

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
 Data File : BN006306.D
 Acq On : 13 Jun 2019 11:56
 Operator : JU/SJ
 Sample : K3213-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8H1

Quant Time: Jun 13 12:44:41 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

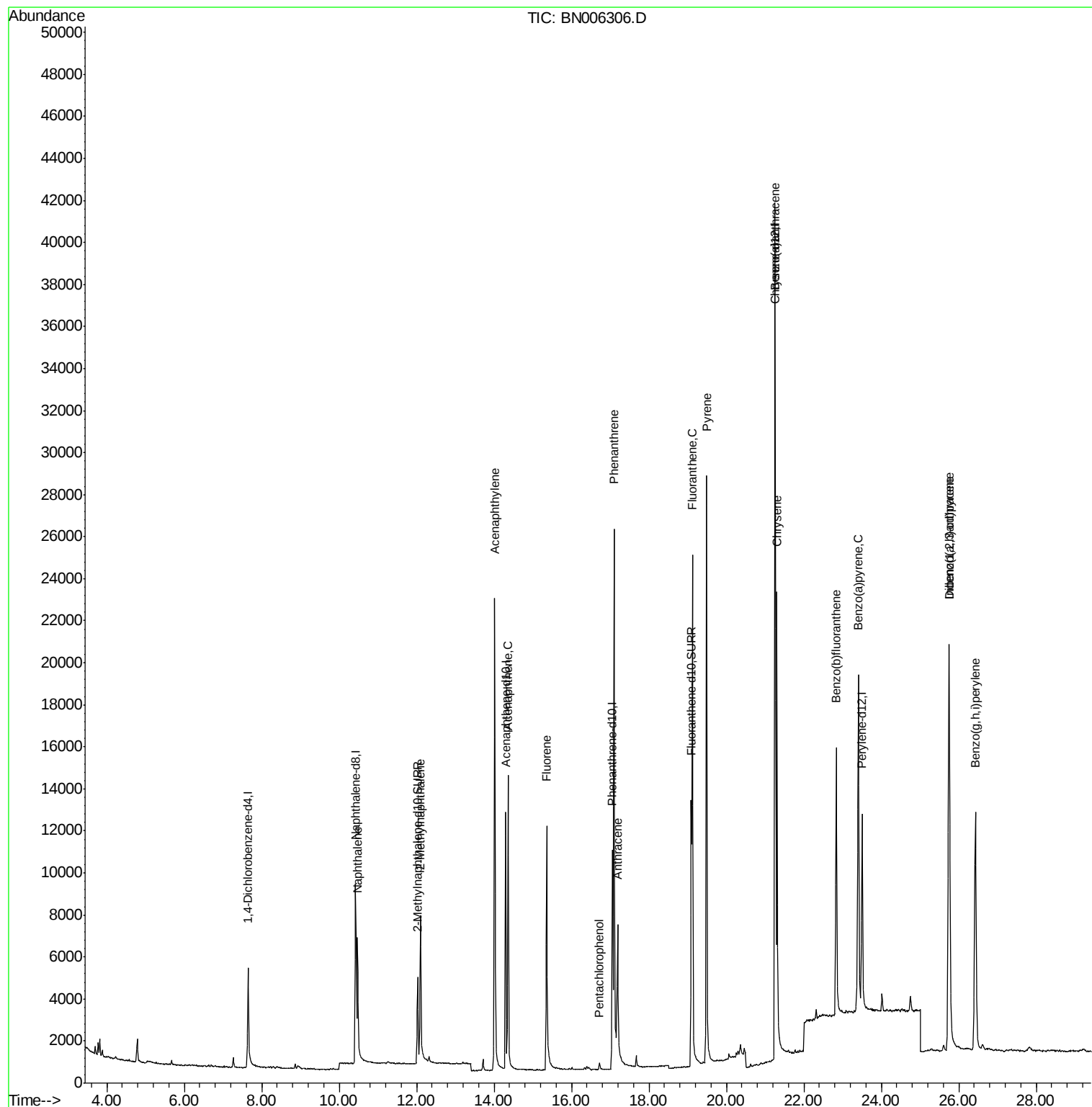
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3514	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13701	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7174	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	13661	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10997	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	12498	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6909	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14466	0.39	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	9403	0.249	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	6536	0.248	ng/ul	99
7) Acenaphthylene	14.01	152	28945	0.726	ng/ul	99
8) Acenaphthene	14.36	153	8803	0.318	ng/ul	98
9) Fluorene	15.36	166	9956	0.308	ng/ul	97
11) Pentachlorophenol	16.72	266	412	0.119	ng/ul	90
12) Phenanthrene	17.09	178	29735	0.678	ng/ul	100
13) Anthracene	17.19	178	9427	0.225	ng/ul	97
15) Fluoranthene	19.12	202	21488	0.444	ng/ul	98
17) Pyrene	19.49	202	25085	0.433	ng/ul	98
18) Benzo(a)anthracene	21.25	228	35606	0.732	ng/ul	98
19) Chrysene	21.30	228	22430	0.491	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	18168	0.349	ng/ul	97
23) Benzo(a)pyrene	23.40	252	24102	0.497	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.74	276	22638	0.431	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.75	278	19108	0.455	ng/ul	97
26) Benzo(a,h,i)perylene	26.43	276	23091	0.525	ng/ul	97

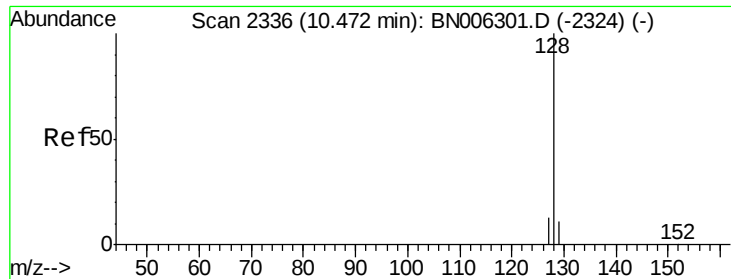
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.249 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

Instrument :

BNA_N

ClientSampleId :

DB8H1

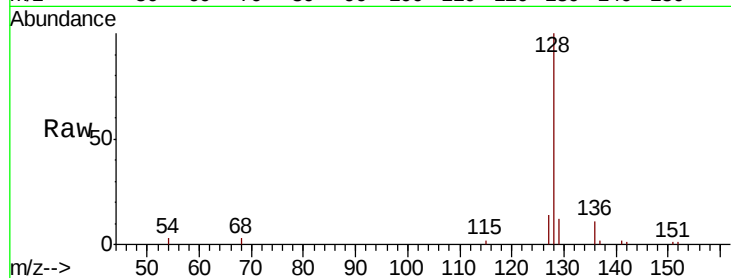
Tot Ion:128 Resp: 9403

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

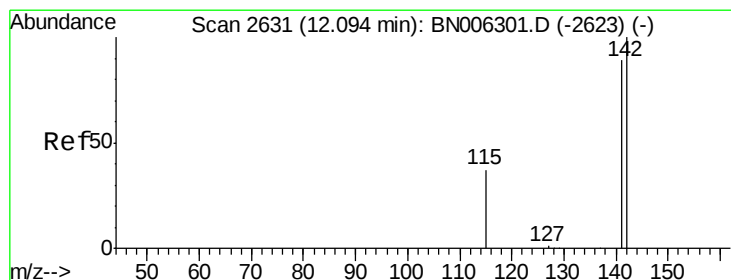
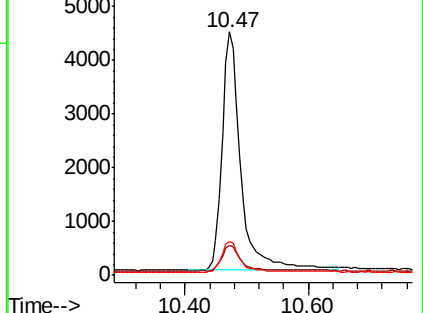
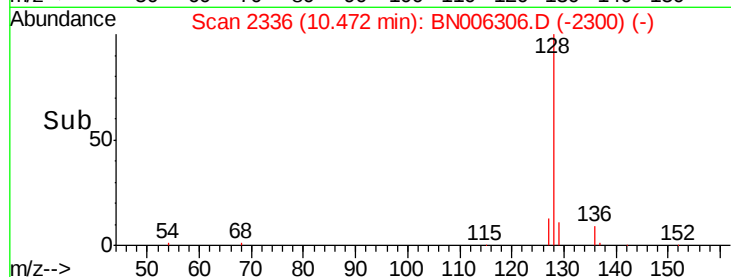
127 13.9 10.7 16.1



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: 0.248 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BN006306.D

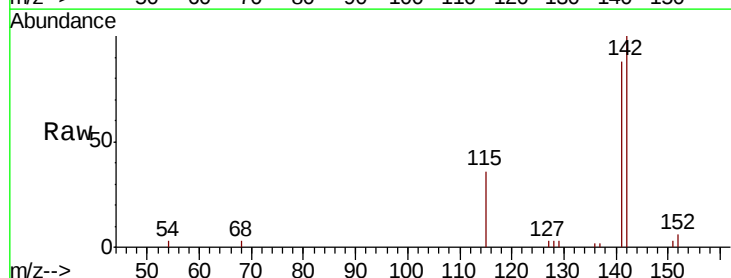
Acq: 13 Jun 2019 11:56

Tgt Ion:142 Resp: 6536

Ion Ratio Lower Upper

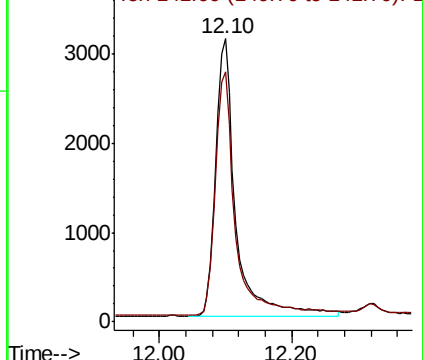
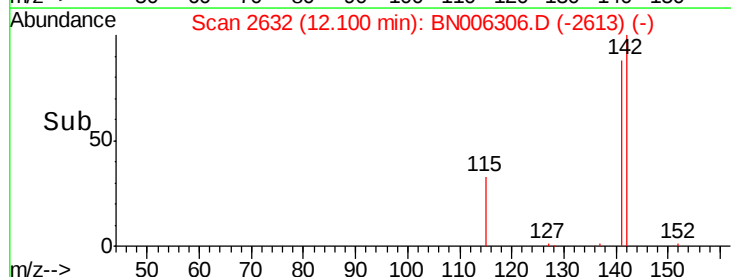
142 100

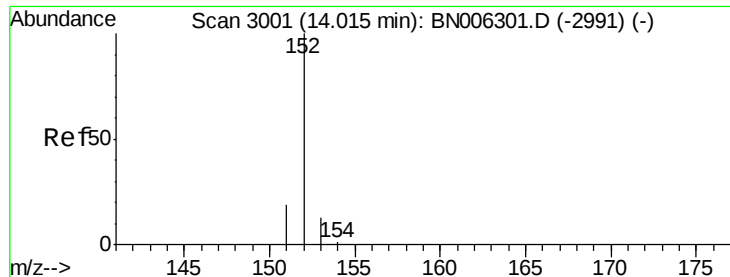
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.726 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

Instrument :

BNA_N

ClientSampleId :

DB8H1

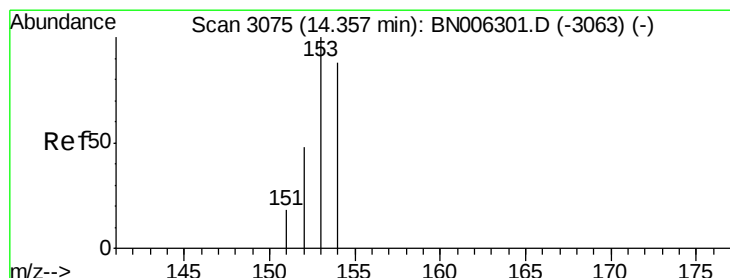
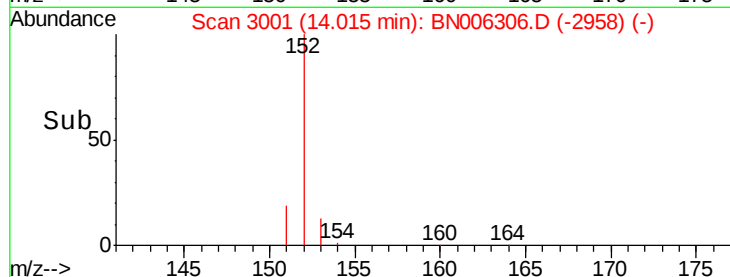
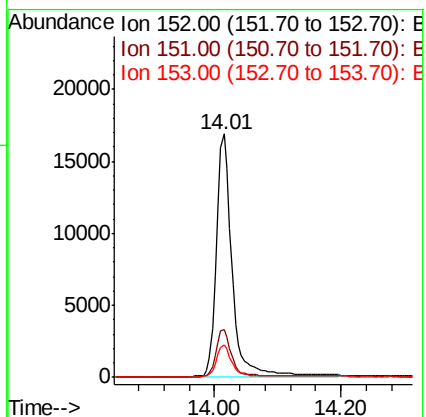
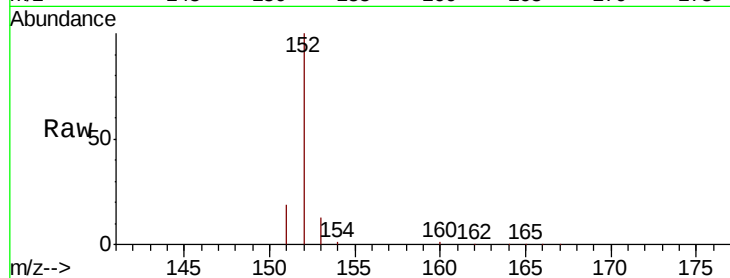
Tot Ion:152 Resp: 28945

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

153 13.3 10.8 16.2



#8

Acenaphthene

Concen: 0.318 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

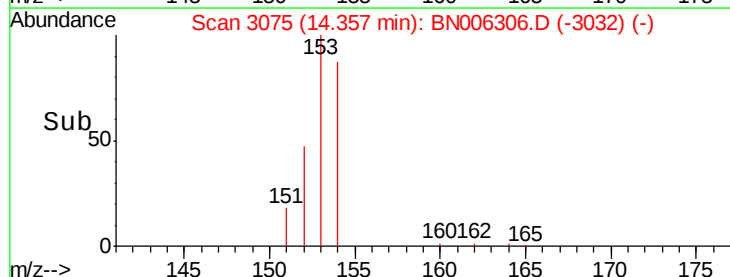
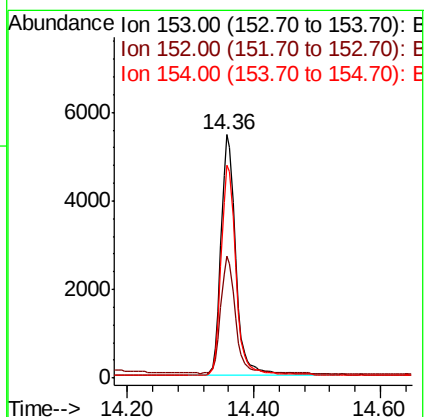
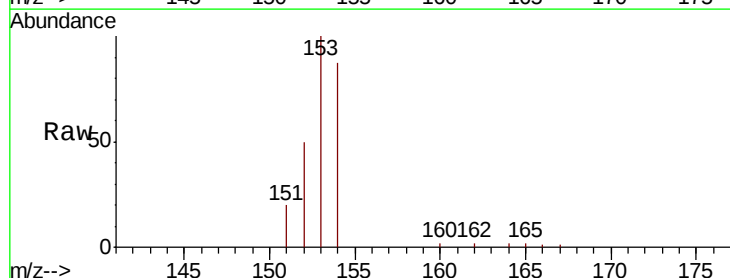
Tgt Ion:153 Resp: 8803

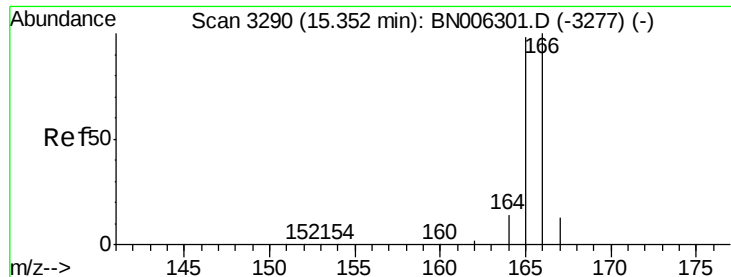
Ion Ratio Lower Upper

153 100

152 50.0 39.1 58.7

154 87.2 71.1 106.7

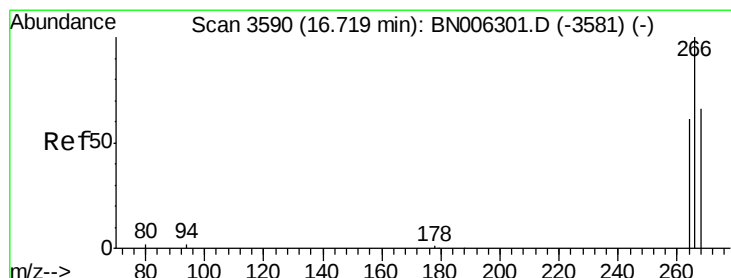
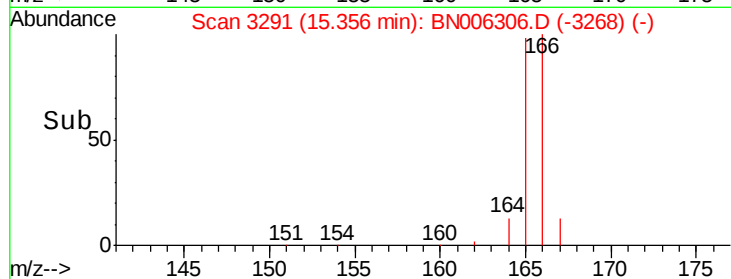
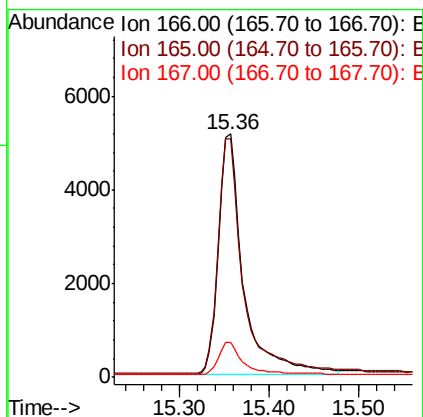
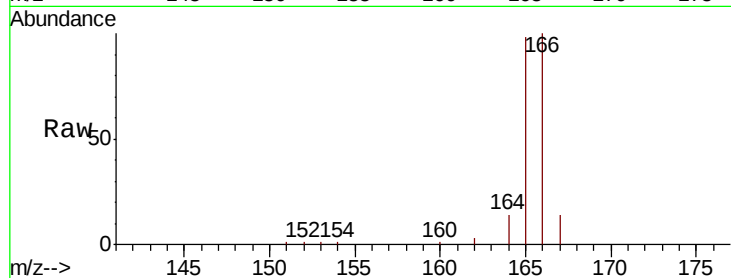




#9
Fluorene
 Concen: 0.308 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BN006306.D
 Acq: 13 Jun 2019 11:56

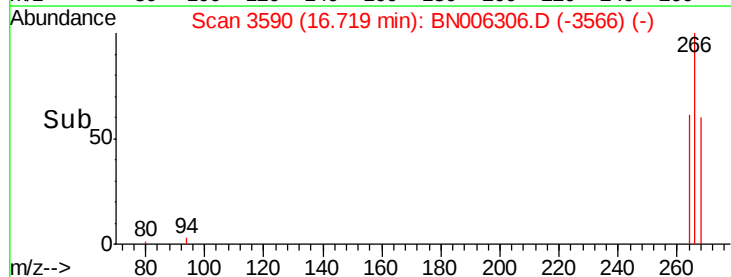
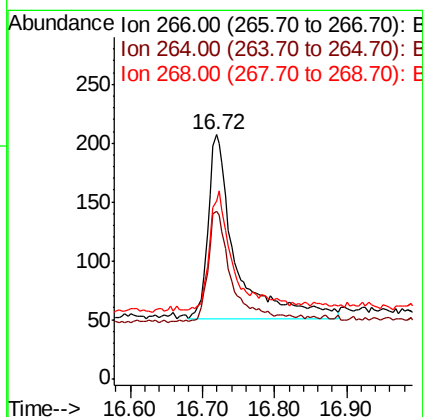
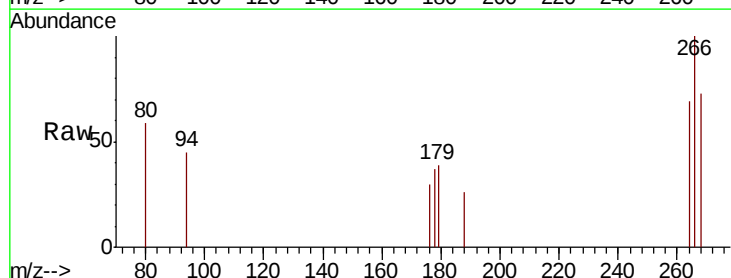
Instrument :
 BNA_N
 ClientSampleId :
 DB8H1

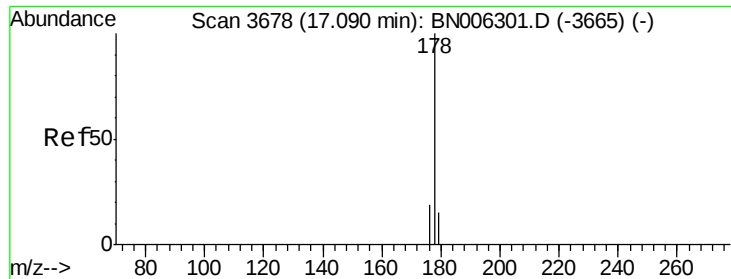
Tot Ion:166 Resp: 9956
 Ion Ratio Lower Upper
 166 100
 165 98.2 76.4 114.6
 167 14.3 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.119 ng/ul
 RT: 16.72 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: BN006306.D
 Acq: 13 Jun 2019 11:56

Tgt Ion:266 Resp: 412
 Ion Ratio Lower Upper
 266 100
 264 55.3 50.3 75.5
 268 56.1 51.3 76.9





#12

Phenanthrene

Concen: 0.678 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

Instrument :

BNA_N

ClientSampleId :

DB8H1

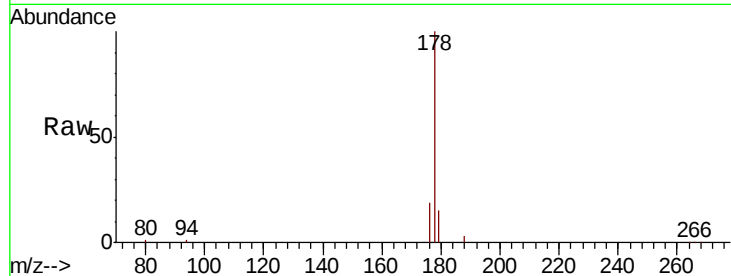
Tot Ion:178 Resp: 29735

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

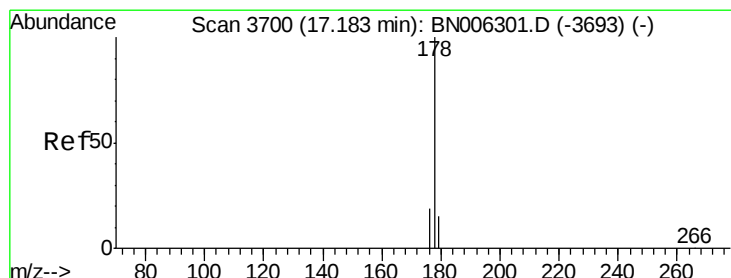
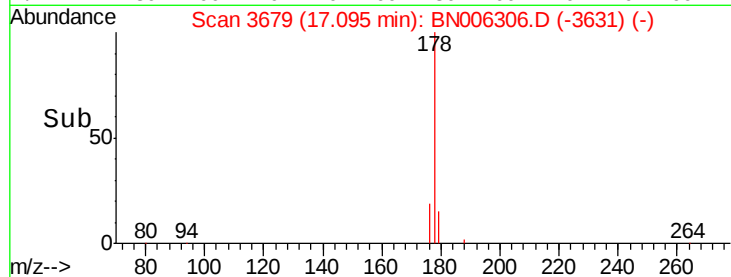
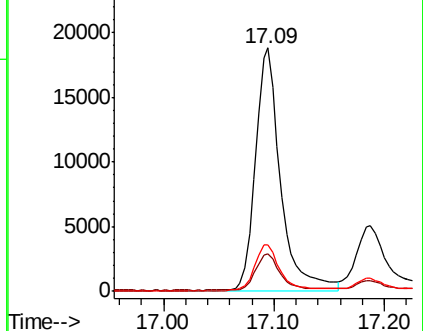
176 19.3 15.3 22.9



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



#13

Anthracene

Concen: 0.225 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

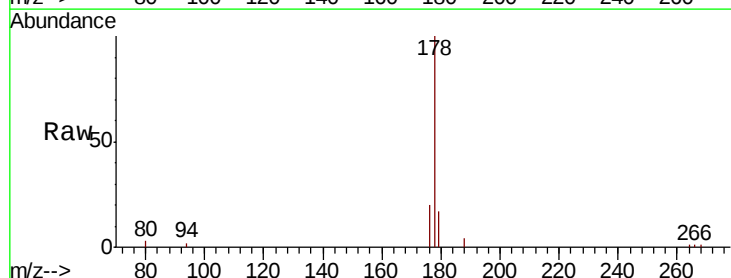
Tgt Ion:178 Resp: 9427

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.4

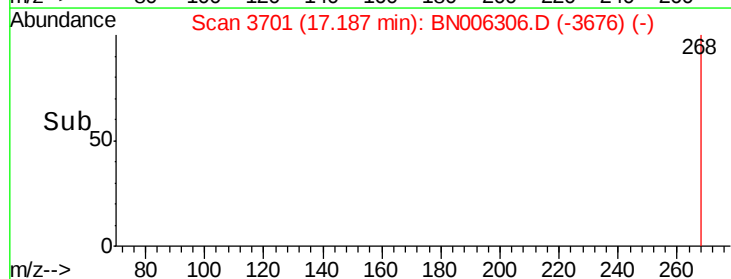
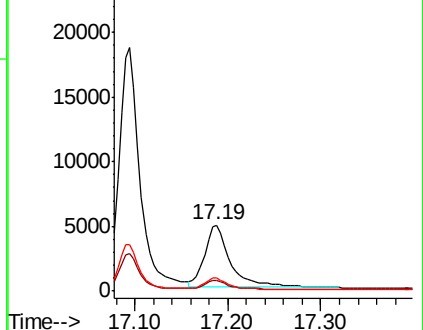
176 19.7 15.1 22.7

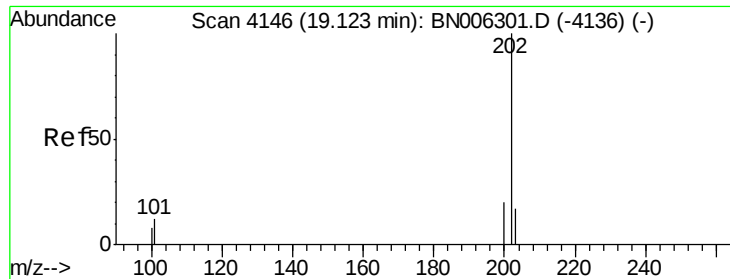


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

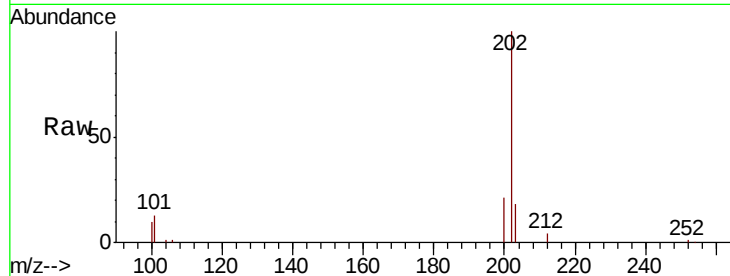




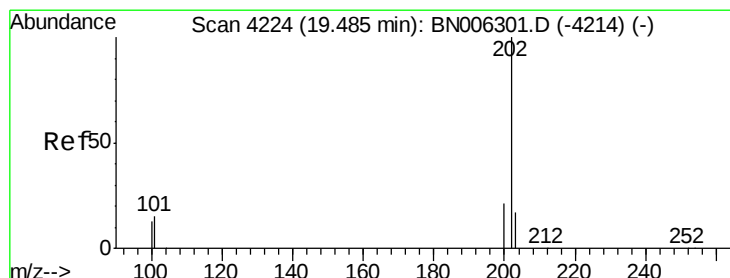
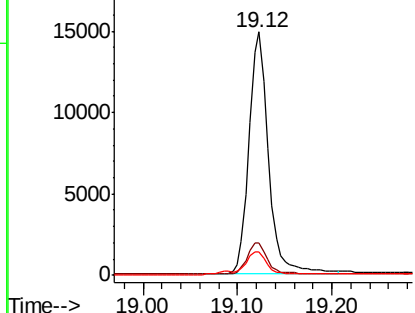
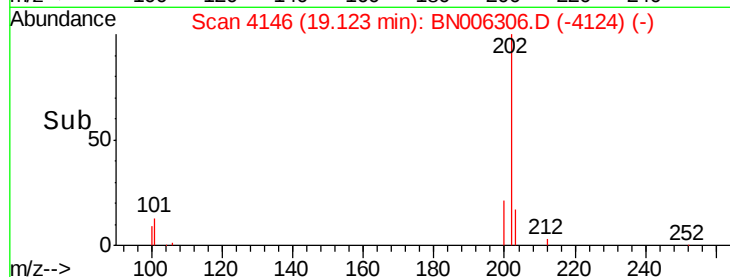
#15
Fluoranthene
 Concen: 0.444 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006306.D
 Acq: 13 Jun 2019 11:56

Instrument :
 BNA_N
 ClientSampleId :
 DB8H1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.1
100	9.6	0.0	28.7

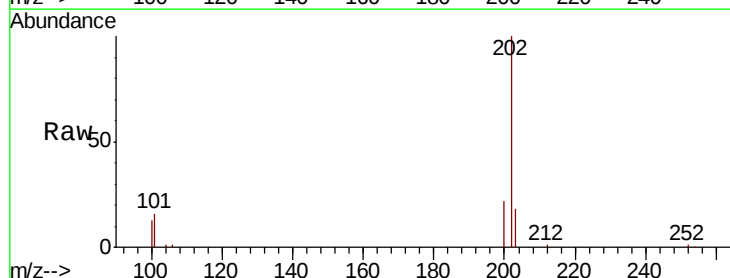


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

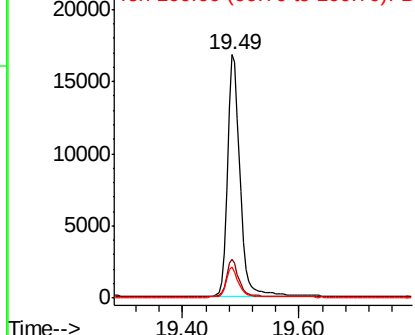
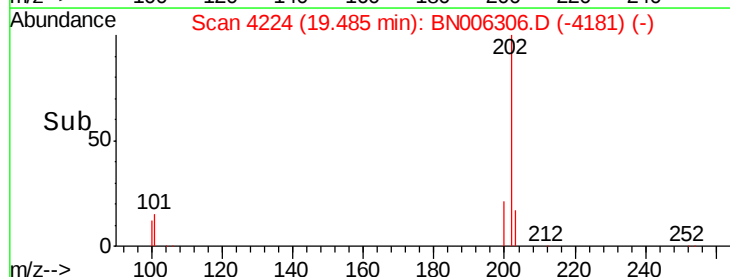


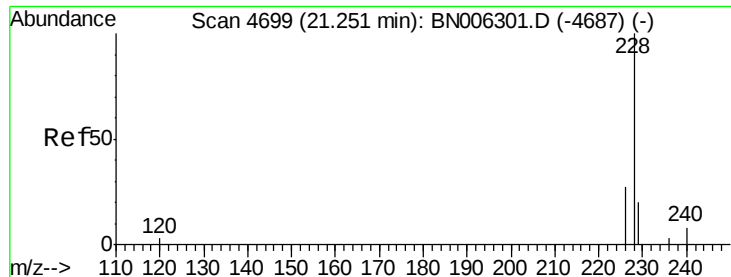
#17
Pyrene
 Concen: 0.433 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006306.D
 Acq: 13 Jun 2019 11:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.2
100	12.7	9.8	14.6



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

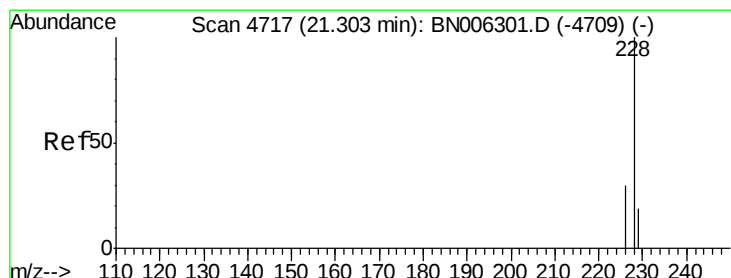
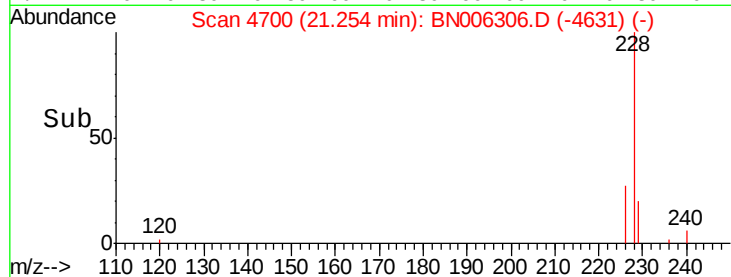
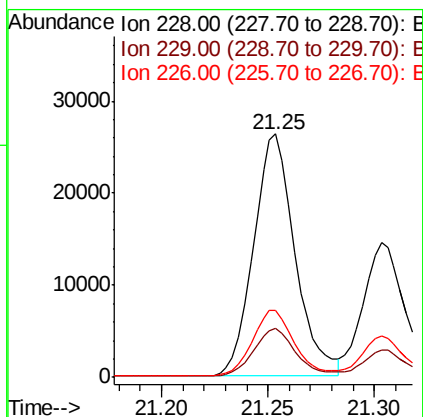
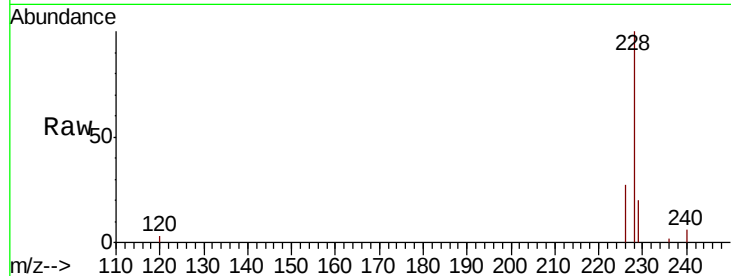




#18
Benzo(a)anthracene
Concen: 0.732 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006306.D
Acq: 13 Jun 2019 11:56

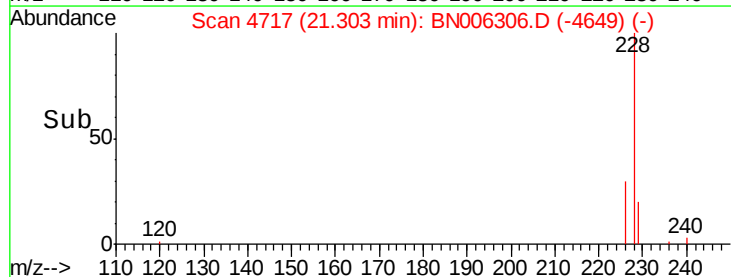
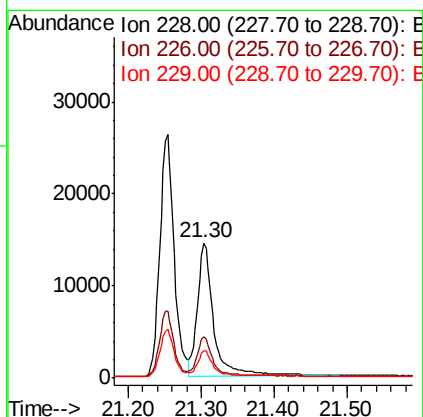
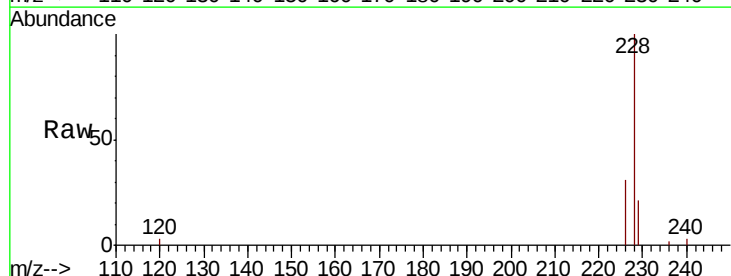
Instrument :
BNA_N
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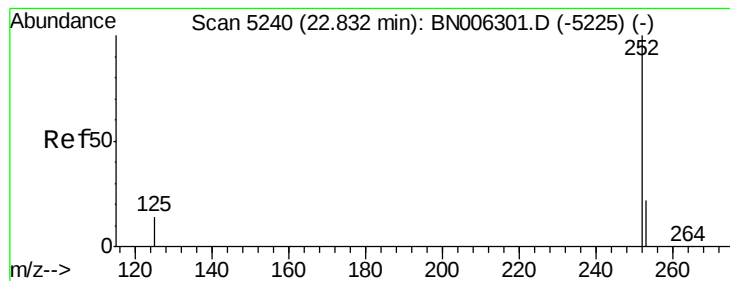
Tot Ion:228 Resp: 35606
Ion Ratio Lower Upper
228 100
229 20.0 16.5 24.7
226 27.4 22.8 34.2



#19
Chrysene
Concen: 0.491 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006306.D
Acq: 13 Jun 2019 11:56

Tgt Ion:228 Resp: 22430
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 20.5 16.3 24.5





#21

Benzo(b)fluoranthene

Concen: 0.349 ng/ul

RT: 22.83 min Scan# 5241

Delta R.T. 0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

Instrument :

BNA_N

ClientSampleId :

DB8H1

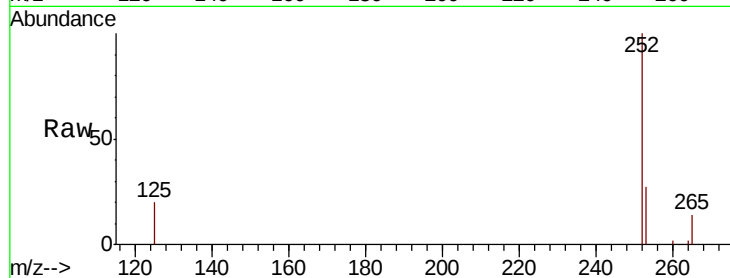
Tot Ion:252 Resp: 18168

Ion Ratio Lower Upper

252 100

253 27.3 0.0 51.4

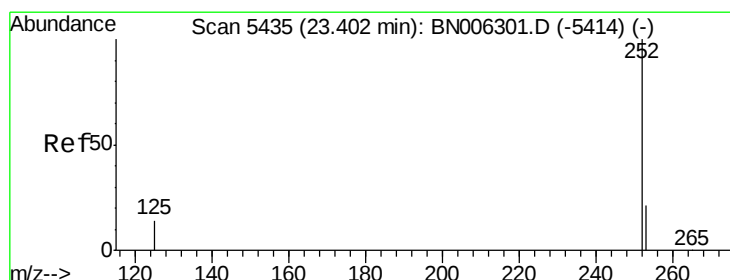
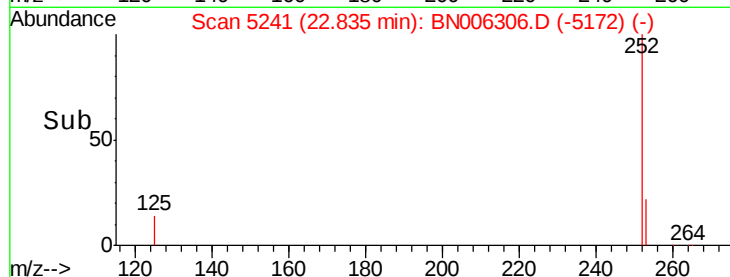
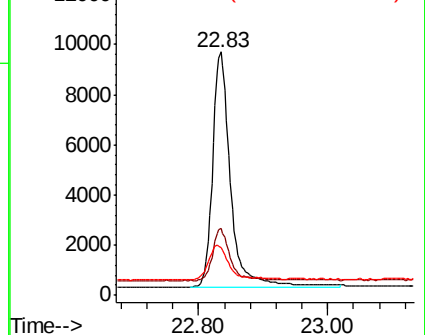
125 19.6 0.0 41.0



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



#23

Benzo(a)pyrene

Concen: 0.497 ng/ul

RT: 23.40 min Scan# 5436

Delta R.T. 0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

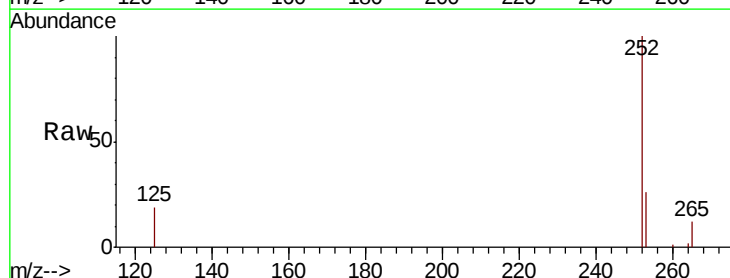
Tgt Ion:252 Resp: 24102

Ion Ratio Lower Upper

252 100

253 25.8 21.1 31.7

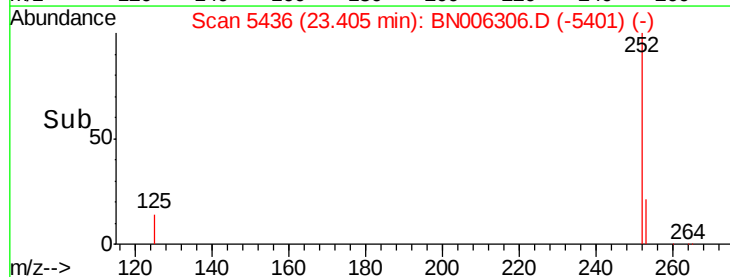
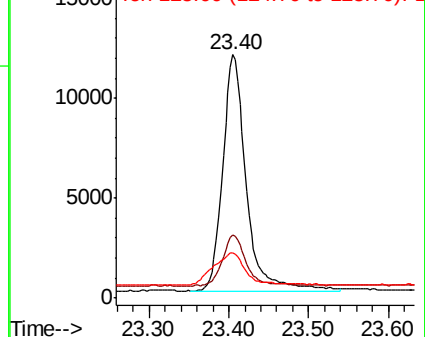
125 18.6 20.3 30.5#

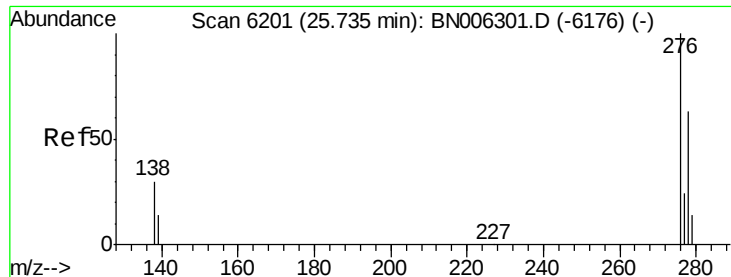


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

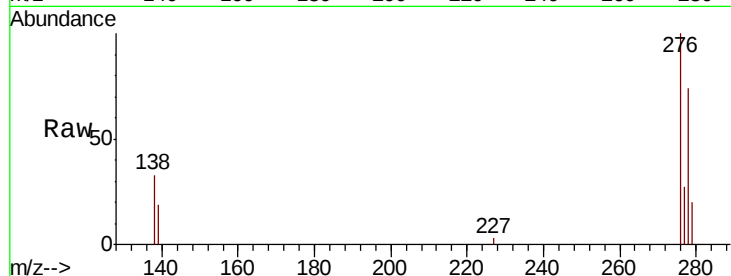




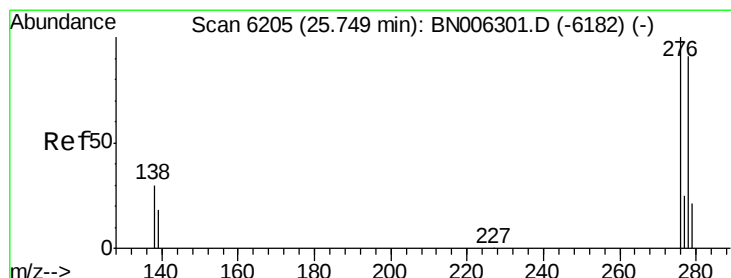
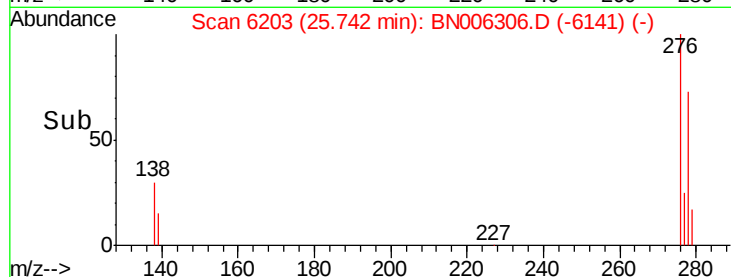
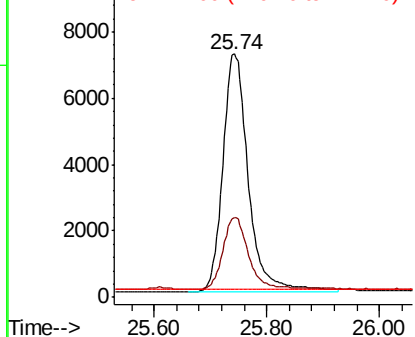
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.431 ng/ul
 RT: 25.74 min Scan# 6203
 Delta R.T. 0.01 min
 Lab File: BN006306.D
 Acq: 13 Jun 2019 11:56

Instrument :
 BNA_N
 ClientSampleId :
 DB8H1

Tot Ion:276 Resp: 22638
 Ion Ratio Lower Upper
 276 100
 138 31.1 25.6 38.4
 227 0.0 0.3 0.5#

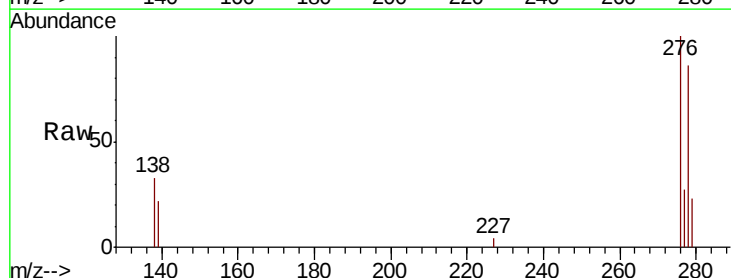


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

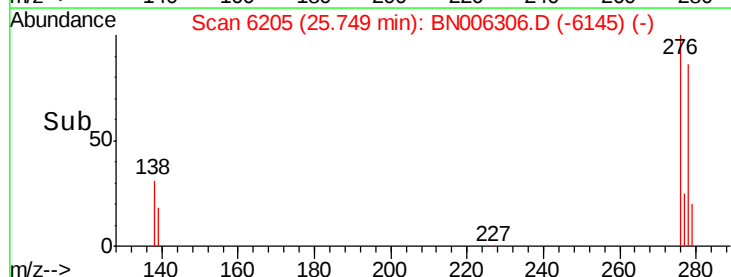
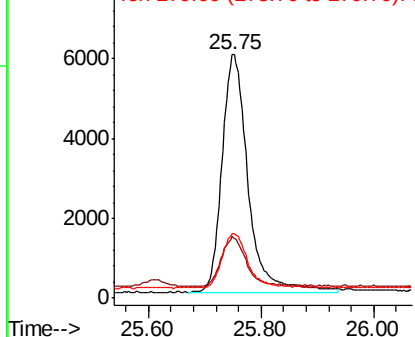


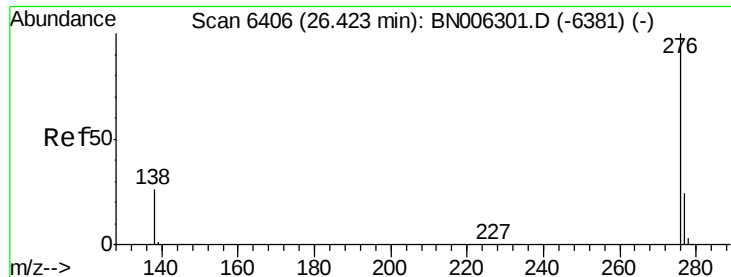
#25
 Dibenzo(a,h)anthracene
 Concen: 0.455 ng/ul
 RT: 25.75 min Scan# 6205
 Delta R.T. -0.00 min
 Lab File: BN006306.D
 Acq: 13 Jun 2019 11:56

Tgt Ion:278 Resp: 19108
 Ion Ratio Lower Upper
 278 100
 139 25.6 21.2 31.8
 279 26.4 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(a,h,i)perylene

Concen: 0.525 ng/ul

RT: 26.43 min Scan# 6407

Delta R.T. 0.00 min

Lab File: BN006306.D

Acq: 13 Jun 2019 11:56

Instrument :

BNA_N

ClientSampleId :

DB8H1

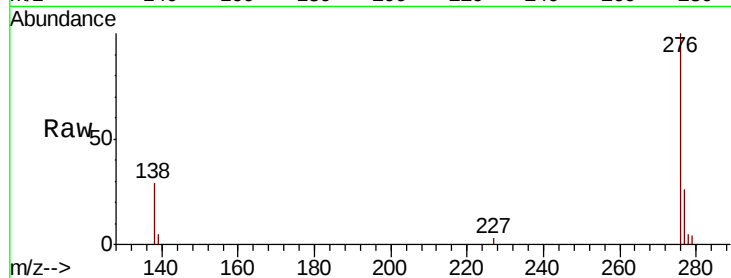
Tot Ion:276 Resp: 23091

Ion Ratio Lower Upper

276 100

138 28.6 24.2 36.4

277 25.7 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

