

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006247.D
 Acq On : 11 Jun 2019 15:03
 Operator : JU/SJ
 Sample : K3083-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51H4

Quant Time: Jun 11 15:38:55 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 11 12:32:25 2019
 Response via : Initial Calibration

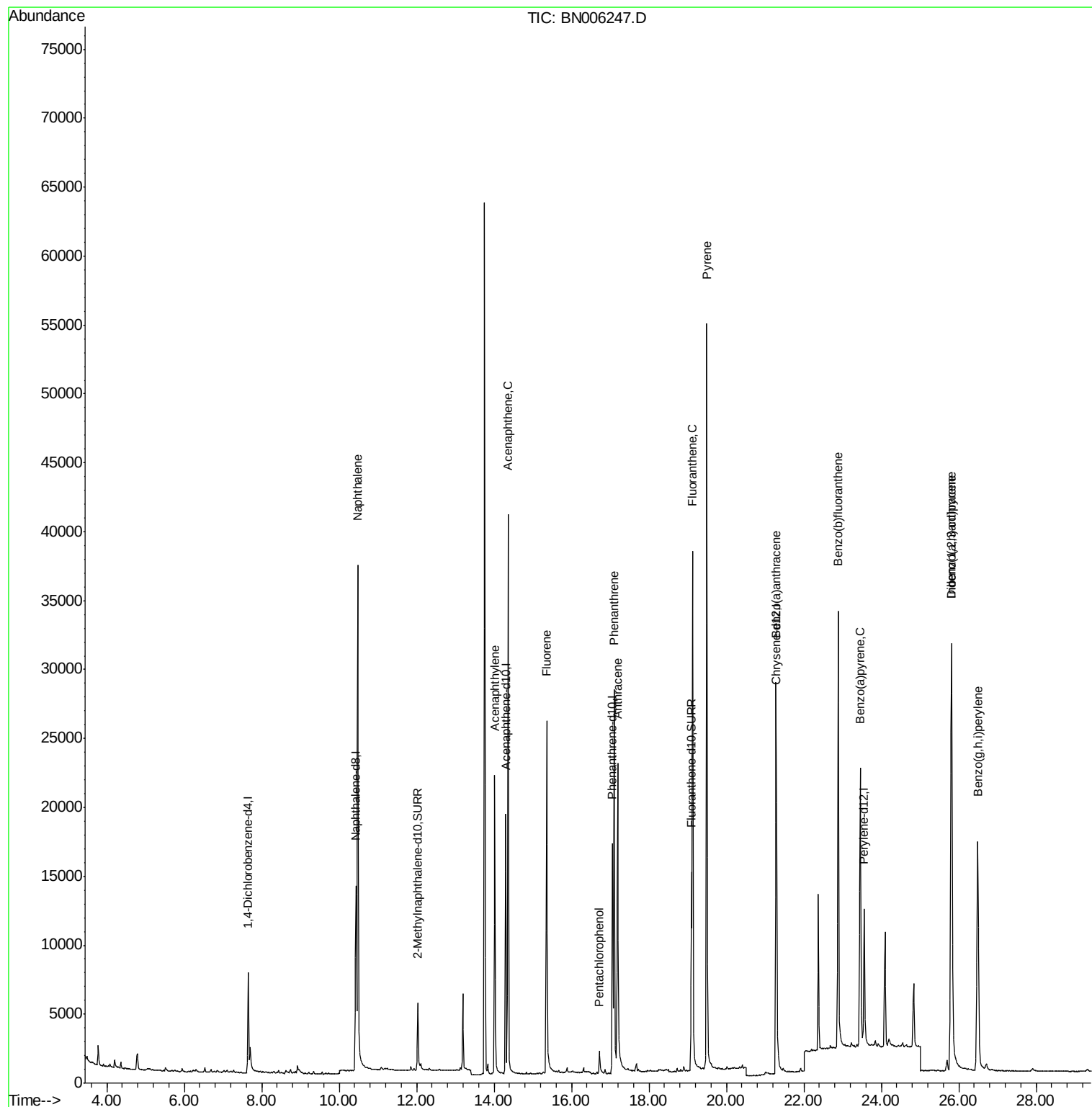
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4753	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19773	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10724	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	20685	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	12665	0.40	ng/ul	0.03
20) Perylene-d12	23.56	264	13730	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8113	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	16146	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	54356	0.996	ng/ul	99
7) Acenaphthylene	14.02	152	27023	0.453	ng/ul	100
8) Acenaphthene	14.36	153	23185	0.561	ng/ul	99
9) Fluorene	15.36	166	19605	0.405	ng/ul	99
11) Pentachlorophenol	16.72	266	1819	0.346	ng/ul	97
12) Phenanthrene	17.10	178	32436	0.489	ng/ul	99
13) Anthracene	17.19	178	29085	0.459	ng/ul	99
15) Fluoranthene	19.13	202	34341	0.468	ng/ul	97
17) Pyrene	19.49	202	46425	0.696	ng/ul	100
18) Benzo(a)anthracene	21.28	228	28265	0.505	ng/ul	98
21) Benzo(b)fluoranthene	22.89	252	28137	0.491	ng/ul#	29
23) Benzo(a)pyrene	23.46	252	17540	0.329	ng/ul#	7
24) Indeno(1,2,3-cd)pyrene	25.80	276	38929	0.675	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.81	278	29357	0.636	ng/ul	93
26) Benzo(g,h,i)perylene	26.49	276	34300	0.710	ng/ul	94

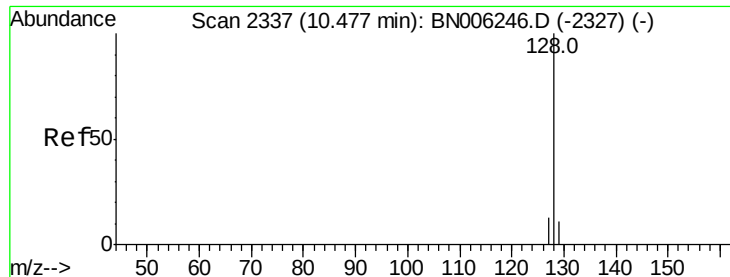
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.996 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

Instrument :

BNA_N

ClientSampleId :

A51H4

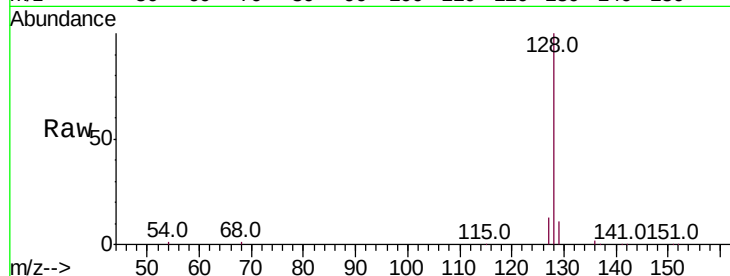
Tot Ion:128 Resp: 54356

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

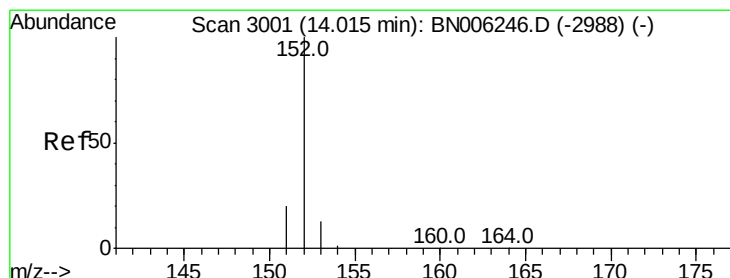
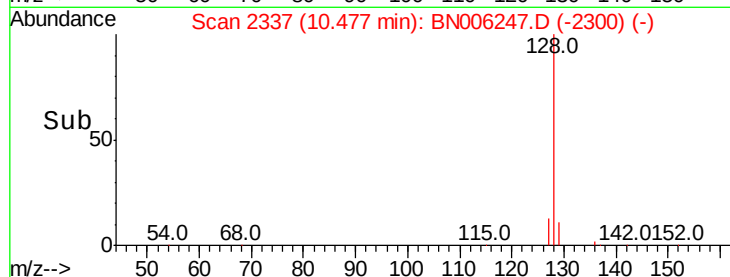
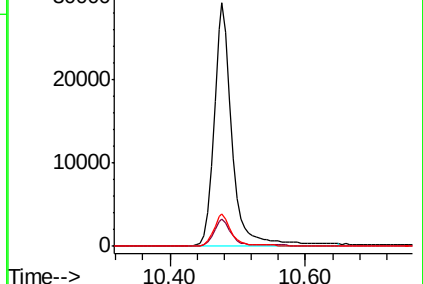
127 13.1 10.7 16.1



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



#7

Acenaphthylene

Concen: 0.453 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

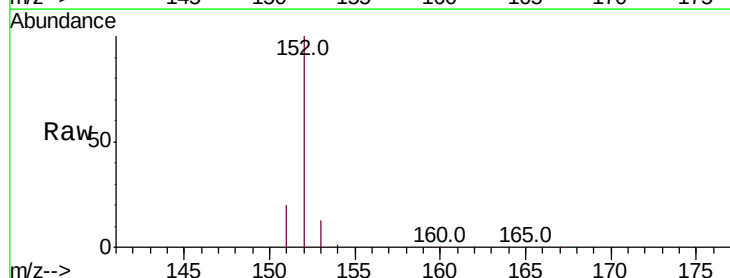
Tgt Ion:152 Resp: 27023

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

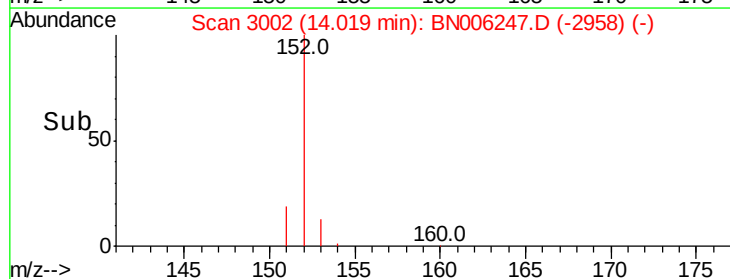
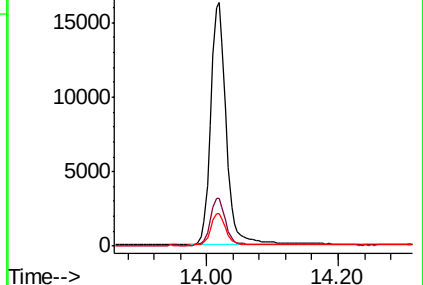
153 13.3 10.8 16.2

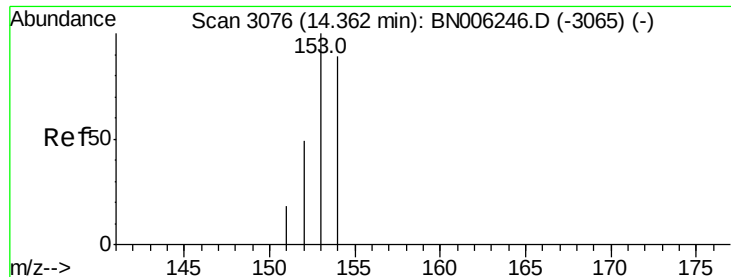


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.561 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

Instrument :

BNA_N

ClientSampleId :

A51H4

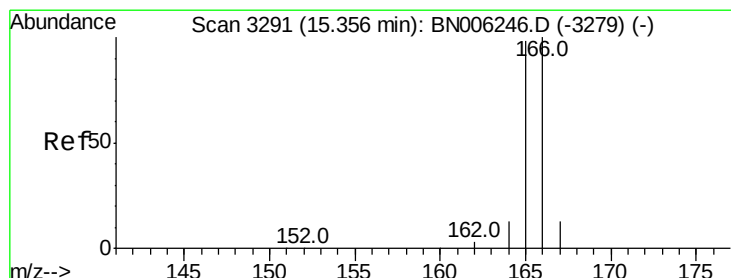
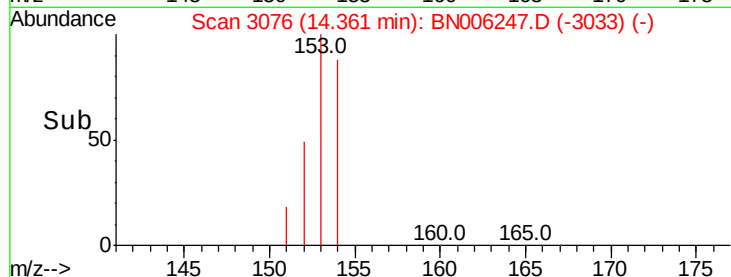
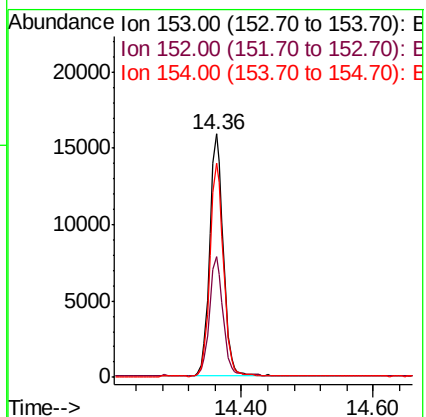
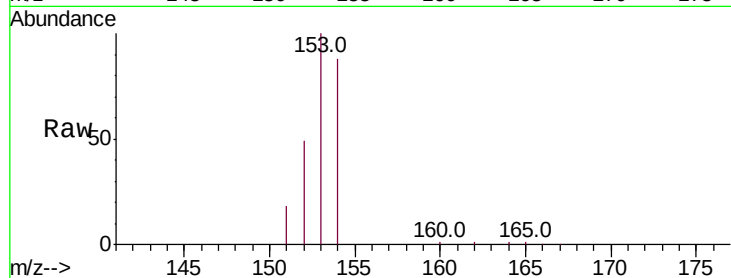
Tot Ion:153 Resp: 23185

Ion Ratio Lower Upper

153 100

152 49.4 39.1 58.7

154 87.9 71.1 106.7



#9

Fluorene

Concen: 0.405 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

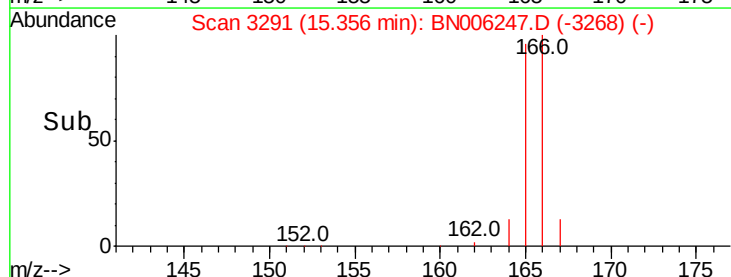
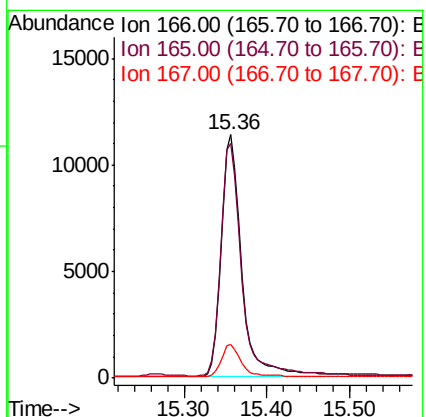
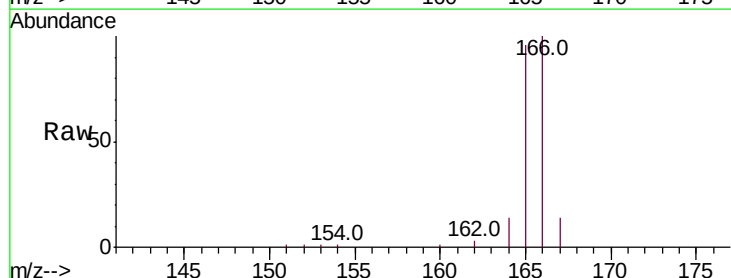
Tgt Ion:166 Resp: 19605

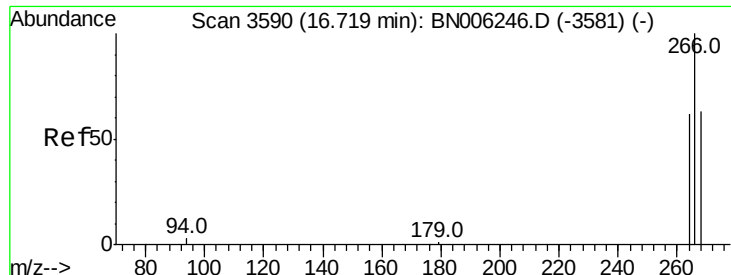
Ion Ratio Lower Upper

166 100

165 96.2 76.4 114.6

167 13.9 11.0 16.6

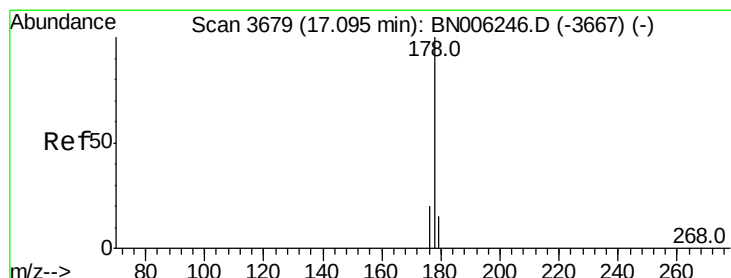
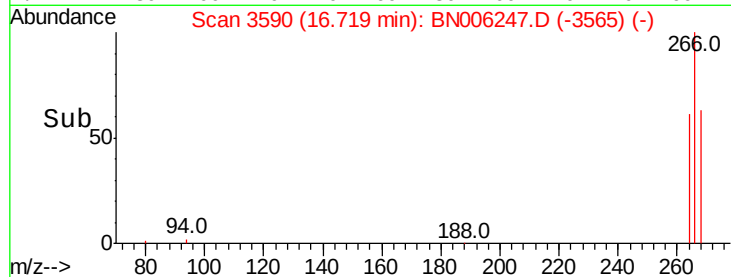
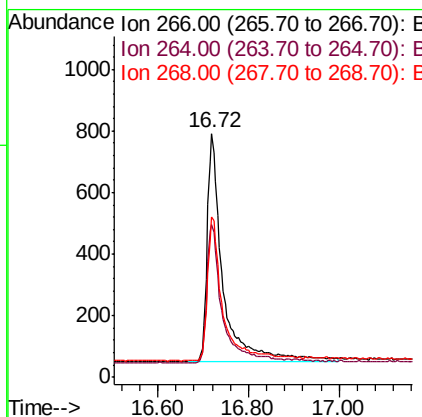
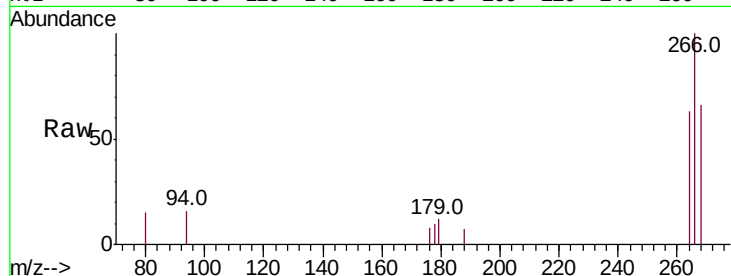




#11
 Pentachlorophenol
 Concen: 0.346 ng/ul
 RT: 16.72 min Scan# 3590
 Delta R.T. 0.00 min
 Lab File: BN006247.D
 Acq: 11 Jun 2019 15:03

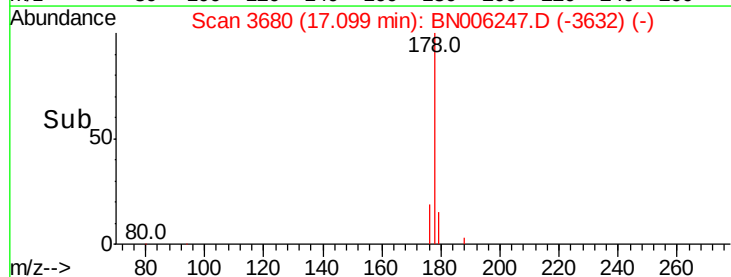
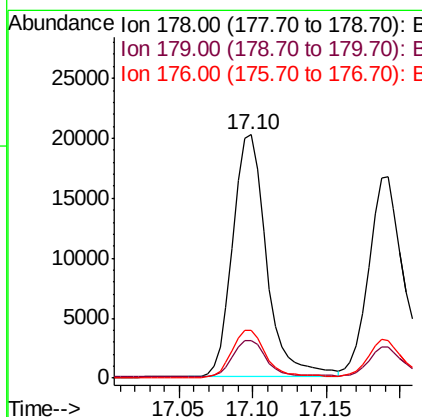
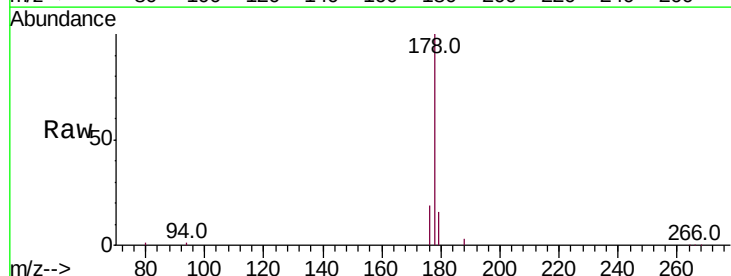
Instrument :
 BNA_N
 ClientSampleId :
 A51H4

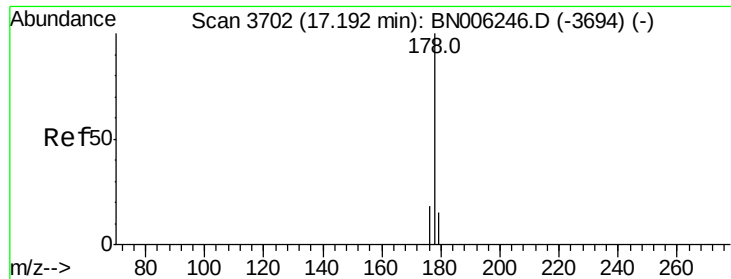
Tot Ion:266 Resp: 1819
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.3 75.5
 268 60.7 51.3 76.9



#12
 Phenanthrene
 Concen: 0.489 ng/ul
 RT: 17.10 min Scan# 3680
 Delta R.T. 0.00 min
 Lab File: BN006247.D
 Acq: 11 Jun 2019 15:03

Tgt Ion:178 Resp: 32436
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.4 15.3 22.9





#13

Anthracene

Concen: 0.459 ng/ul

RT: 17.19 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

Instrument :

BNA_N

ClientSampleId :

A51H4

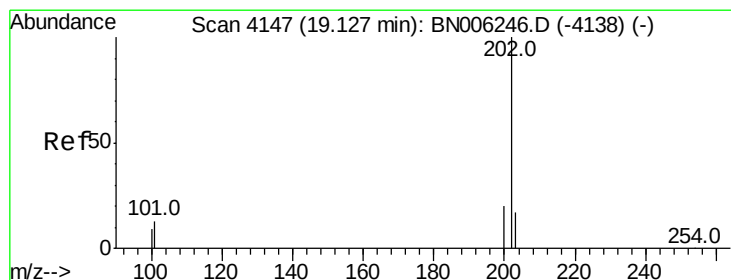
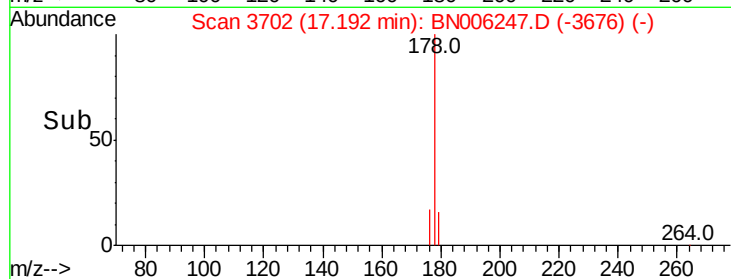
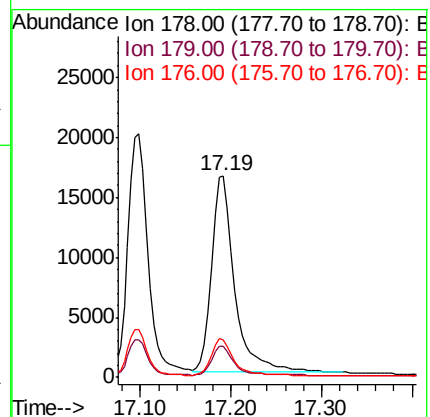
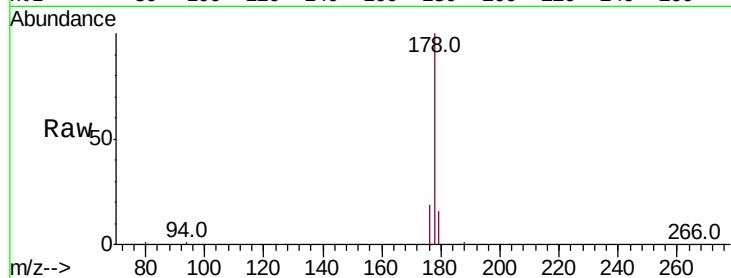
Tot Ion:178 Resp: 29085

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 18.6 15.1 22.7



#15

Fluoranthene

Concen: 0.468 ng/ul

RT: 19.13 min Scan# 4147

Delta R.T. 0.01 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

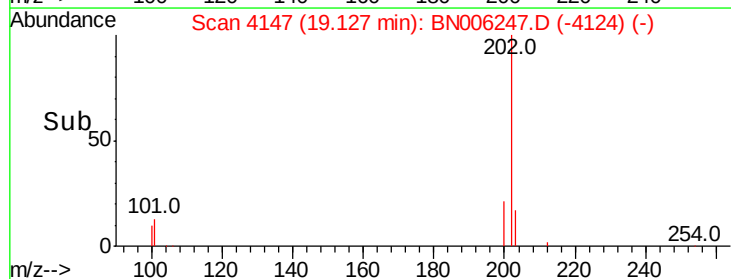
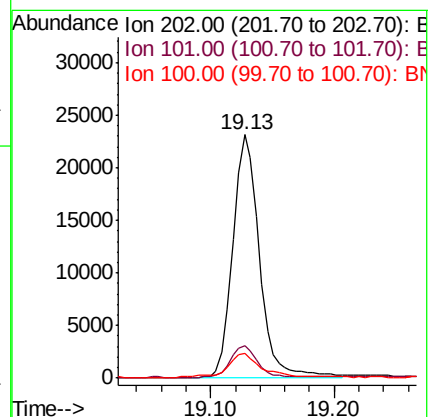
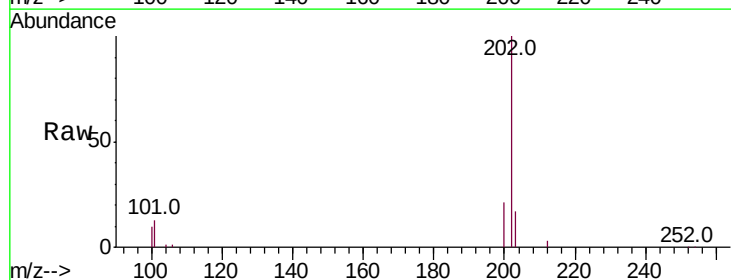
Tgt Ion:202 Resp: 34341

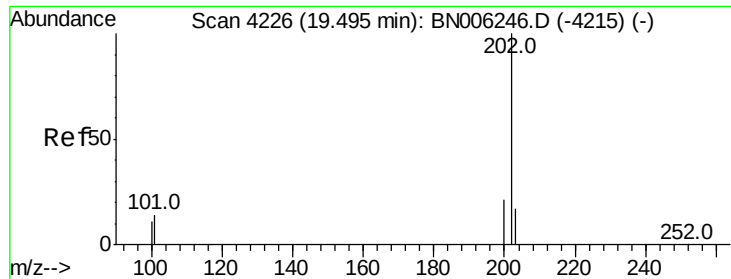
Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.1

100 10.0 0.0 28.7





#17

Pvrene

Concen: 0.696 ng/ul

RT: 19.49 min Scan# 4226

Delta R.T. 0.01 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

Instrument :

BNA_N

ClientSampleId :

A51H4

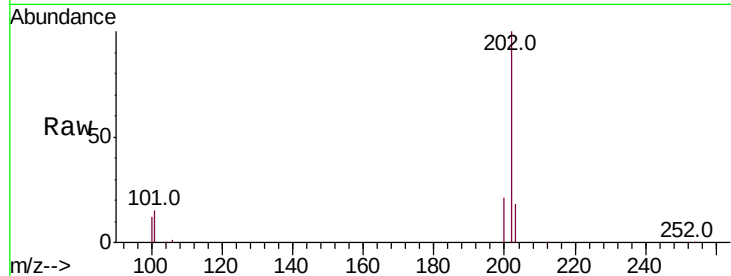
Tot Ion:202 Resp: 46425

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

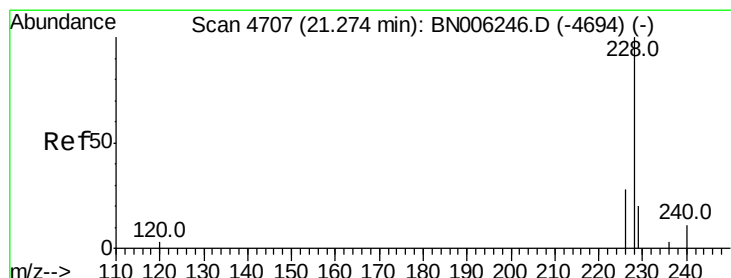
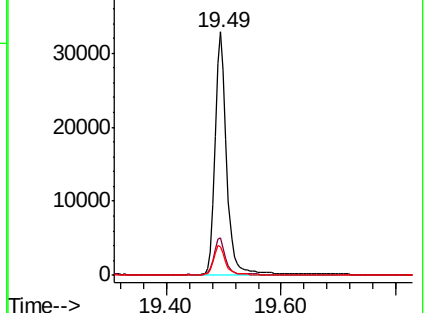
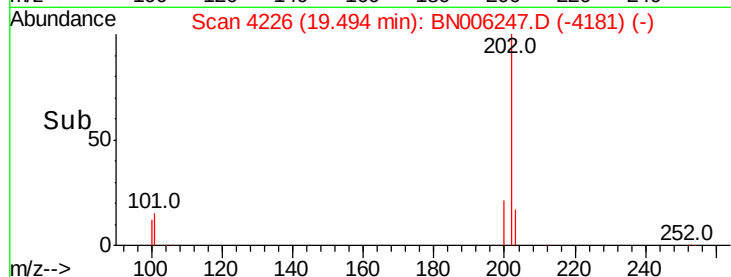
100 12.0 9.8 14.6



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: 0.505 ng/ul

RT: 21.28 min Scan# 4709

Delta R.T. 0.03 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

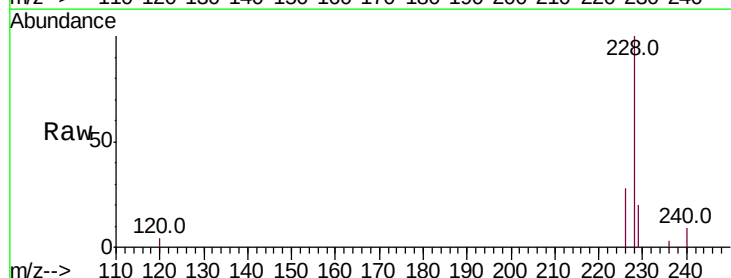
Tgt Ion:228 Resp: 28265

Ion Ratio Lower Upper

228 100

229 20.0 16.5 24.7

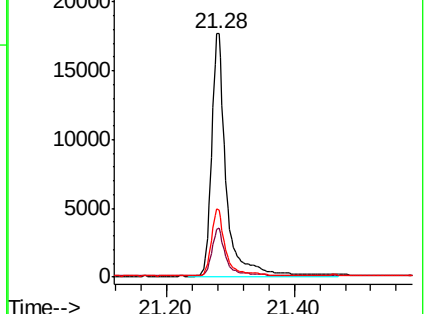
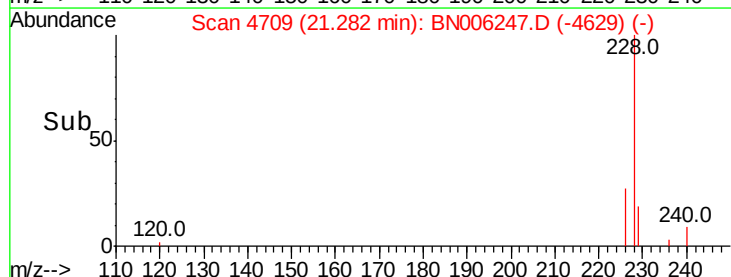
226 27.5 22.8 34.2

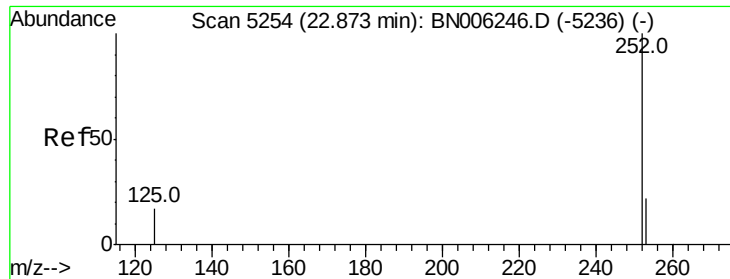


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Benzo(b)fluoranthene

Concen: 0.491 ng/ul

RT: 22.89 min Scan# 5258

Delta R.T. 0.06 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

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A51H4

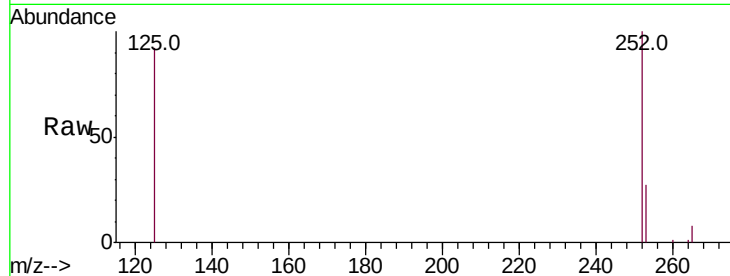
Tot Ion:252 Resp: 28137

Ion Ratio Lower Upper

252 100

253 27.3 0.0 51.4

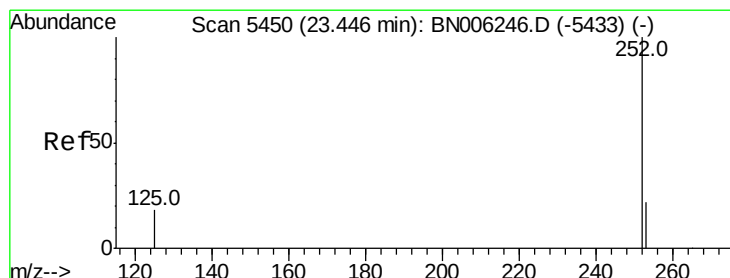
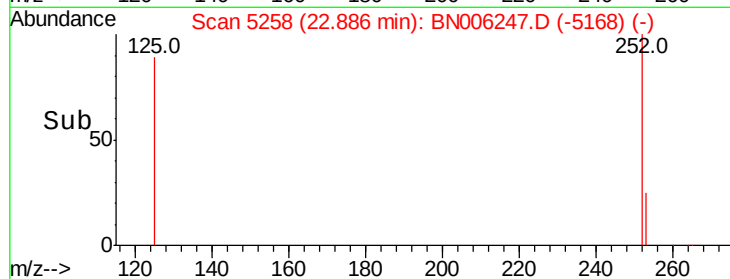
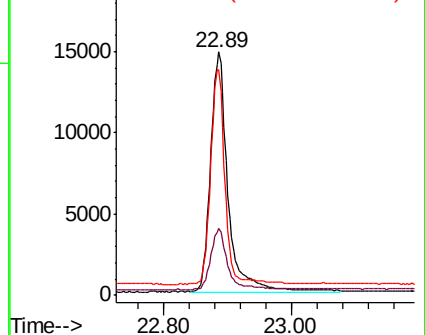
125 92.5 0.0 41.0#



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: 0.329 ng/ul

RT: 23.46 min Scan# 5454

Delta R.T. 0.06 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

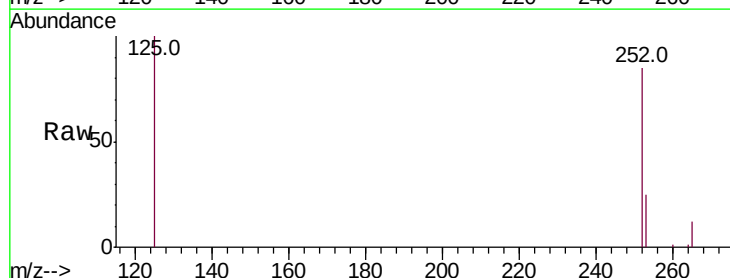
Tgt Ion:252 Resp: 17540

Ion Ratio Lower Upper

252 100

253 29.7 21.1 31.7

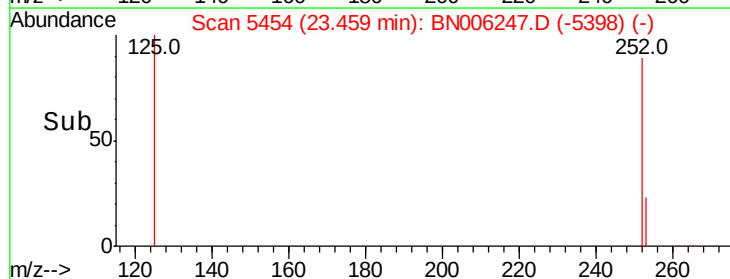
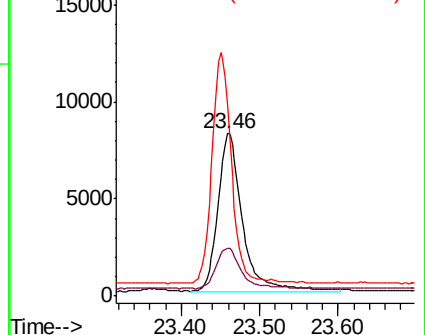
125 117.8 20.3 30.5#

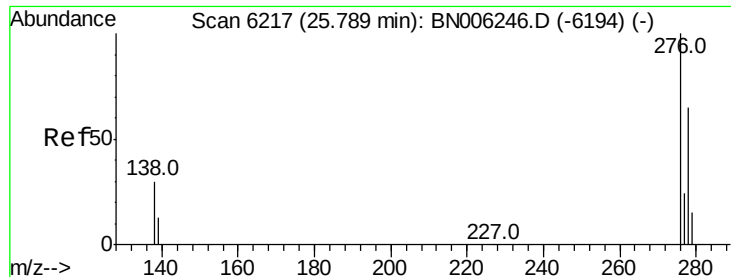


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.675 ng/ul

RT: 25.80 min Scan# 6221

Delta R.T. 0.08 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

Instrument :

BNA_N

ClientSampleId :

A51H4

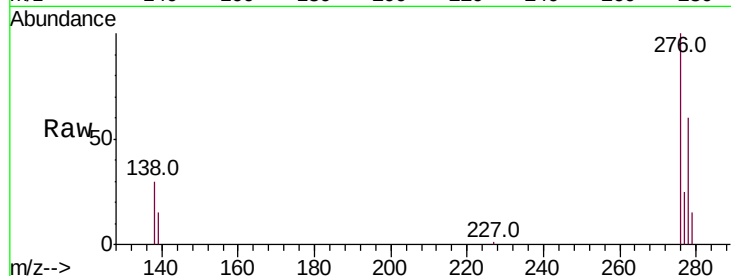
Tot Ion:276 Resp: 38929

Ion Ratio Lower Upper

276 100

138 29.9 25.6 38.4

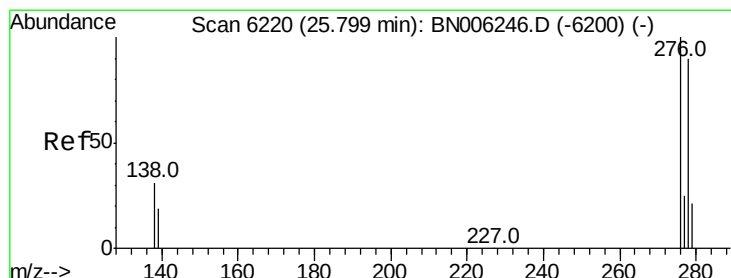
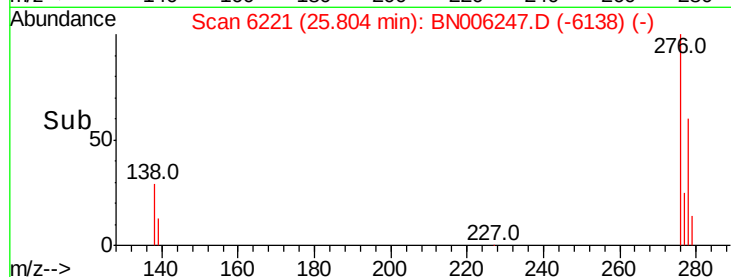
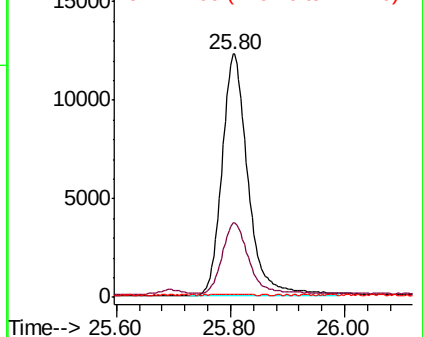
227 0.2 0.3 0.5#



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: 0.636 ng/ul

RT: 25.81 min Scan# 6224

Delta R.T. 0.08 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

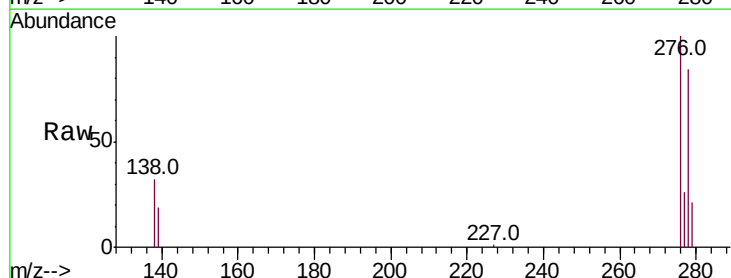
Tgt Ion:278 Resp: 29357

Ion Ratio Lower Upper

278 100

139 23.0 21.2 31.8

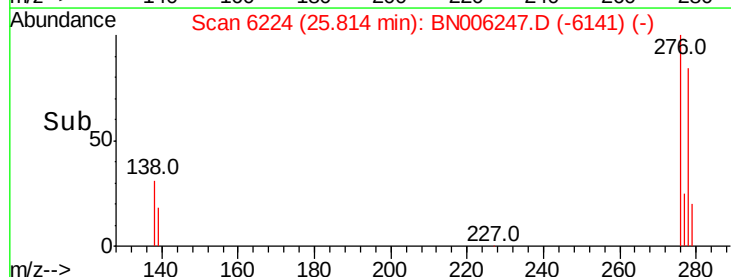
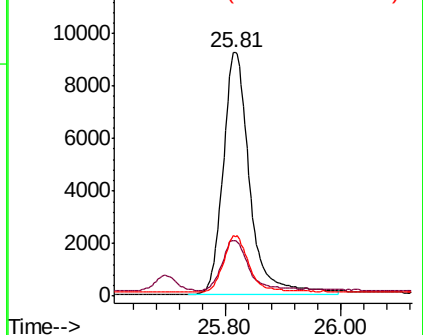
279 24.8 22.6 33.8

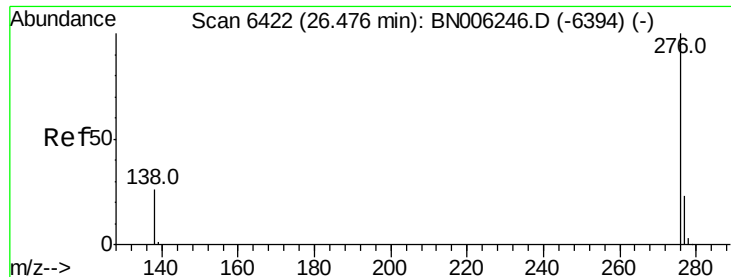


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.710 ng/ul

RT: 26.49 min Scan# 6425

Delta R.T. 0.09 min

Lab File: BN006247.D

Acq: 11 Jun 2019 15:03

Instrument :

BNA_N

ClientSampleId :

A51H4

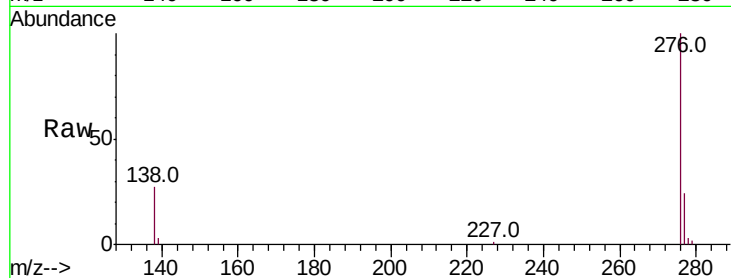
Tot Ion:276 Resp: 34300

Ion Ratio Lower Upper

276 100

138 26.7 24.2 36.4

277 24.0 21.5 32.3



Abundance Ion 276.00 (275.70 to 276.70): E

15000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

