

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071919\
 Data File : BN006921.D
 Acq On : 19 Jul 2019 13:15
 Operator : HP/JU
 Sample : K3362-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 23:32:58 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 19 23:29:55 2019
 Response via : Initial Calibration

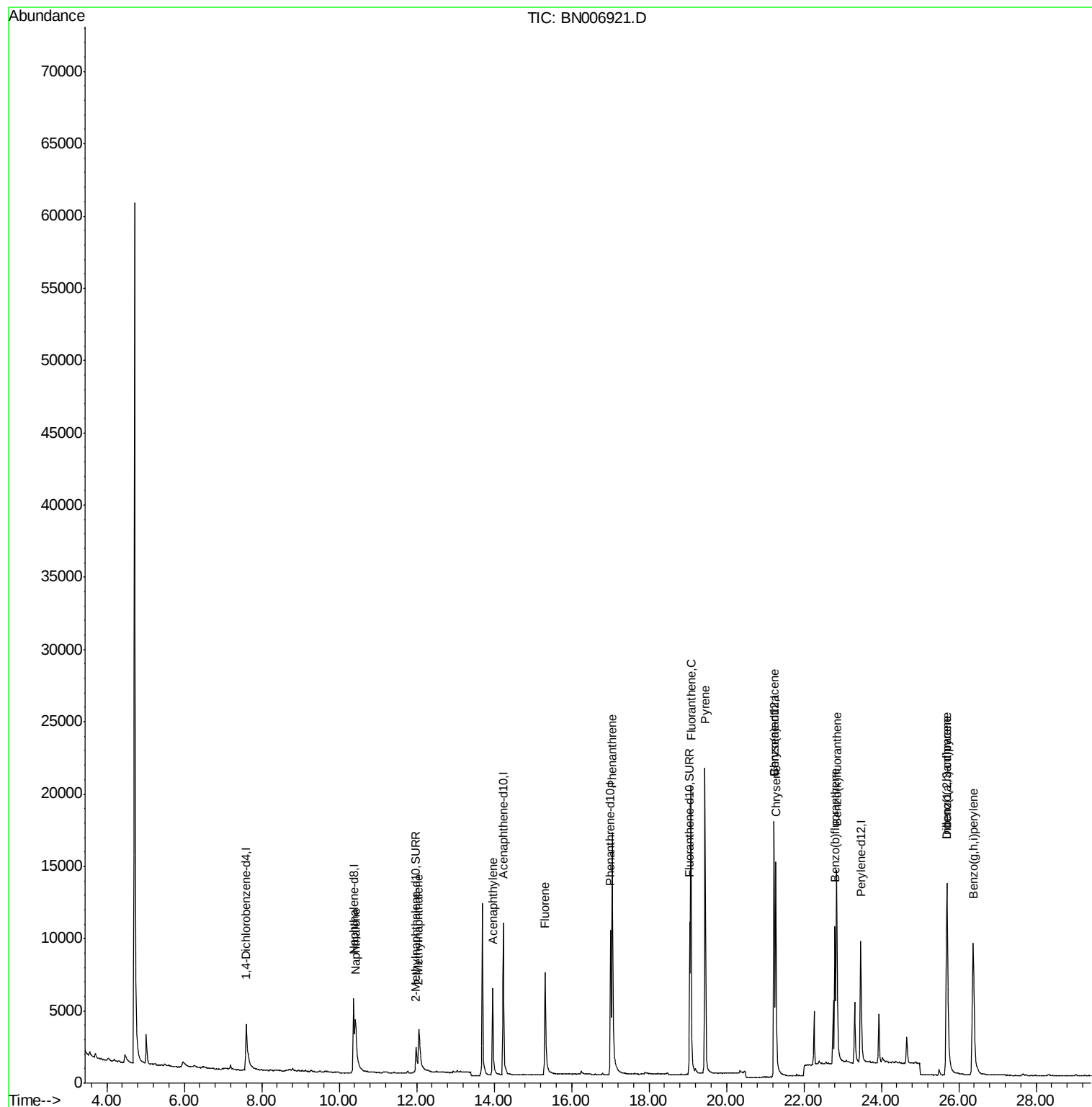
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3527	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	12073	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	6764	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	14514	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	12169	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	13323	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4832	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	12827	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	7706	0.222	ng/ul	95
5) 2-Methylnaphthalene	12.06	142	4658	0.199	ng/ul	99
7) Acenaphthylene	13.96	152	8637	0.247	ng/ul	99
9) Fluorene	15.31	166	7524	0.255	ng/ul	99
12) Phenanthrene	17.05	178	25961	0.556	ng/ul	100
15) Fluoranthene	19.08	202	19718	0.342	ng/ul	99
17) Pyrene	19.45	202	22057	0.397	ng/ul	98
18) Benzo(a)anthracene	21.22	228	11955	0.239	ng/ul	99
19) Chrysene	21.27	228	17717	0.318	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	11862	0.217	ng/ul	97
22) Benzo(k)fluoranthene	22.84	252	21180	0.371	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.69	276	17116	0.316	ng/ul	95
25) Dibenzo(a,h)anthracene	25.69	278	14214	0.330	ng/ul	98
26) Benzo(g,h,i)perylene	26.37	276	22961	0.507	ng/ul	96

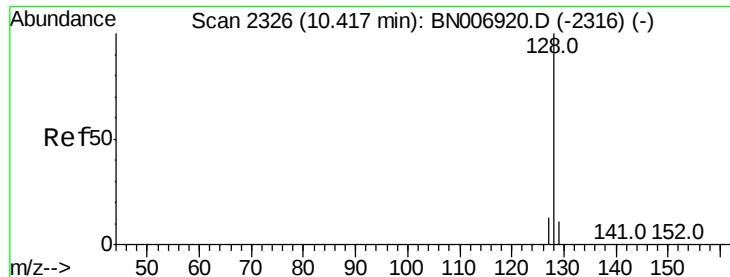
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 23:29:55 2019
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#3

Naphthalene

Concen: 0.222 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

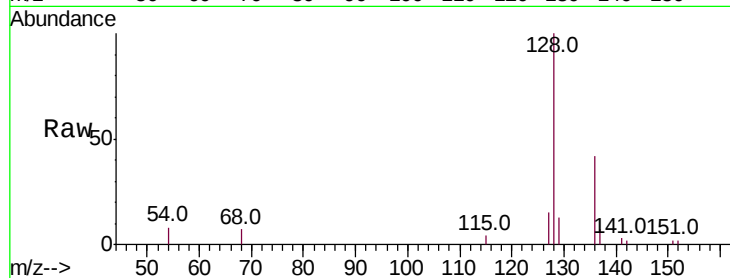
Tot Ion:128 Resp: 7706

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.0

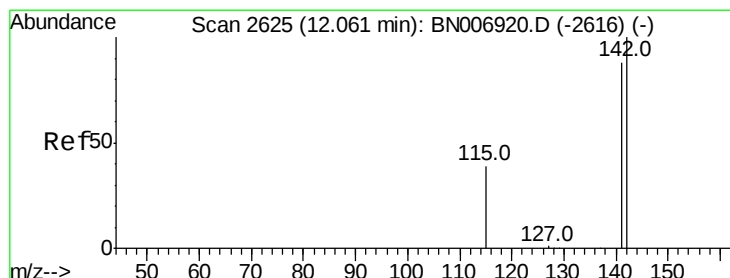
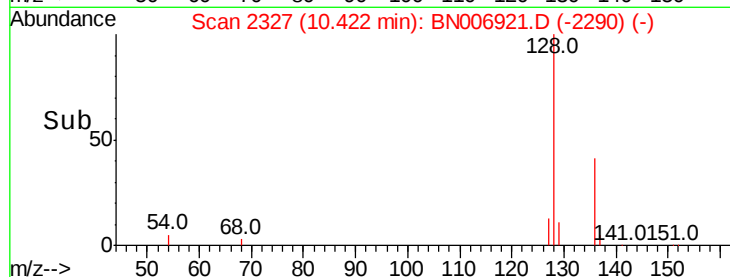
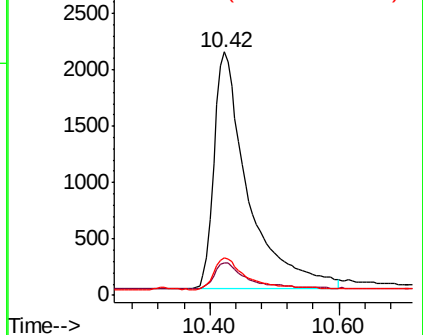
127 15.2 10.6 16.0



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: 0.199 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN006921.D

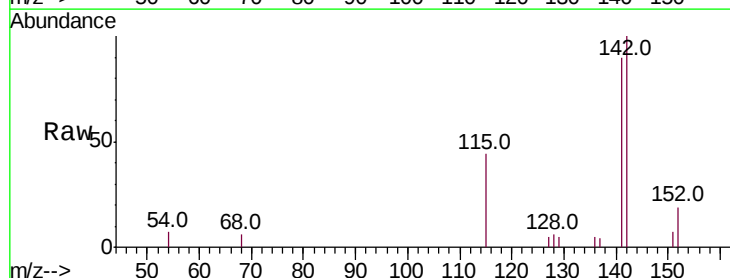
Acq: 19 Jul 2019 13:15

Tgt Ion:142 Resp: 4658

Ion Ratio Lower Upper

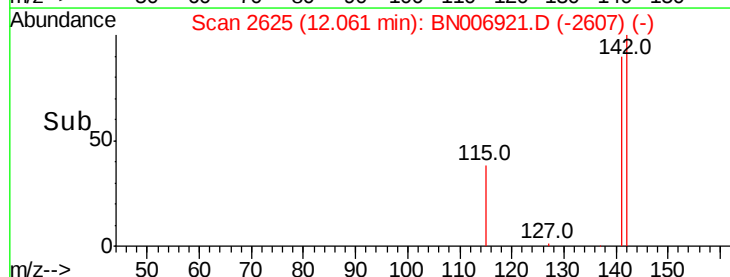
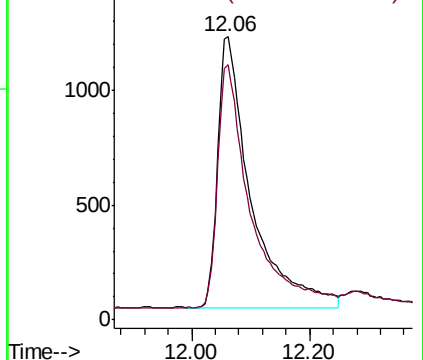
142 100

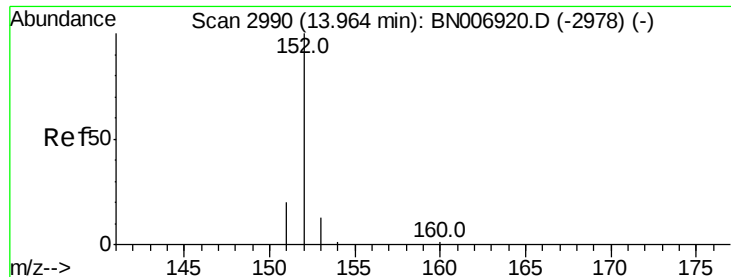
141 88.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.247 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

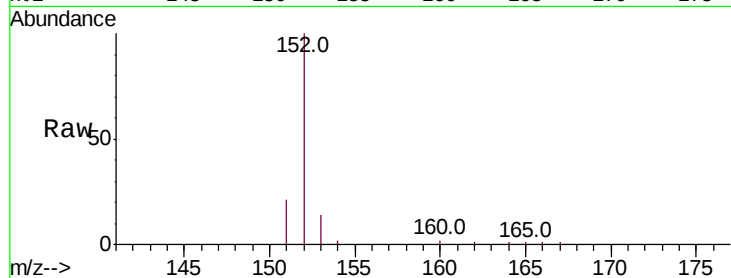
Tot Ion:152 Resp: 8637

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

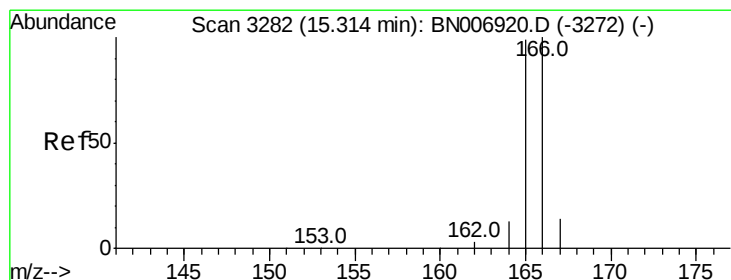
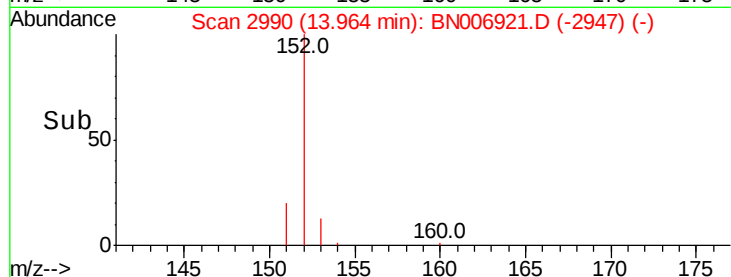
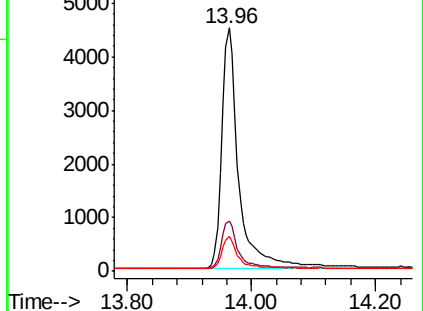
153 14.2 11.2 16.8



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: 0.255 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

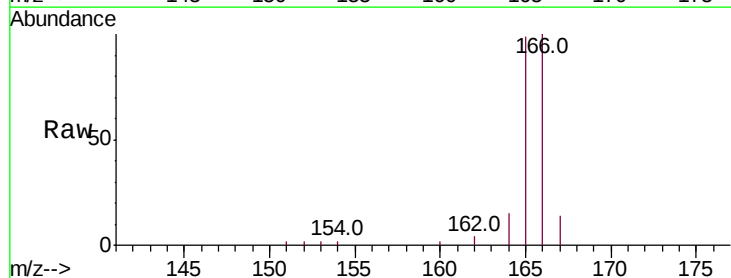
Tgt Ion:166 Resp: 7524

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

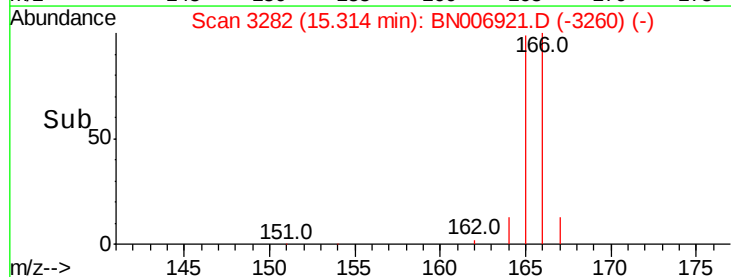
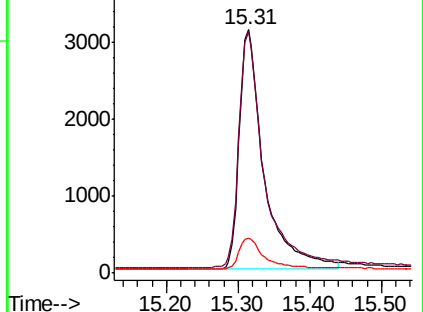
167 14.3 11.3 16.9

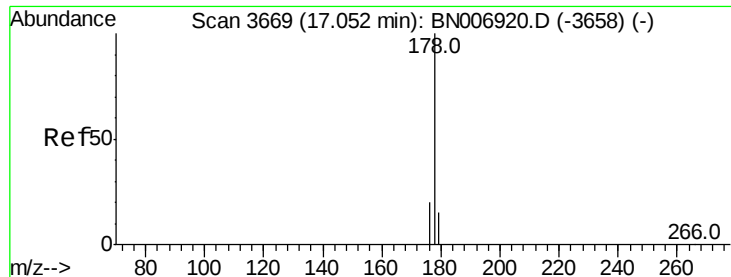


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.556 ng/ul

RT: 17.05 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

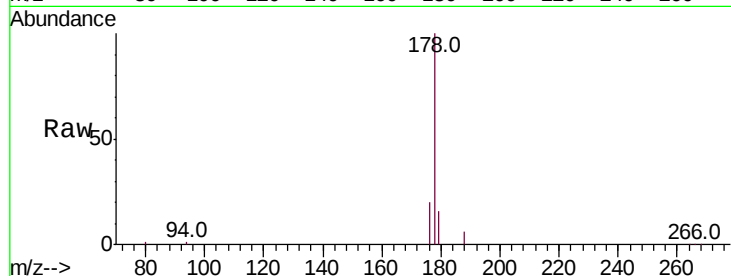
Tot Ion:178 Resp: 25961

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

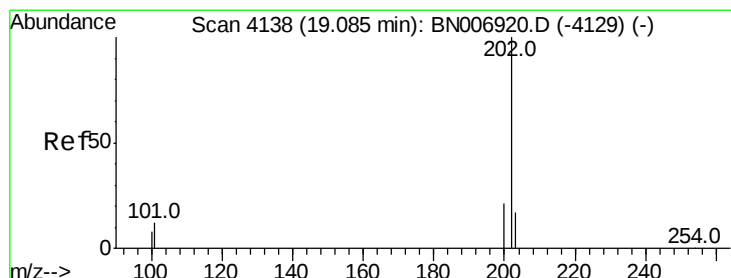
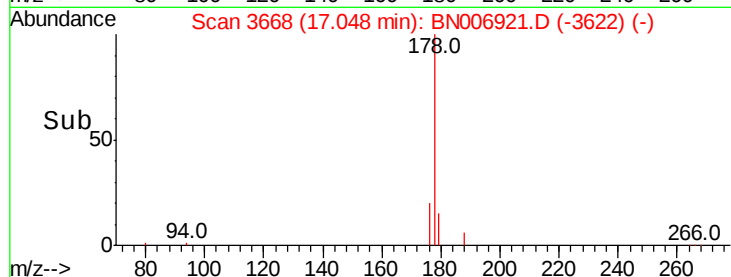
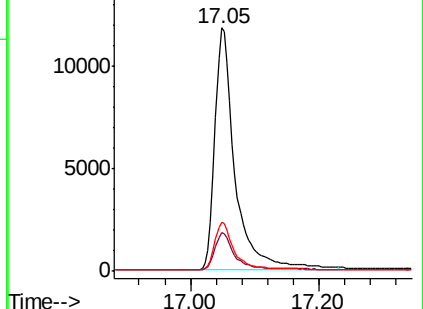
176 20.1 15.8 23.8



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: 0.342 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

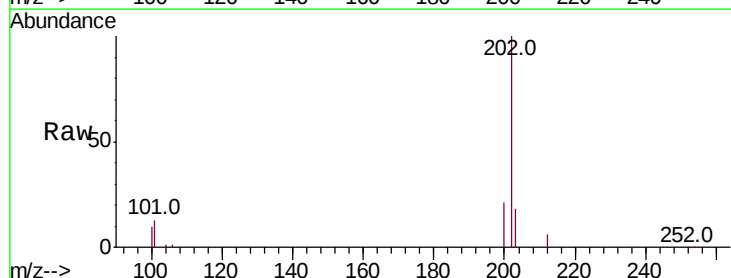
Tgt Ion:202 Resp: 19718

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

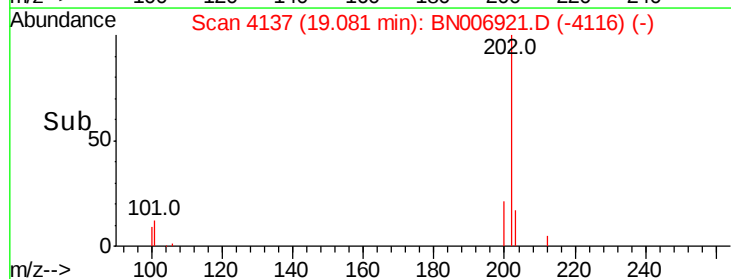
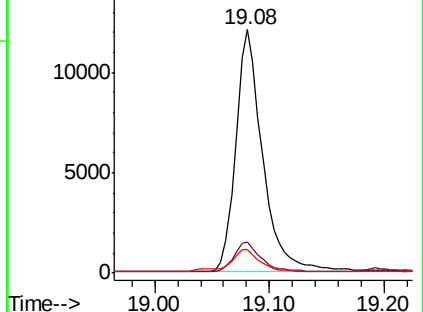
100 9.6 0.0 29.9

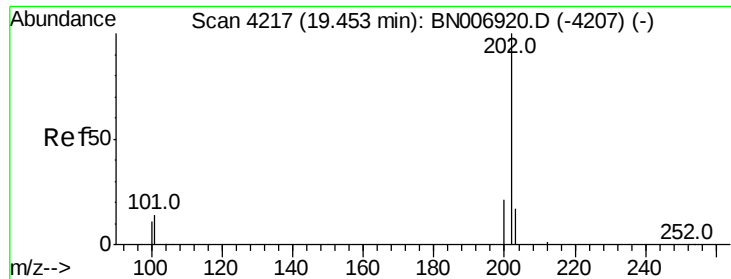


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.397 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

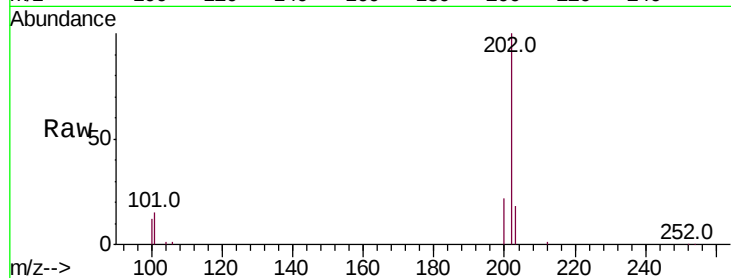
Tot Ion:202 Resp: 22057

Ion Ratio Lower Upper

202 100

101 14.6 12.2 18.2

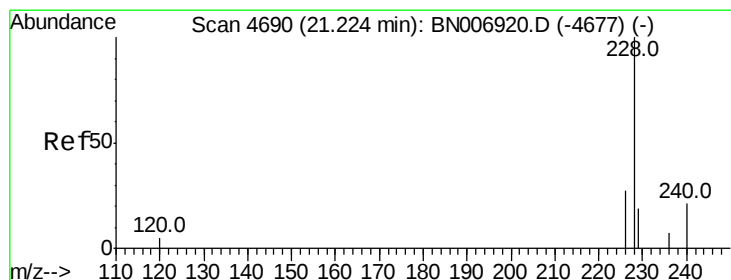
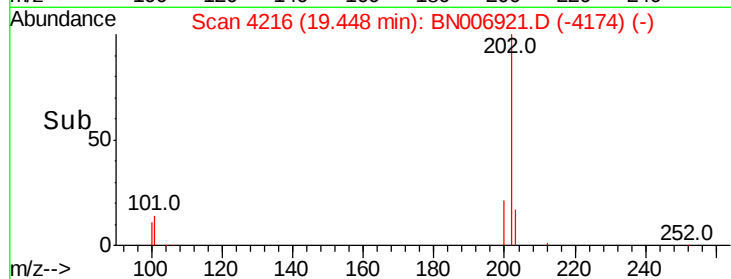
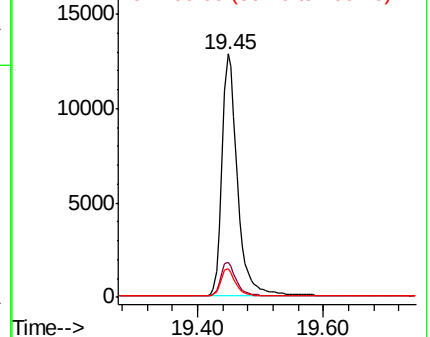
100 11.6 9.8 14.8



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



#18

Benzo(a)anthracene

Concen: 0.239 ng/ul

RT: 21.22 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

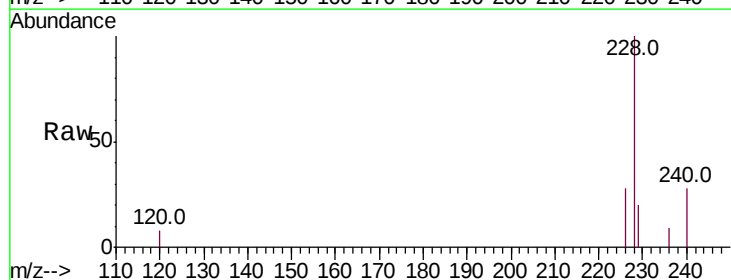
Tgt Ion:228 Resp: 11955

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

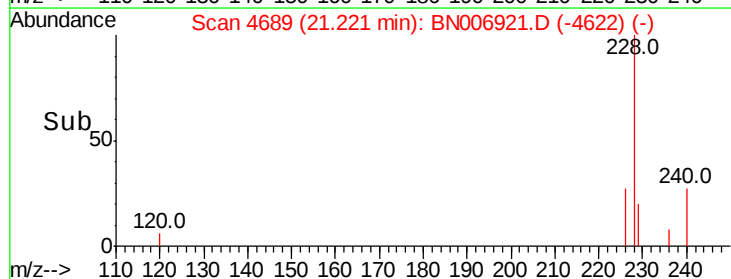
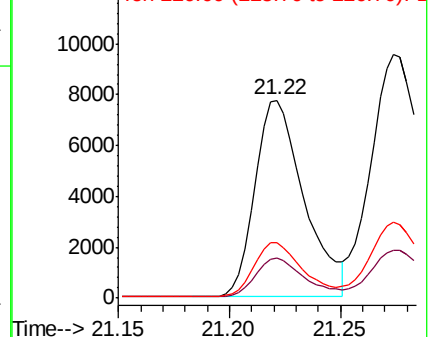
226 27.9 22.6 34.0

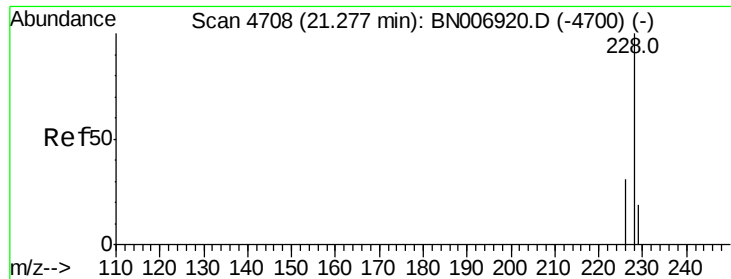


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.318 ng/ul

RT: 21.27 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

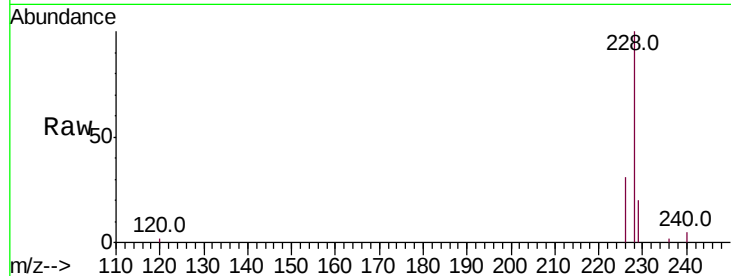
Tot Ion:228 Resp: 17717

Ion Ratio Lower Upper

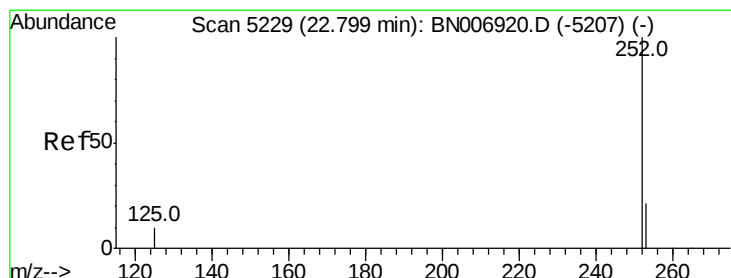
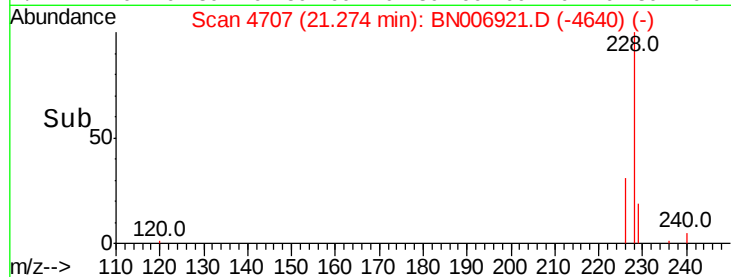
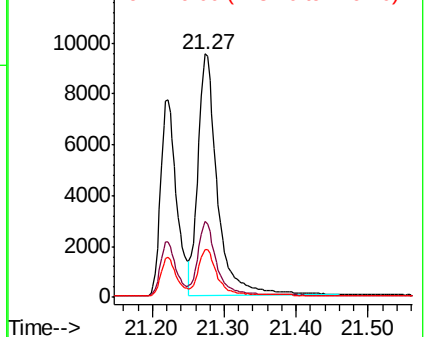
228 100

226 31.2 24.2 36.4

229 19.6 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: 0.217 ng/ul

RT: 22.80 min Scan# 5230

Delta R.T. 0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

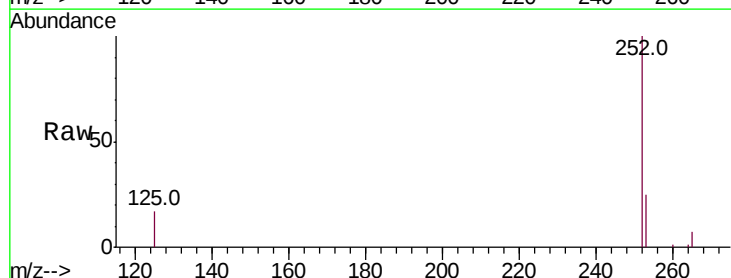
Tgt Ion:252 Resp: 11862

Ion Ratio Lower Upper

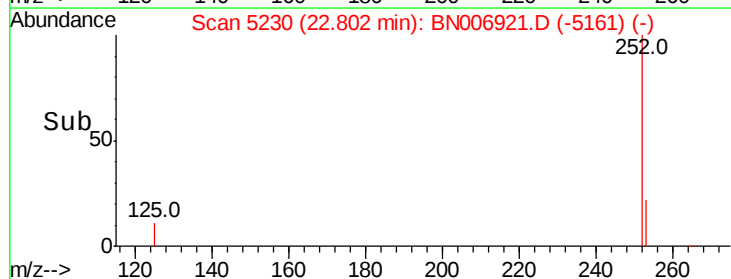
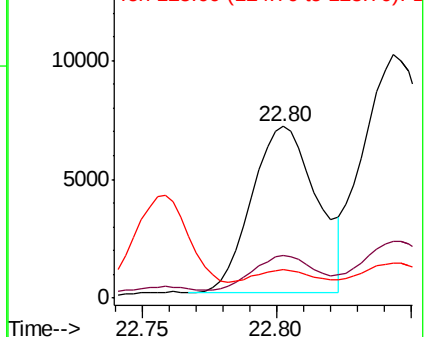
252 100

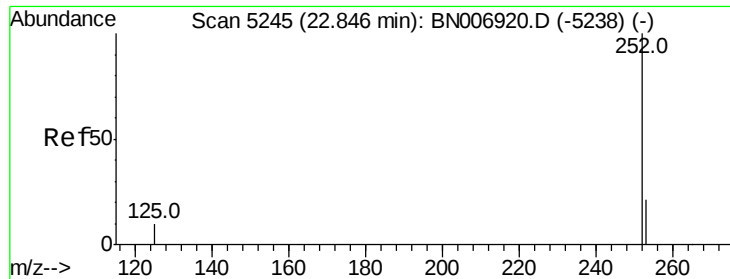
253 24.9 0.0 47.8

125 16.5 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: 0.371 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

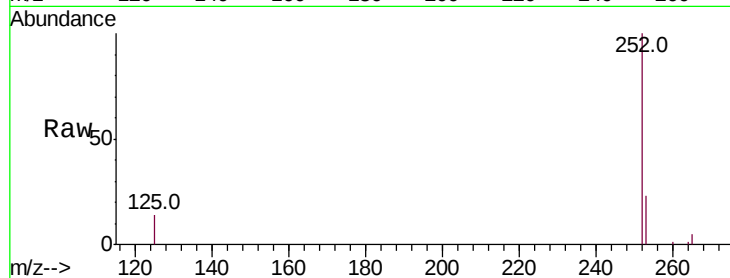
Tot Ion:252 Resp: 21180

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

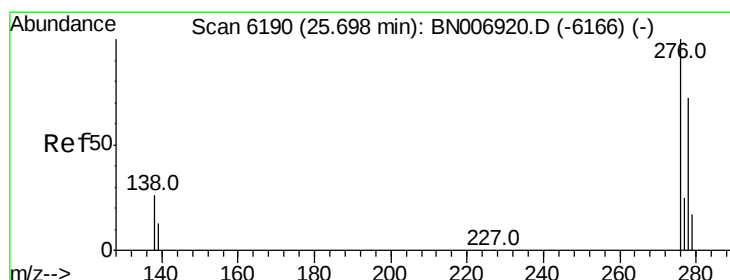
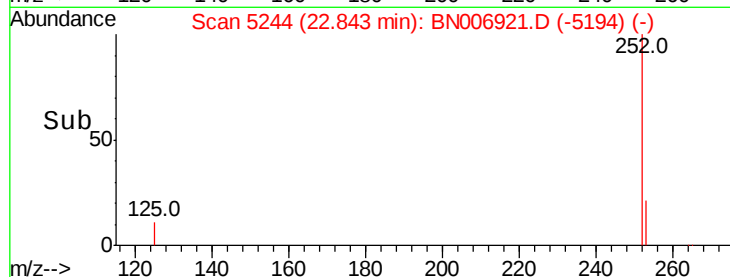
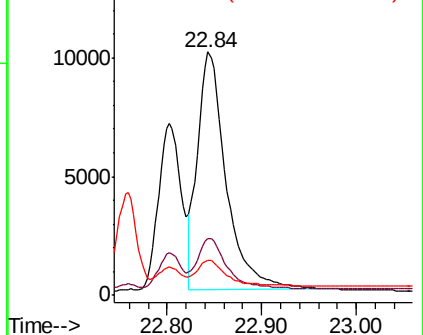
125 14.2 11.0 16.6



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: 0.316 ng/ul

RT: 25.69 min Scan# 6188

Delta R.T. -0.01 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

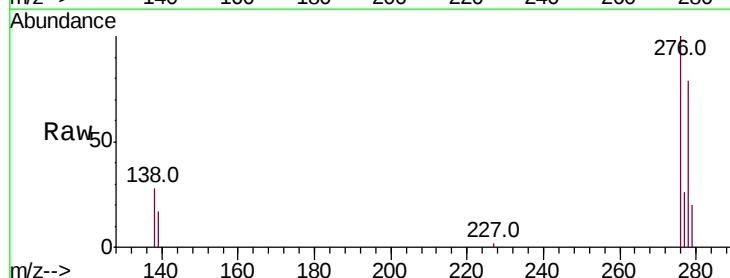
Tgt Ion:276 Resp: 17116

Ion Ratio Lower Upper

276 100

138 27.4 24.3 36.5

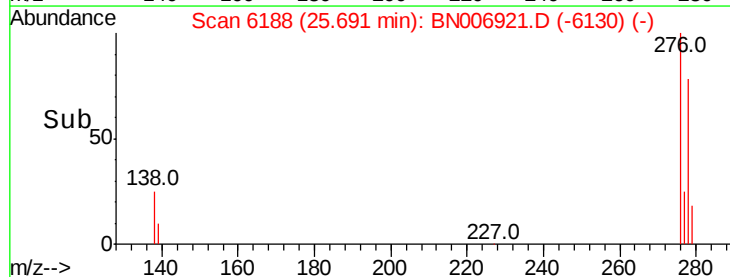
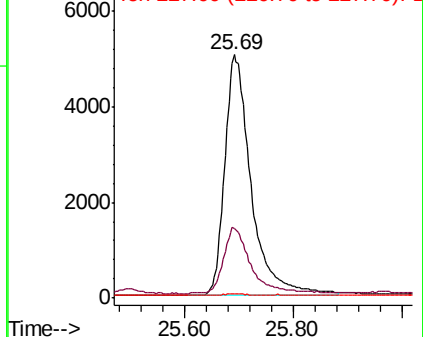
227 0.3 0.2 0.4

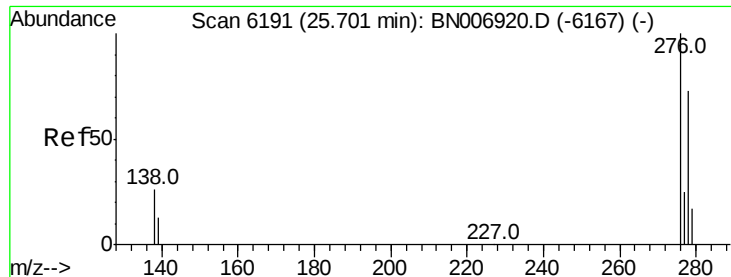


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.330 ng/ul

RT: 25.69 min Scan# 6188

Delta R.T. -0.01 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

Instrument :

BNA_N

ClientSampleId :

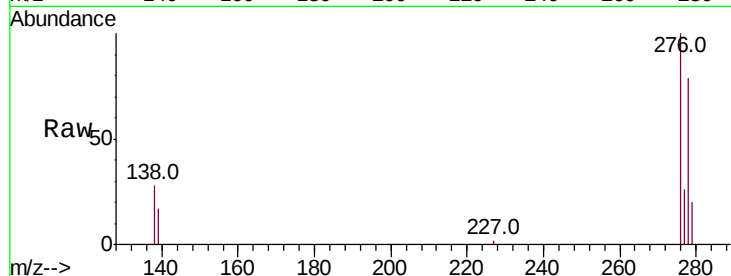
Tot Ion:278 Resp: 14214

Ion Ratio Lower Upper

278 100

139 21.8 18.1 27.1

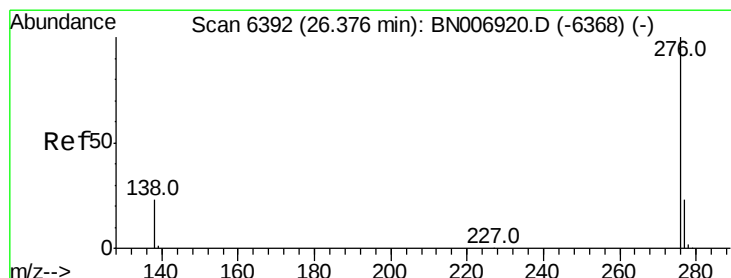
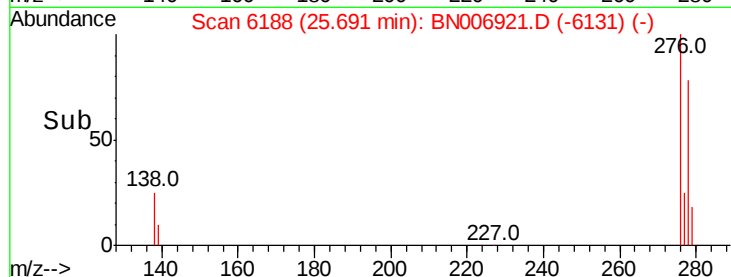
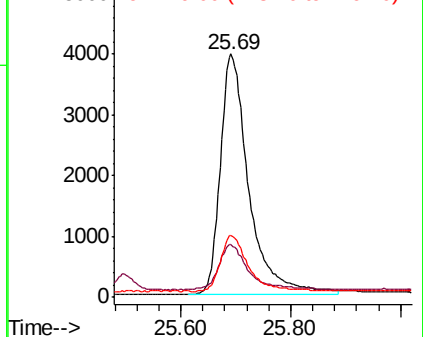
279 25.5 19.8 29.6



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: 0.507 ng/ul

RT: 26.37 min Scan# 6391

Delta R.T. -0.00 min

Lab File: BN006921.D

Acq: 19 Jul 2019 13:15

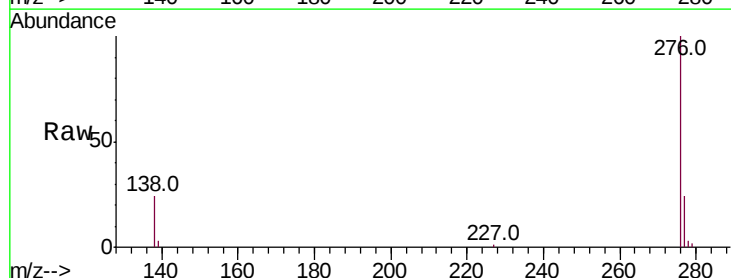
Tgt Ion:276 Resp: 22961

Ion Ratio Lower Upper

276 100

138 24.3 22.2 33.2

277 24.2 19.5 29.3



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

