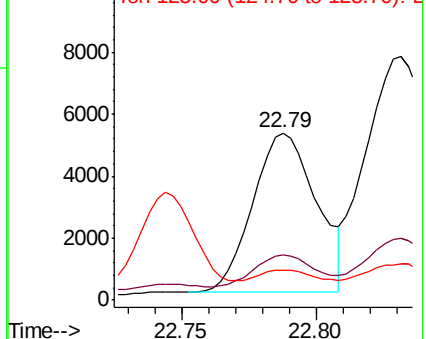
252 100

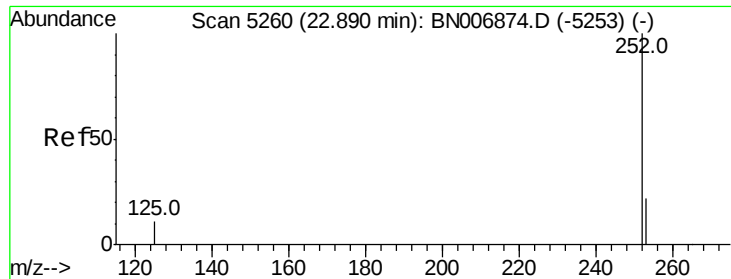
253 26.9 0.0 47.8

125 17.8 0.0 29.2



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: 0.437 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.01 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

Instrument :

BNA_N

ClientSampleId :

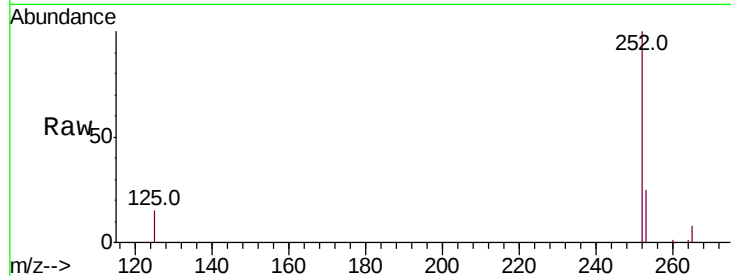
Tot Ion:252 Resp: 15171

Ion Ratio Lower Upper

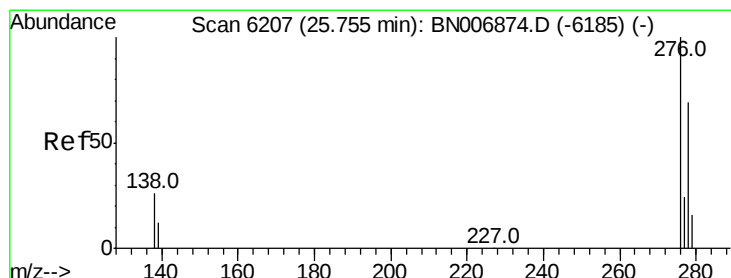
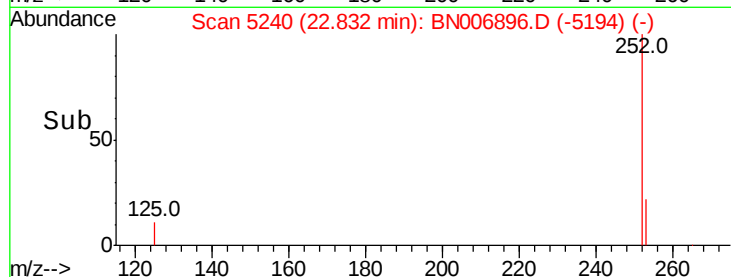
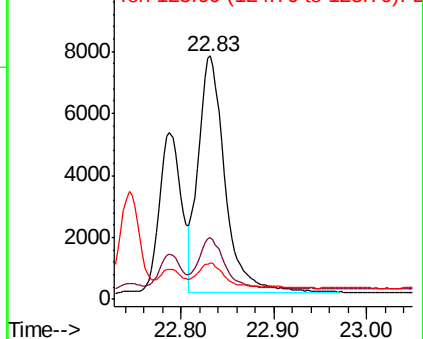
252 100

253 25.3 19.2 28.8

125 15.1 11.0 16.6



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: 0.378 ng/ul

RT: 25.68 min Scan# 6184

Delta R.T. -0.02 min

Lab File: BN006896.D

Acq: 18 Jul 2019 17:52

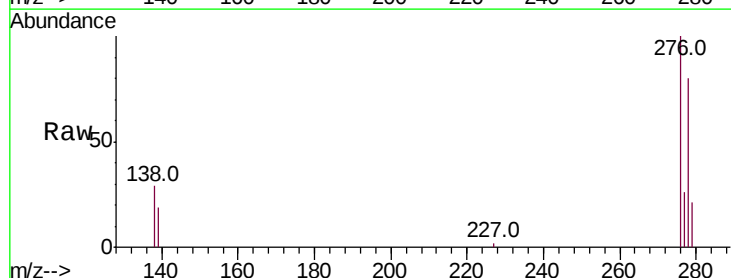
Tgt Ion:276 Resp: 12407

Ion Ratio Lower Upper

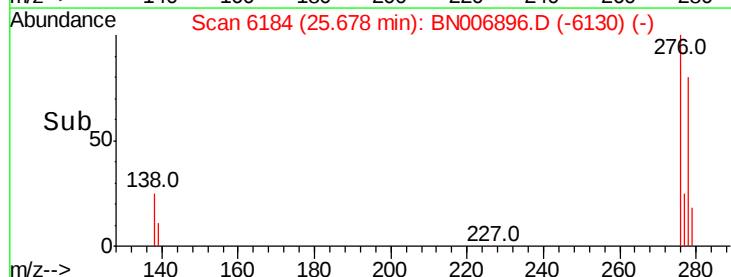
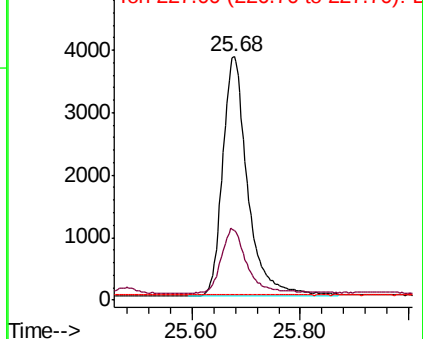
276 100

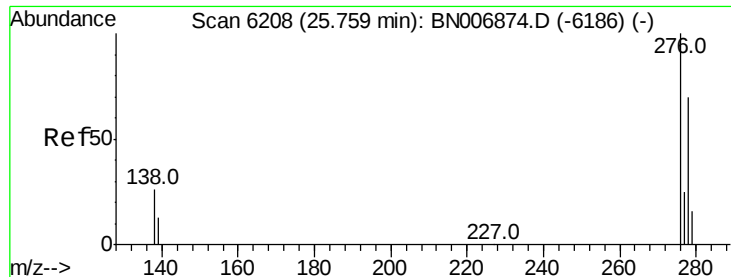
138 27.9 24.3 36.5

227 0.2 0.2 0.4#



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

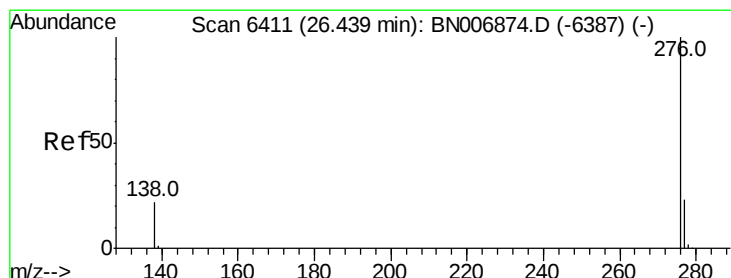
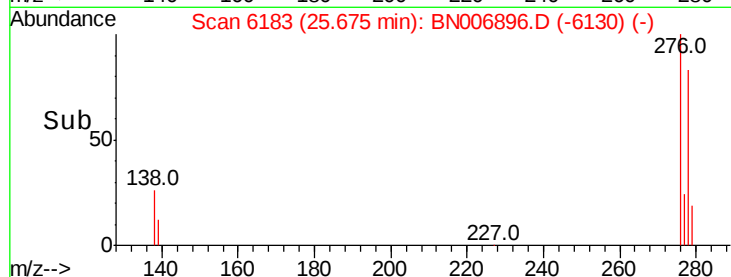
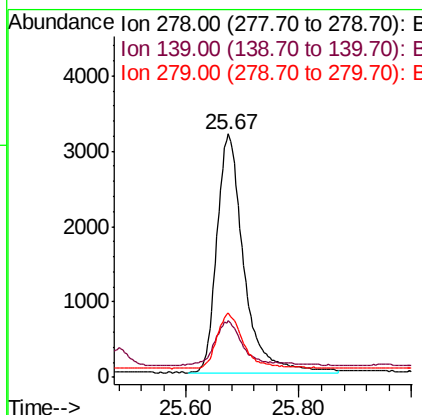
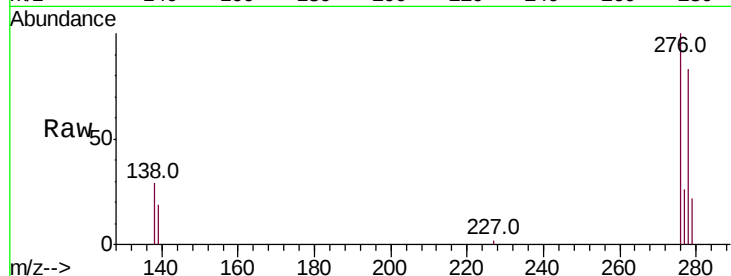




#25
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.67 min Scan# 6183
Delta R.T. -0.02 min
Lab File: BN006896.D
Acq: 18 Jul 2019 17:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 10451
Ion Ratio Lower Upper
278 100
139 23.1 18.1 27.1
279 26.6 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.600 ng/ul
RT: 26.35 min Scan# 6385
Delta R.T. -0.03 min
Lab File: BN006896.D
Acq: 18 Jul 2019 17:52

Tgt Ion:276 Resp: 16480
Ion Ratio Lower Upper
276 100
138 25.1 22.2 33.2
277 25.1 19.5 29.3

