

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006566.D
 Acq On : 25 Jun 2019 11:38
 Operator : HP/JU
 Sample : K3362-22
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41R6

Quant Time: Jun 25 12:25:15 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

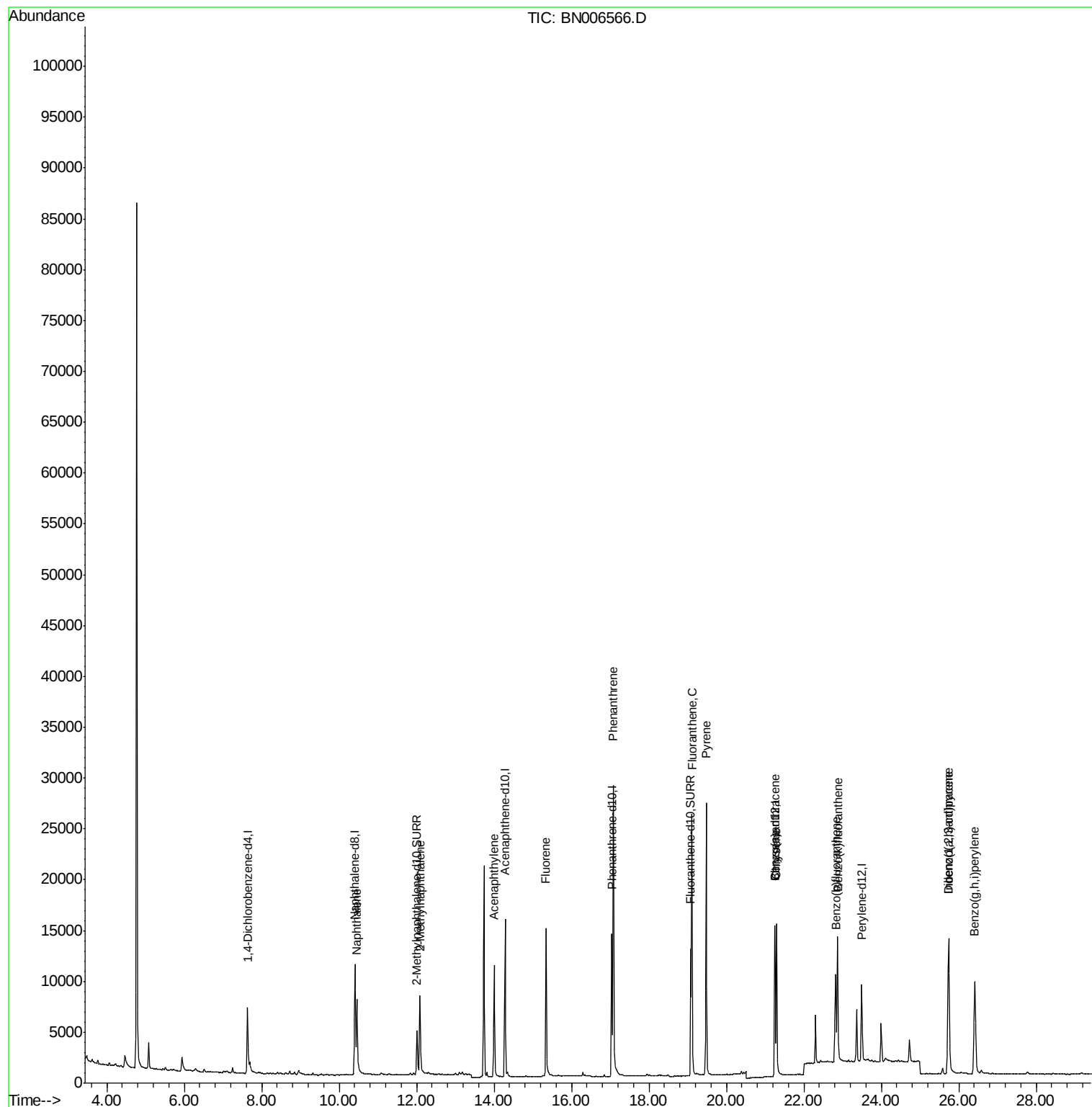
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4635	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9037	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17352	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9628	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	10136	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7354	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	13810	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	11423	0.235	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	7134	0.211	ng/ul	99
7) Acenaphthylene	14.00	152	13876	0.276	ng/ul	99
9) Fluorene	15.34	166	11003	0.270	ng/ul	97
12) Phenanthrene	17.08	178	33505	0.602	ng/ul	99
15) Fluoranthene	19.11	202	21806	0.355	ng/ul	96
17) Pyrene	19.48	202	23434	0.462	ng/ul	100
18) Benzo(a)anthracene	21.24	228	11198	0.263	ng/ul	99
19) Chrysene	21.30	228	14367	0.359	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	10309	0.244	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	16566	0.402	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.74	276	14218	0.334	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.74	278	11885	0.349	ng/ul	98
26) Benzo(g,h,i)perylene	26.41	276	18744	0.525	ng/ul	96

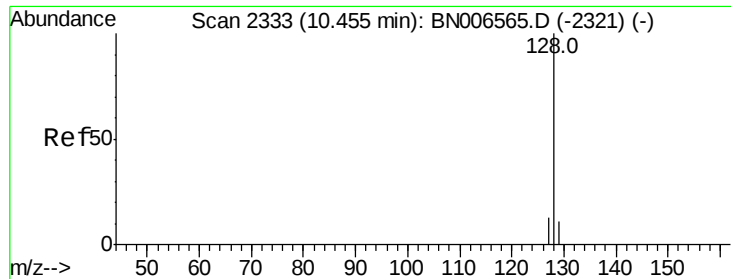
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.235 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

Instrument :

BNA_N

ClientSampleId :

A41R6

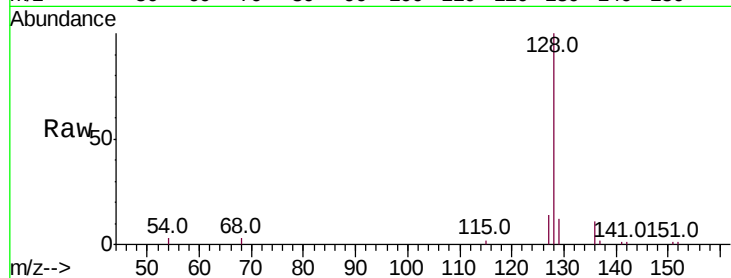
Tot Ion:128 Resp: 11423

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

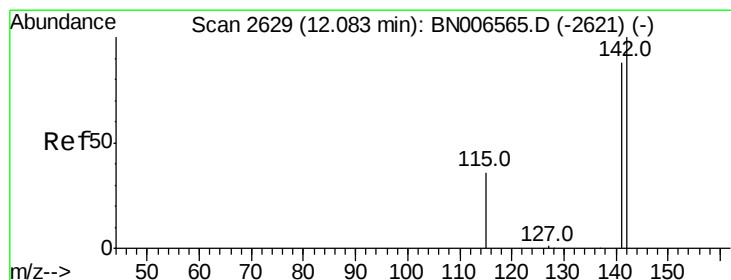
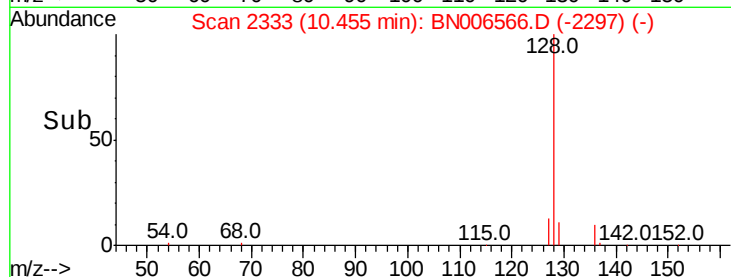
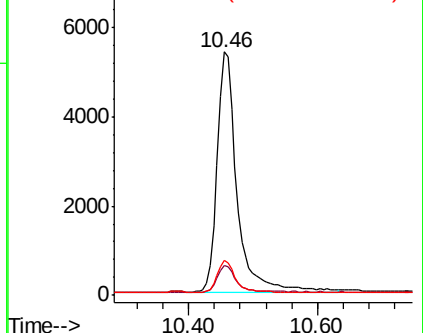
127 14.3 10.7 16.1



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: 0.211 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. 0.00 min

Lab File: BN006566.D

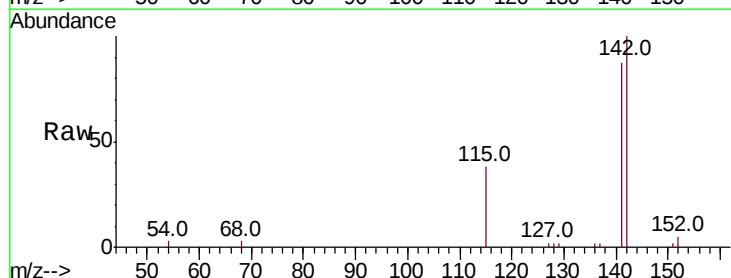
Acq: 25 Jun 2019 11:38

Tgt Ion:142 Resp: 7134

Ion Ratio Lower Upper

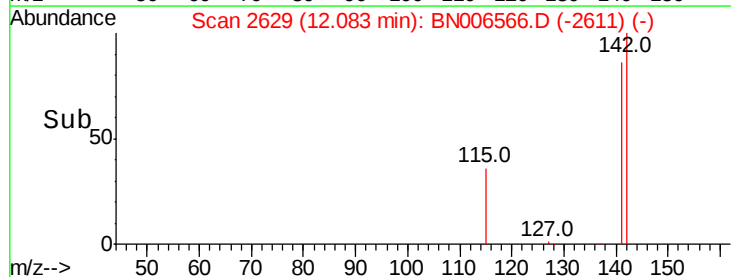
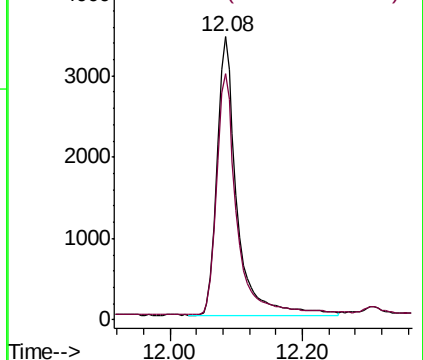
142 100

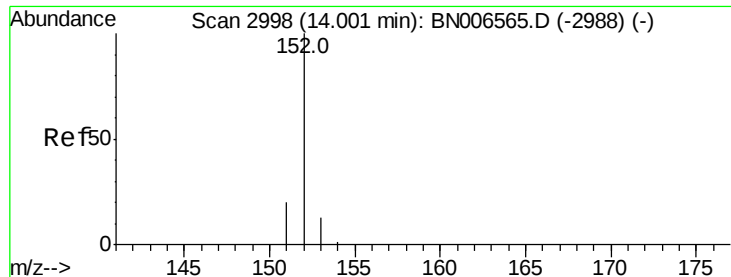
141 88.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.276 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

Instrument :

BNA_N

ClientSampleId :

A41R6

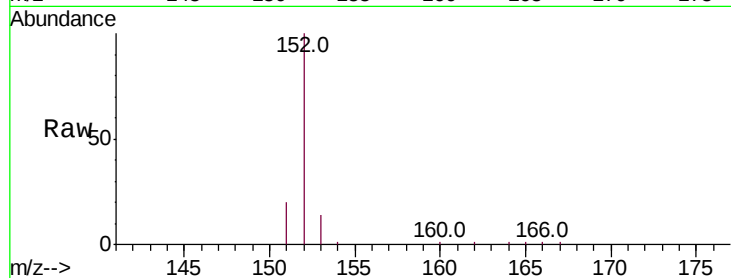
Tot Ion:152 Resp: 13876

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

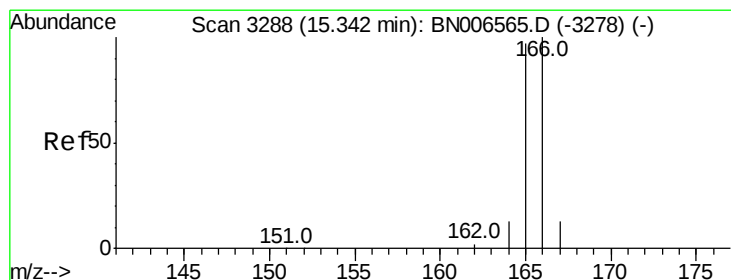
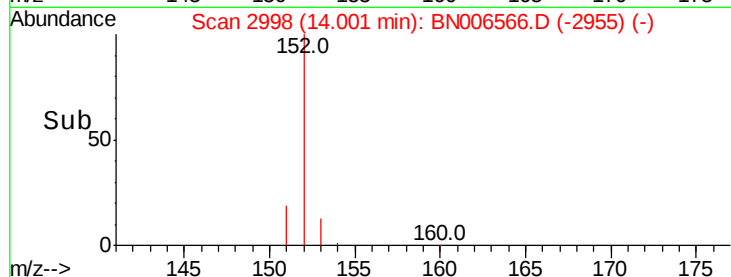
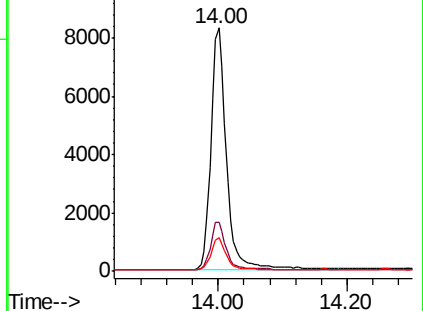
153 13.7 10.8 16.2



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: 0.270 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

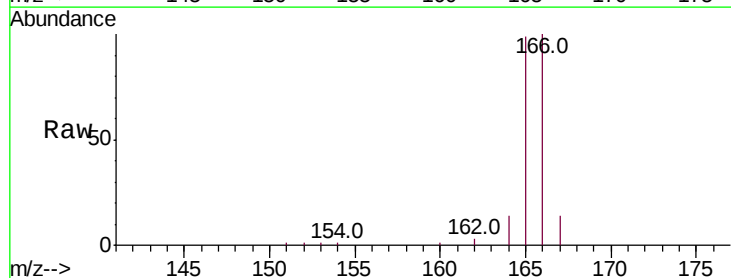
Tgt Ion:166 Resp: 11003

Ion Ratio Lower Upper

166 100

165 99.1 76.4 114.6

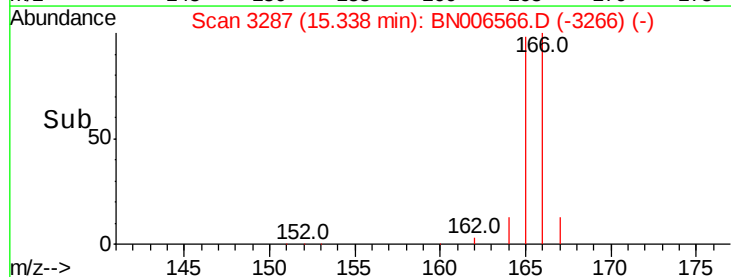
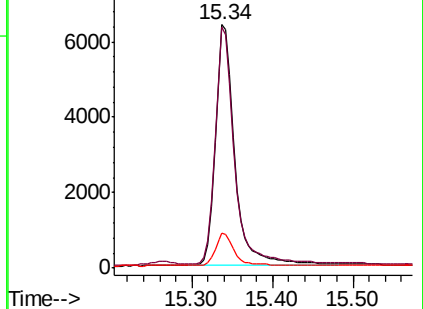
167 14.1 11.0 16.6

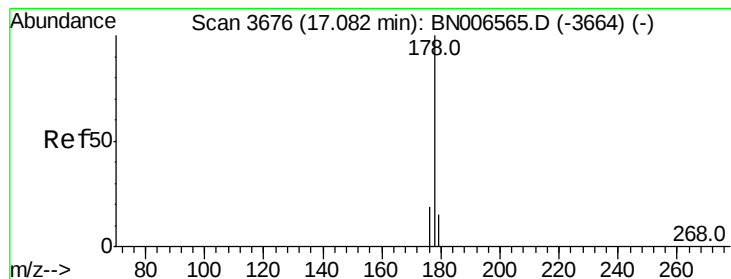


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.602 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

Instrument :

BNA_N

ClientSampleId :

A41R6

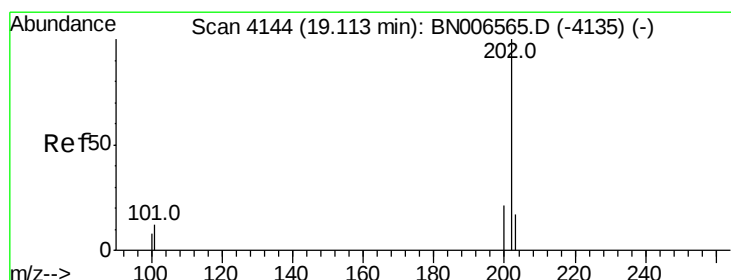
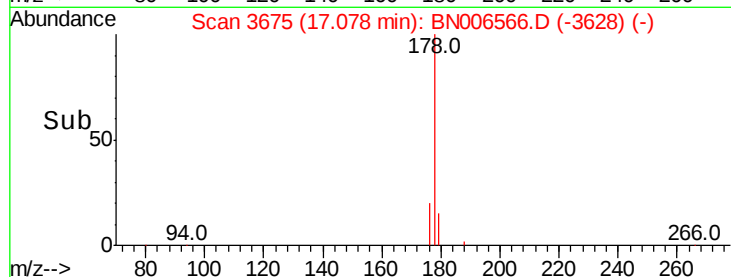
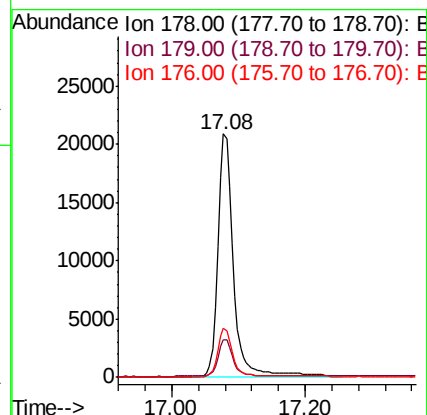
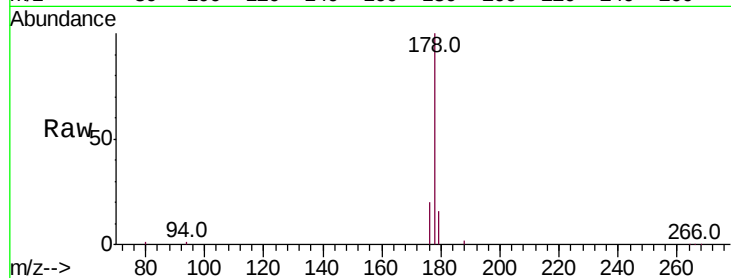
Tot Ion:178 Resp: 33505

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 20.0 15.3 22.9



#15

Fluoranthene

Concen: 0.355 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

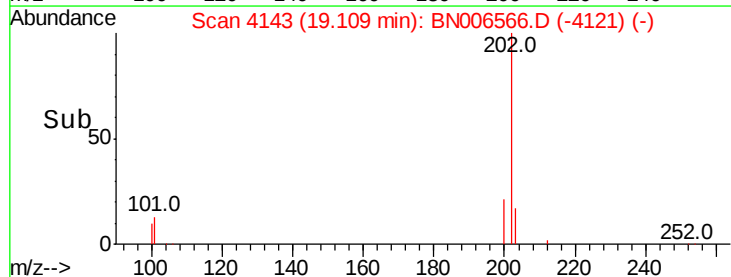
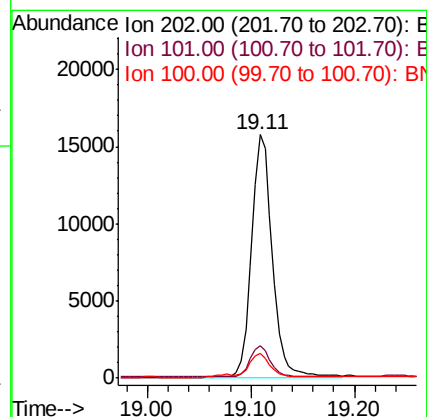
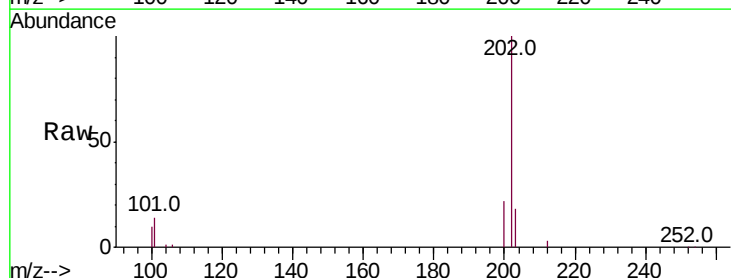
Tgt Ion:202 Resp: 21806

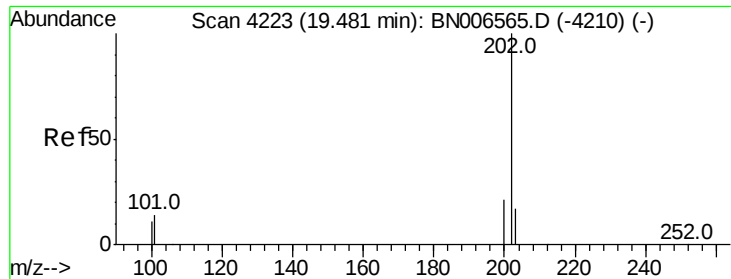
Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.1

100 10.0 0.0 28.7

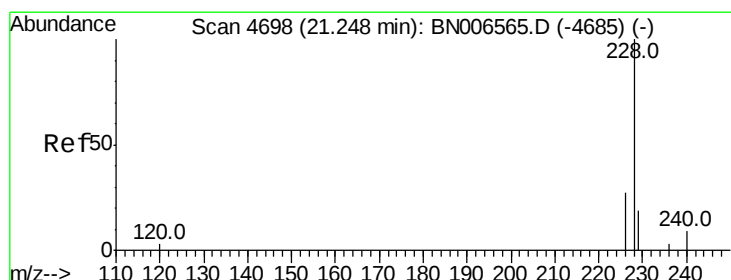
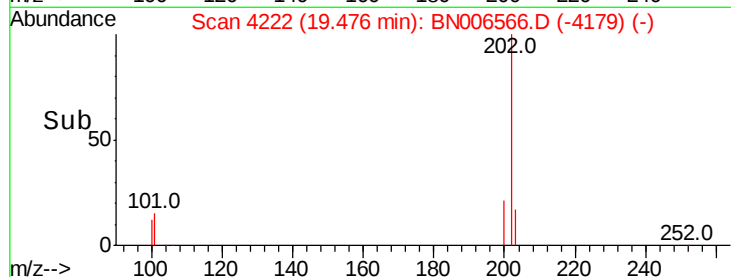
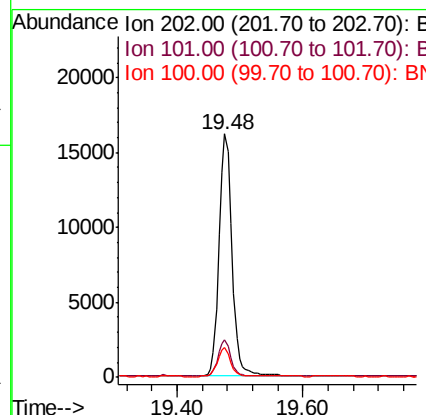
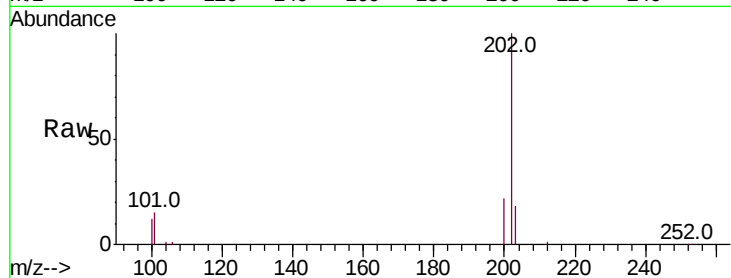




#17
Pvrene
Concen: 0.462 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BN006566.D
Acq: 25 Jun 2019 11:38

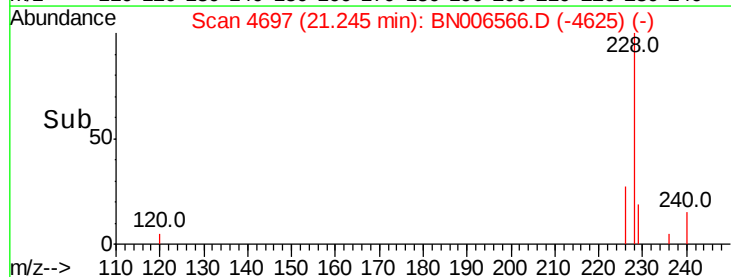
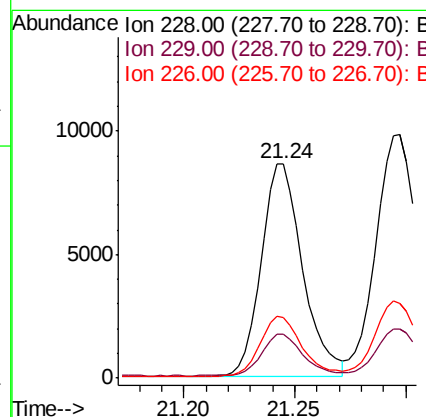
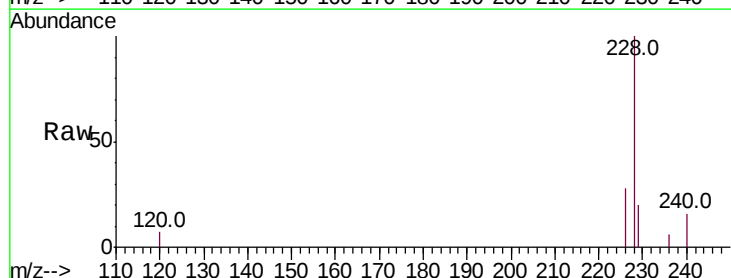
Instrument :
BNA_N
ClientSampleId :
A41R6

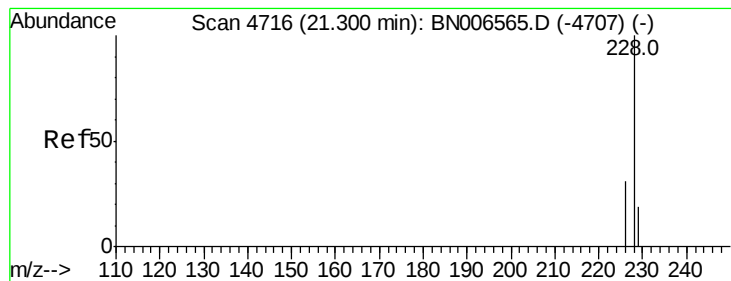
Tot Ion:202 Resp: 23434
Ion Ratio Lower Upper
202 100
101 15.4 12.2 18.2
100 12.0 9.8 14.6



#18
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. 0.01 min
Lab File: BN006566.D
Acq: 25 Jun 2019 11:38

Tgt Ion:228 Resp: 11198
Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 28.2 22.8 34.2





#19

Chrysene

Concen: 0.359 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. 0.01 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

Instrument :

BNA_N

ClientSampleId :

A41R6

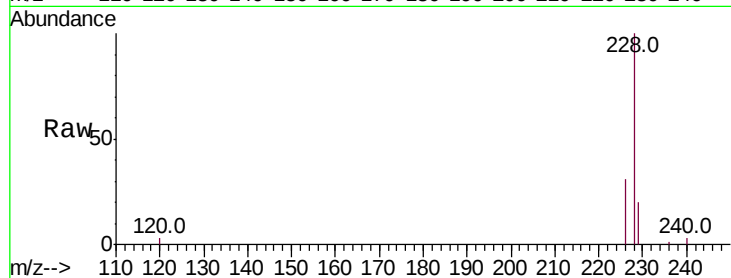
Tot Ion:228 Resp: 14367

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

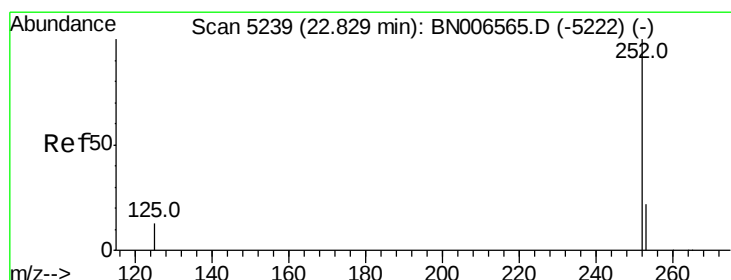
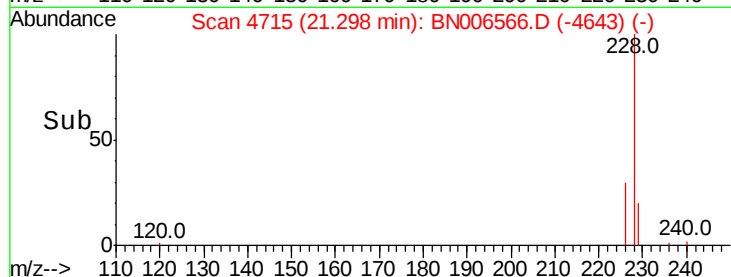
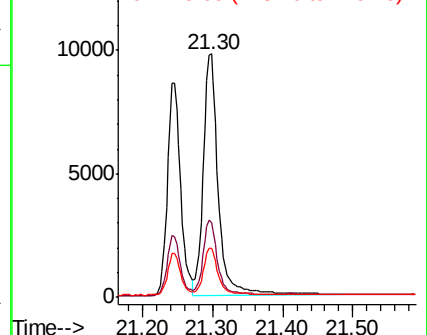
229 20.4 16.3 24.5



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: 0.244 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. 0.01 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

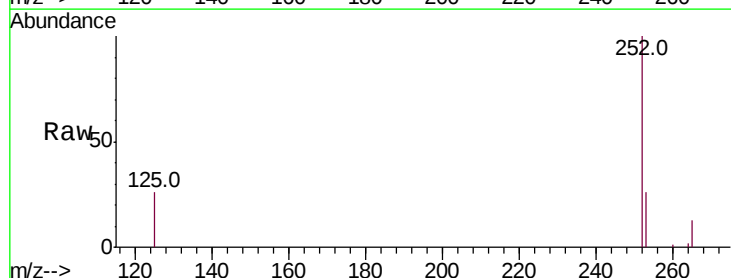
Tgt Ion:252 Resp: 10309

Ion Ratio Lower Upper

252 100

253 26.3 0.0 51.4

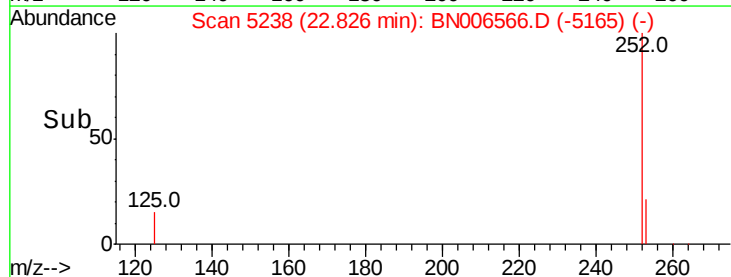
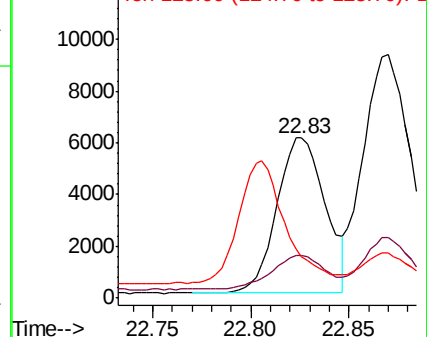
125 26.0 0.0 41.0

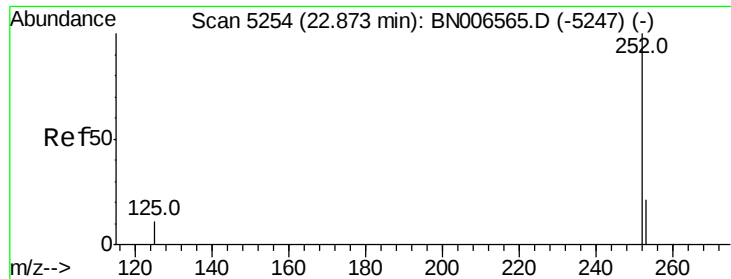


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.402 ng/u1

RT: 22.87 min Scan# 5253

Delta R.T. 0.01 min

Lab File: BN006566.D

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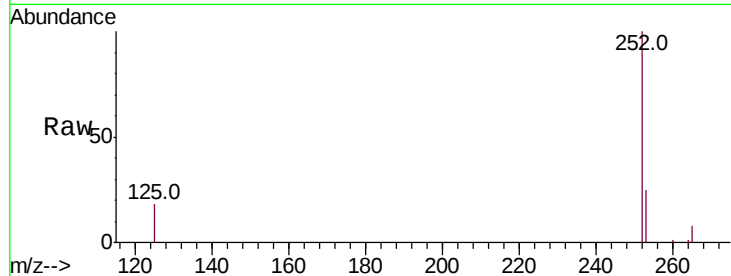
Tot Ion:252 Resp: 16566

Ion Ratio Lower Upper

252 100

253 24.9 20.3 30.5

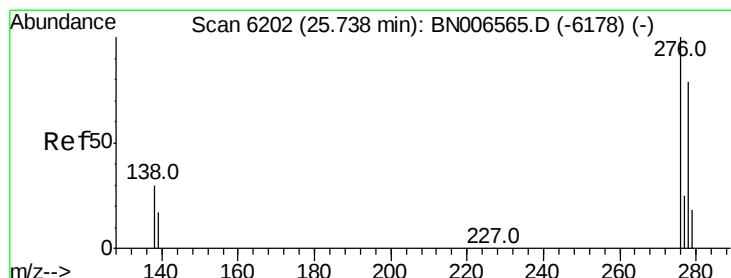
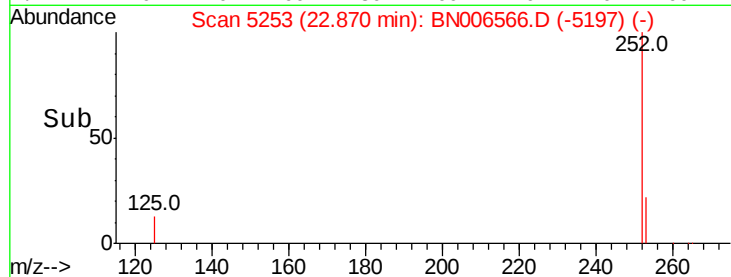
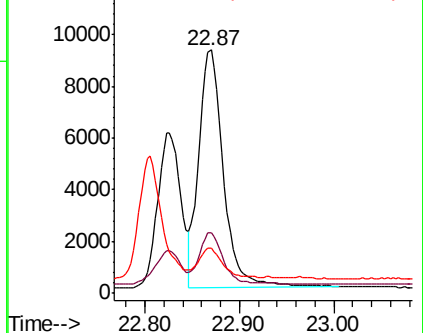
125 18.4 14.3 21.5



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.334 ng/u1

RT: 25.74 min Scan# 6201

Delta R.T. 0.02 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

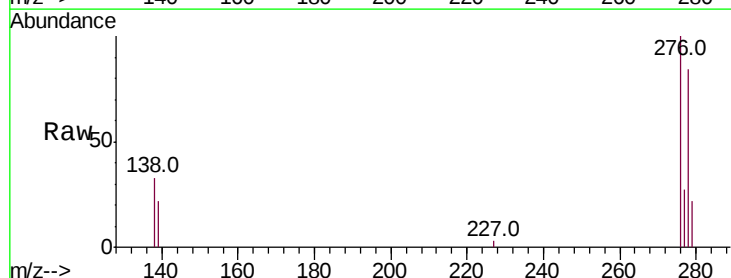
Tgt Ion:276 Resp: 14218

Ion Ratio Lower Upper

276 100

138 32.0 25.6 38.4

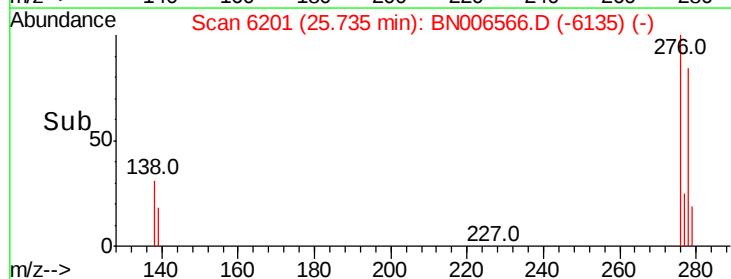
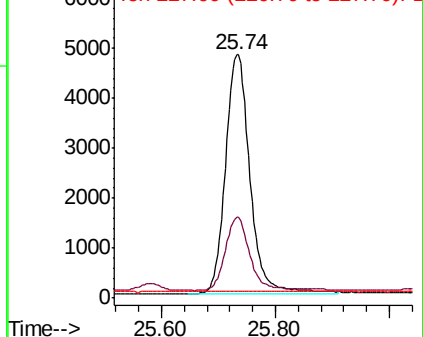
227 0.1 0.3 0.5#

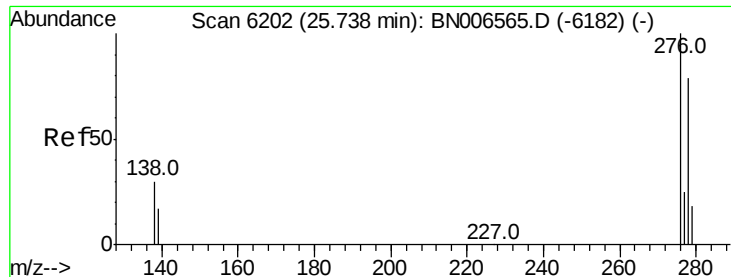


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.349 ng/ul

RT: 25.74 min Scan# 6202

Delta R.T. 0.02 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

Instrument :

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A41R6

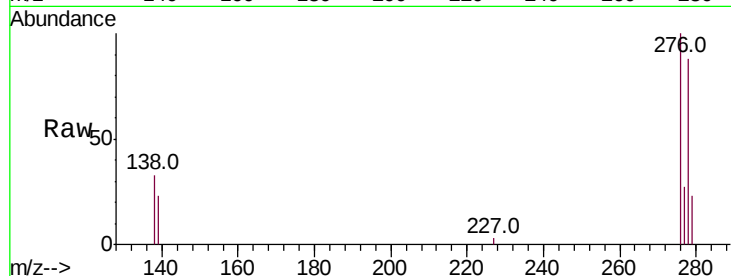
Tot Ion:278 Resp: 11885

Ion Ratio Lower Upper

278 100

139 25.7 21.2 31.8

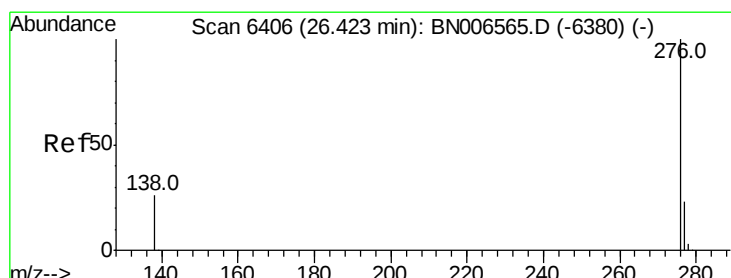
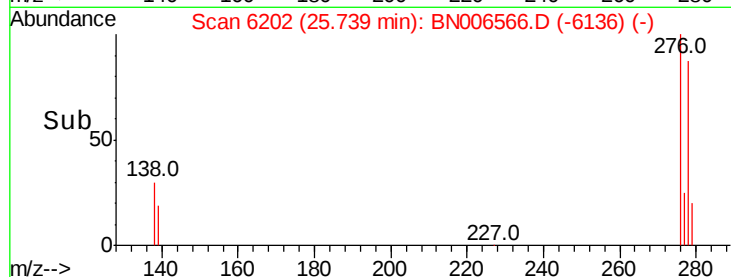
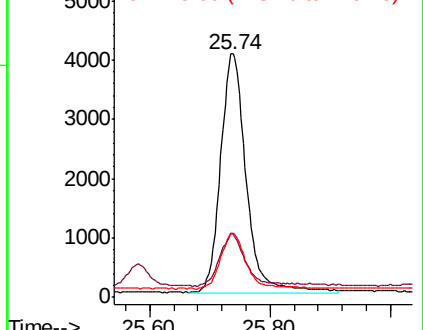
279 26.5 22.6 33.8



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: 0.525 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. 0.02 min

Lab File: BN006566.D

Acq: 25 Jun 2019 11:38

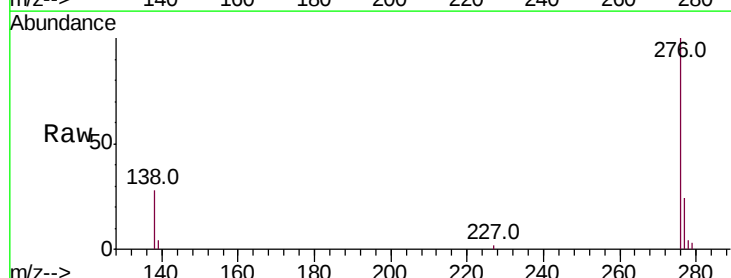
Tgt Ion:276 Resp: 18744

Ion Ratio Lower Upper

276 100

138 28.4 24.2 36.4

277 24.4 21.5 32.3



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

