

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006142.D
 Acq On : 06 Jun 2019 18:51
 Operator : JU/SJ
 Sample : K3201-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Quant Time: Jun 07 00:28:59 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 : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

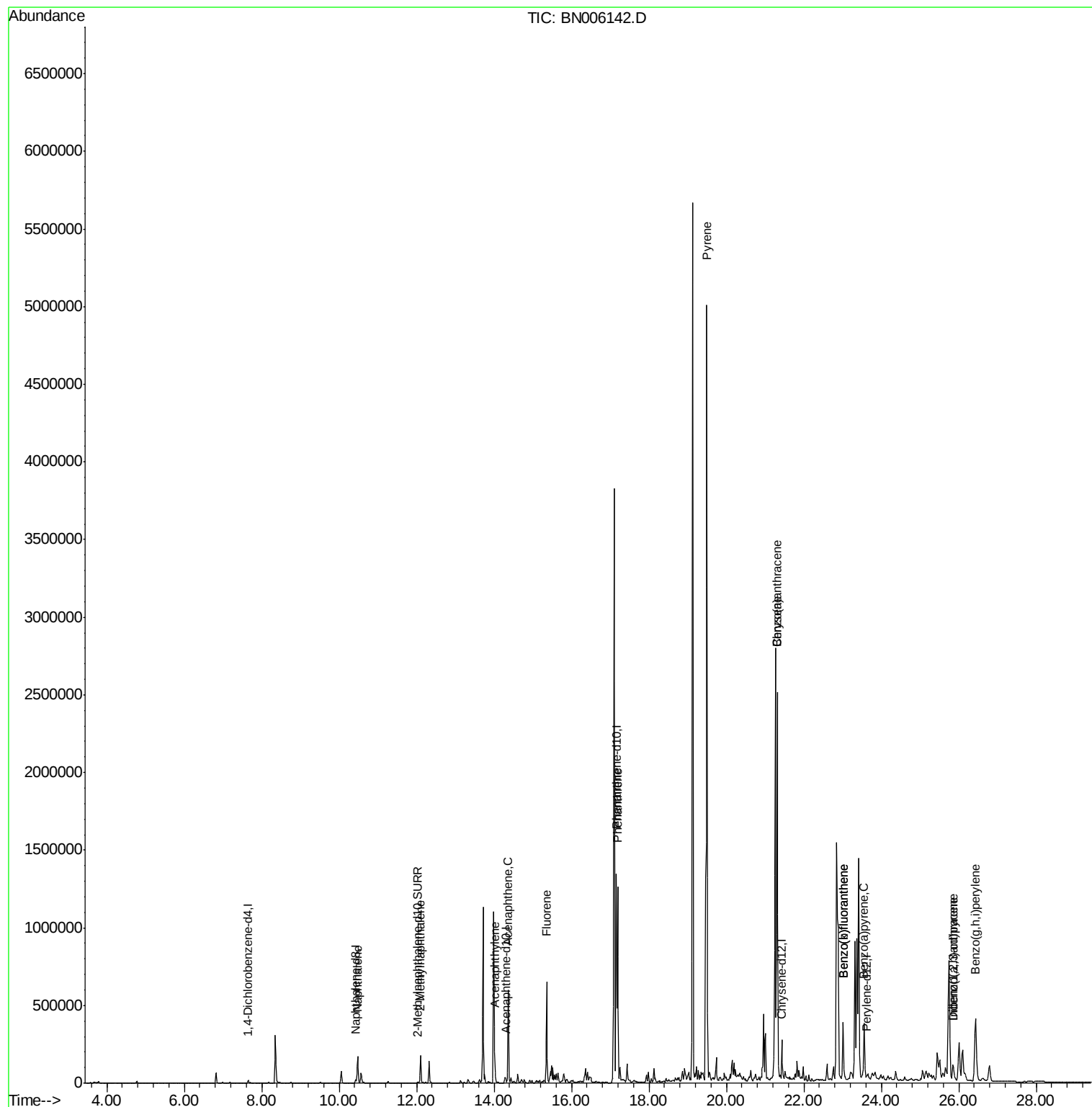
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8626	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	32147	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	17381	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1386284	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	1425	0.40	ng/ul	0.11
20) Perylene-d12	23.62	264	13833	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9279	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.22	212	1765	0.00	ng/ul	0.12
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	229901	2.592	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	130495	2.111	ng/ul	100
7) Acenaphthylene	14.02	152	113543	1.175	ng/ul	98
8) Acenaphthene	14.36	153	339696	5.069	ng/ul	99
9) Fluorene	15.36	166	393475	5.018	ng/ul	98
12) Phenanthrene	17.19	178	1266821	0.285	ng/ul	99
17) Pyrene	19.49	202	4118367	548.671	ng/ul	97
18) Benzo(a)anthracene	21.31	228	2288068	363.037	ng/ul	95
19) Chrysene	21.31	228	2288068	386.714	ng/ul	98
21) Benzo(b)fluoranthene	23.01	252	476968	8.269	ng/ul	93
22) Benzo(k)fluoranthene	23.01	252	476968	8.490	ng/ul	95
23) Benzo(a)pyrene	23.55	252	436106	8.118	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.85	276	40654	0.699	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.85	278	141444	3.043	ng/ul	96
26) Benzo(g,h,i)perylene	26.43	276	813520	16.704	ng/ul	94

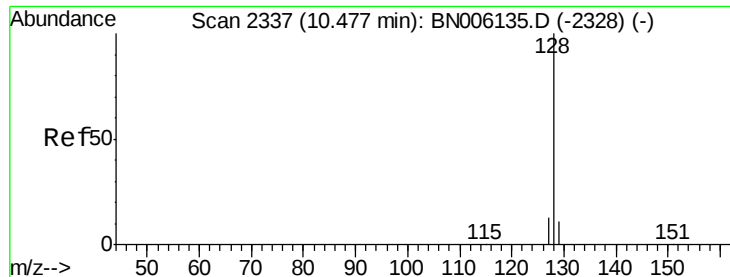
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006142.D
Acq On : 06 Jun 2019 18:51
Operator : JU/SJ
Sample : K3201-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC2

Quant Time: Jun 07 00:28:59 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 : Fri Jun 07 00:25:28 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.592 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

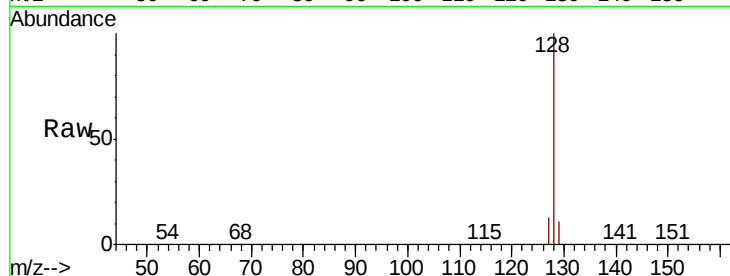
Tgt Ion:128 Resp: 229901

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

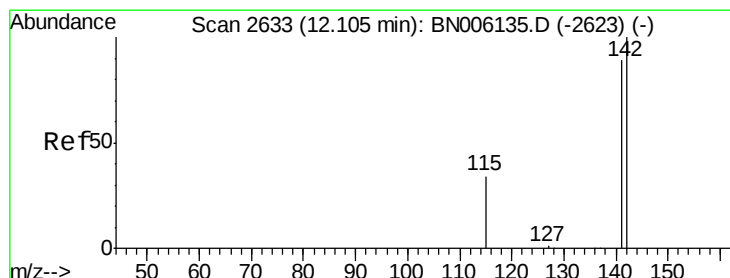
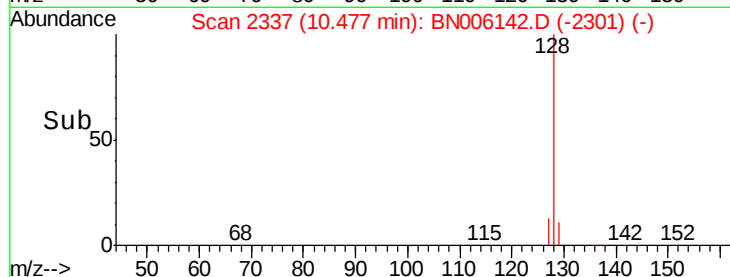
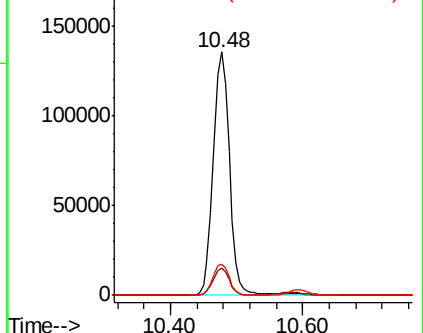
127 12.9 10.7 16.1



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: 2.111 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006142.D

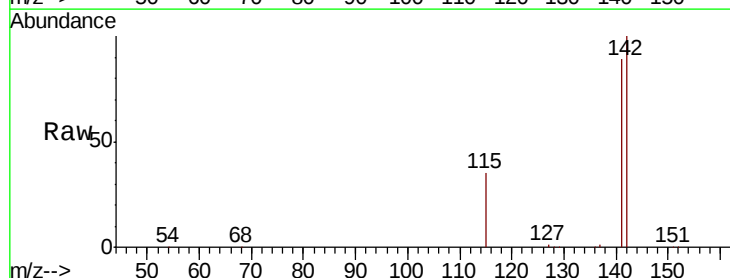
Acq: 06 Jun 2019 18:51

Tgt Ion:142 Resp: 130495

Ion Ratio Lower Upper

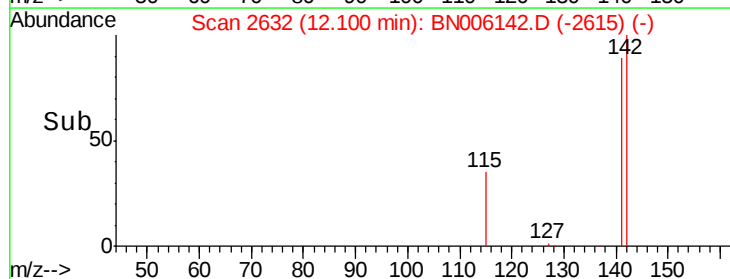
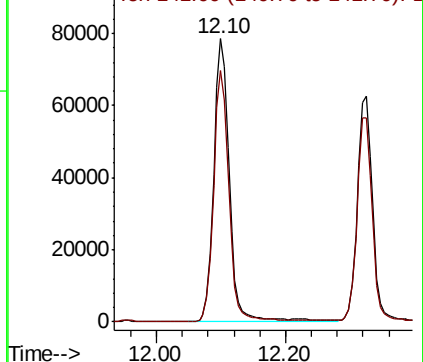
142 100

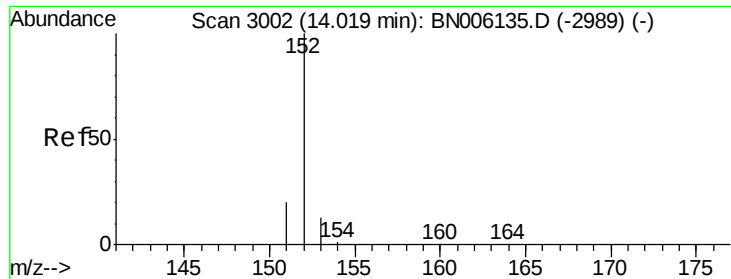
141 88.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.175 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

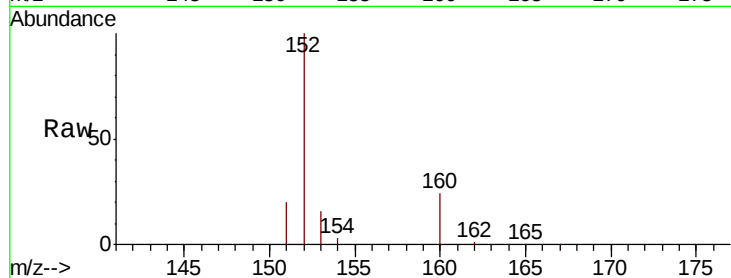
Tgt Ion:152 Resp: 113543

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

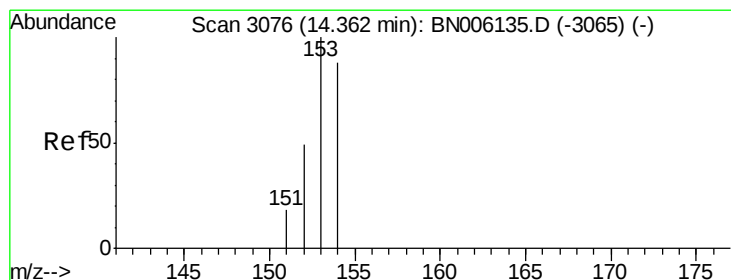
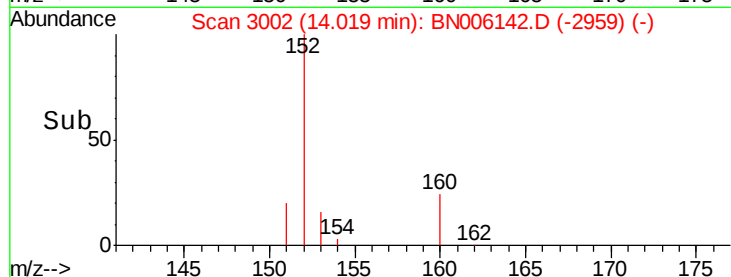
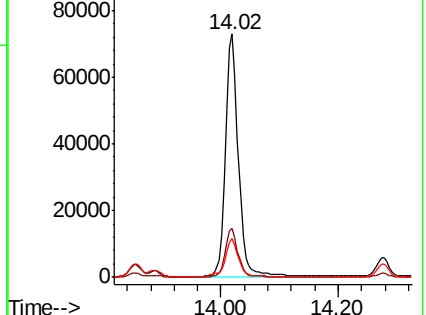
153 15.8 10.8 16.2



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: 5.069 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

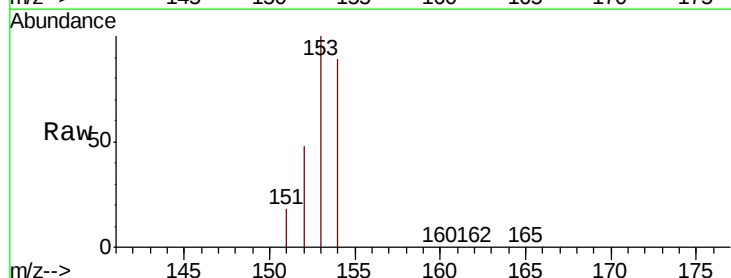
Tgt Ion:153 Resp: 339696

Ion Ratio Lower Upper

153 100

152 47.8 39.1 58.7

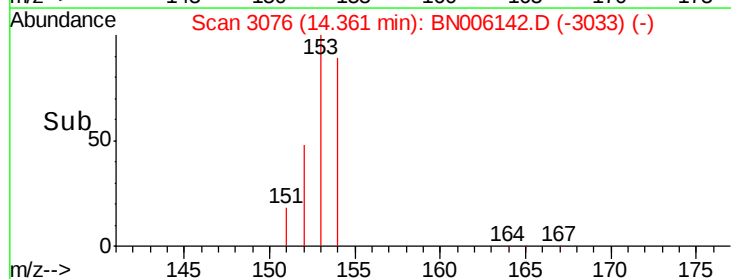
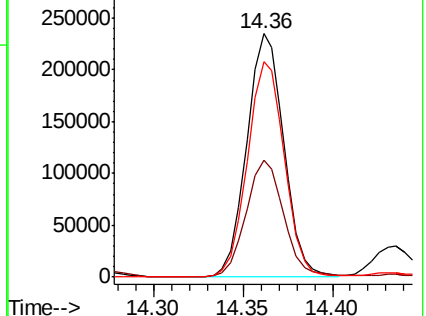
154 88.6 71.1 106.7

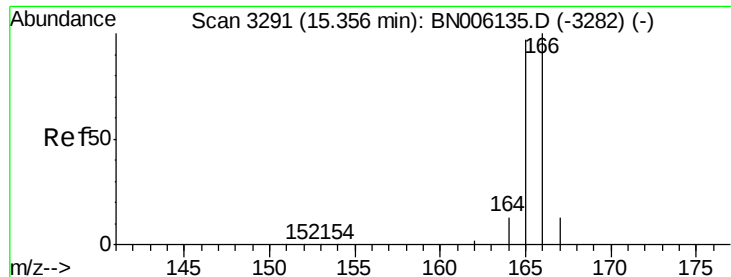


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

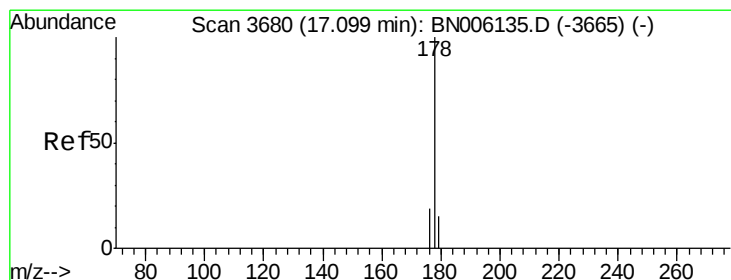
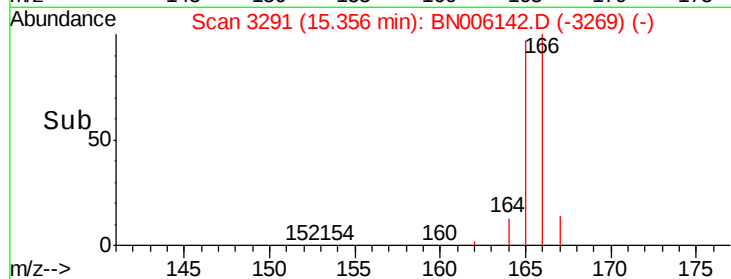
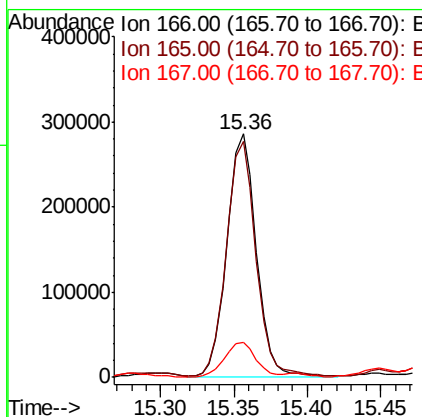
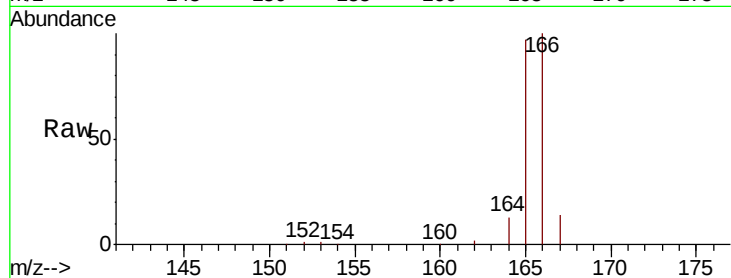




#9
Fluorene
 Concen: 5.018 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN006142.D
 Acq: 06 Jun 2019 18:51

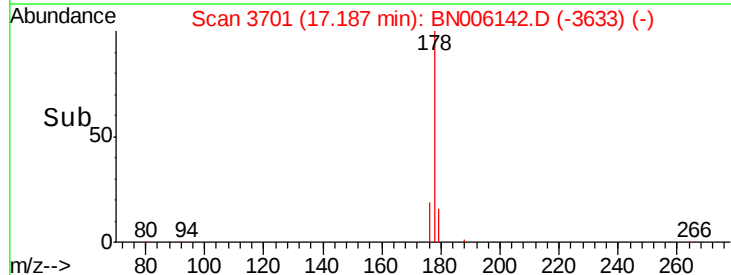
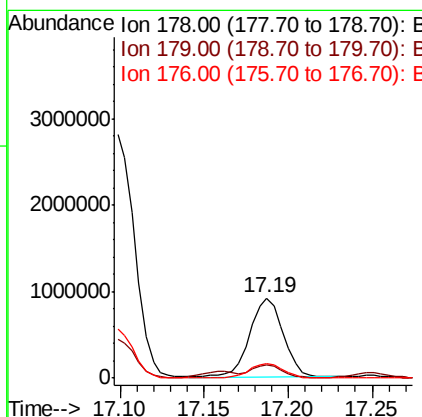
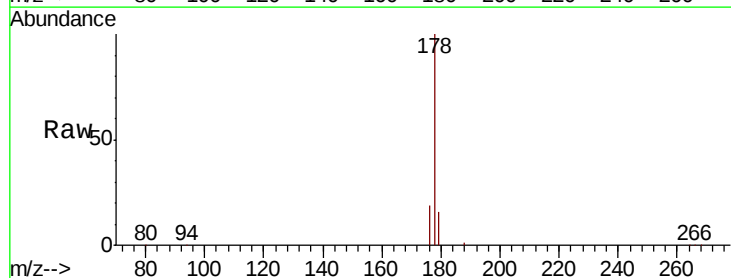
Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

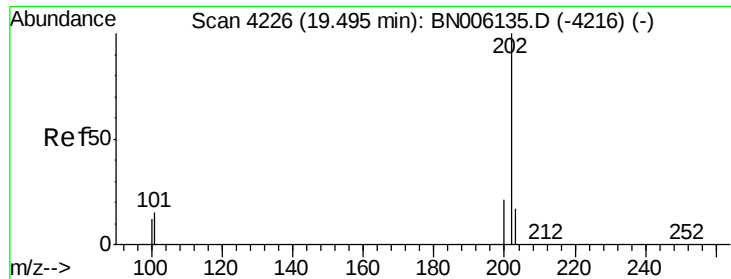
Tgt Ion:166 Resp: 393475
 Ion Ratio Lower Upper
 166 100
 165 97.2 76.4 114.6
 167 14.4 11.0 16.6



#12
Phenanthrene
 Concen: 0.285 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.09 min
 Lab File: BN006142.D
 Acq: 06 Jun 2019 18:51

Tgt Ion:178 Resp: 1266821
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 18.6 15.3 22.9

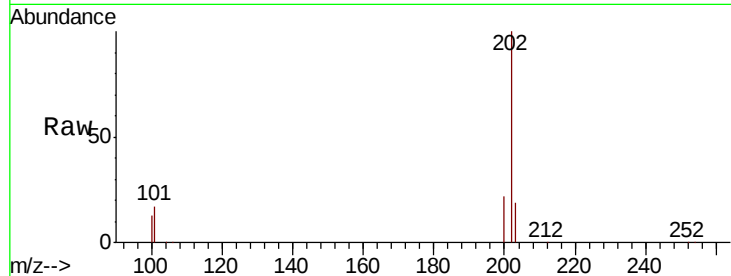




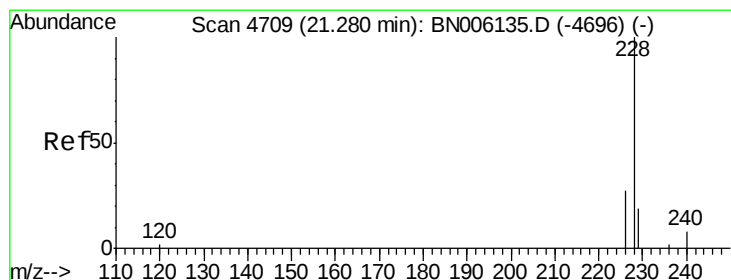
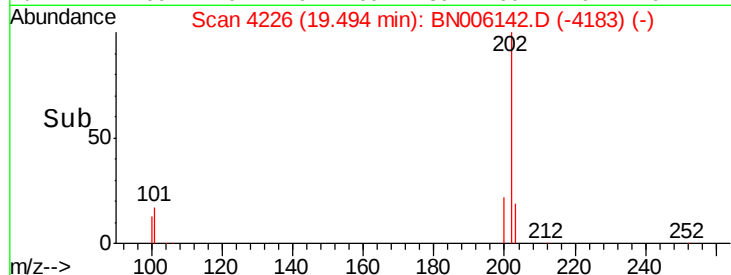
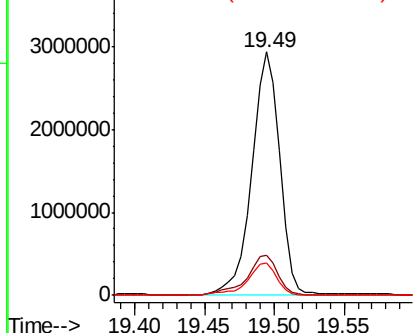
#17
 Pyrene
 Concen: 548.671 ng/ul
 RT: 19.49 min Scan# 4226
 Delta R.T. -0.00 min
 Lab File: BN006142.D
 Acq: 06 Jun 2019 18:51

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Tgt Ion:202 Resp: 4118367
 Ion Ratio Lower Upper
 202 100
 101 16.7 12.2 18.2
 100 13.1 9.8 14.6

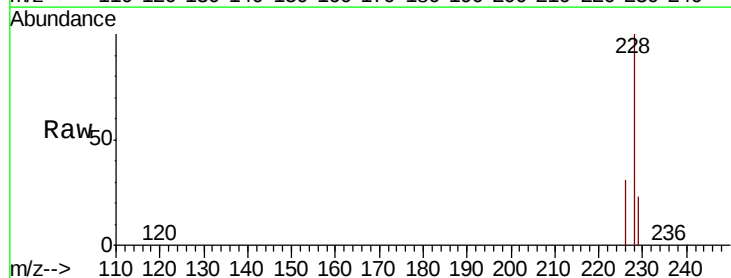


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

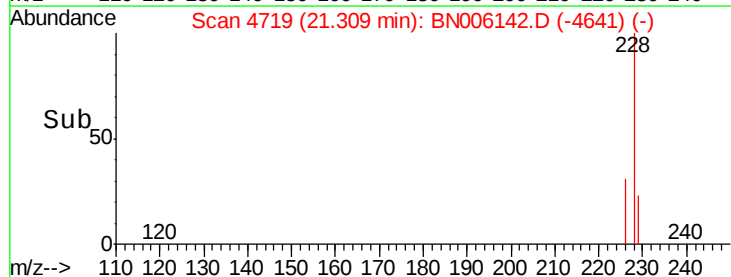
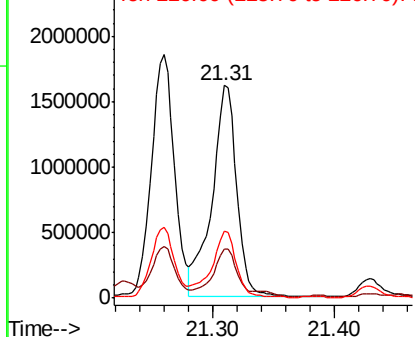


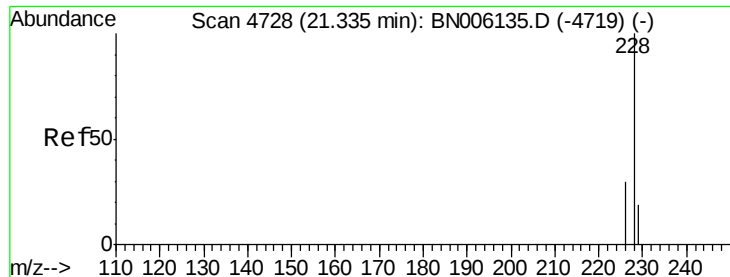
#18
 Benzo(a)anthracene
 Concen: 363.037 ng/ul
 RT: 21.31 min Scan# 4719
 Delta R.T. 0.03 min
 Lab File: BN006142.D
 Acq: 06 Jun 2019 18:51

Tgt Ion:228 Resp: 2288068
 Ion Ratio Lower Upper
 228 100
 229 23.1 16.5 24.7
 226 31.4 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





#19

Chrysene

Concen: 386.714 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. -0.03 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

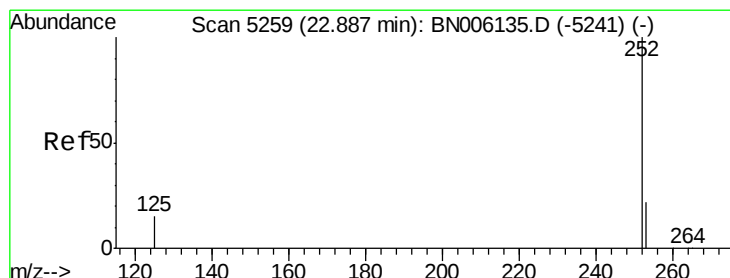
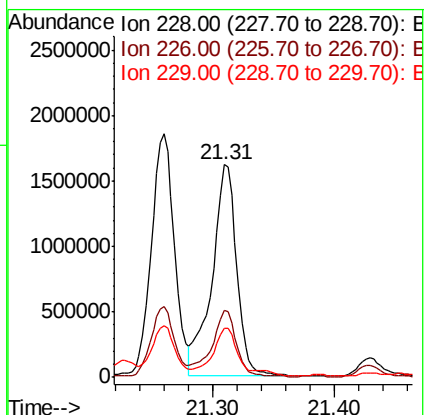
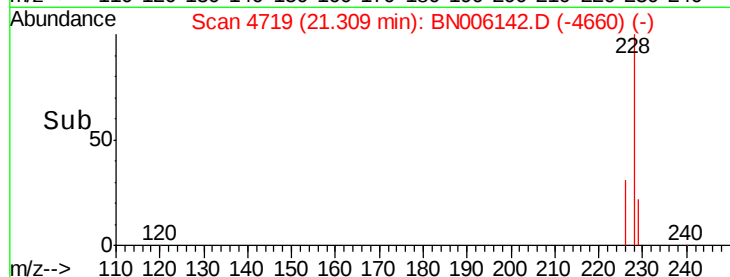
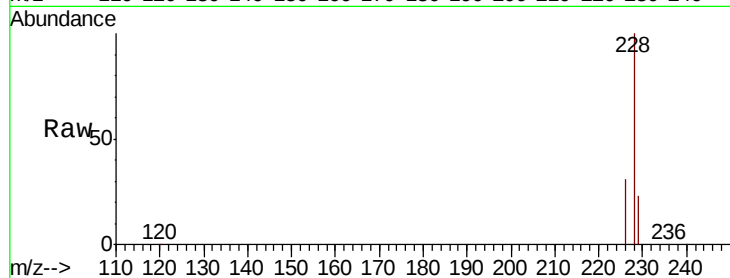
Tgt Ion:228 Resp: 2288068

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 23.1 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 8.269 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.13 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

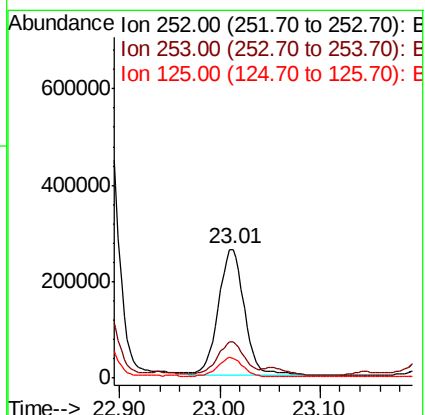
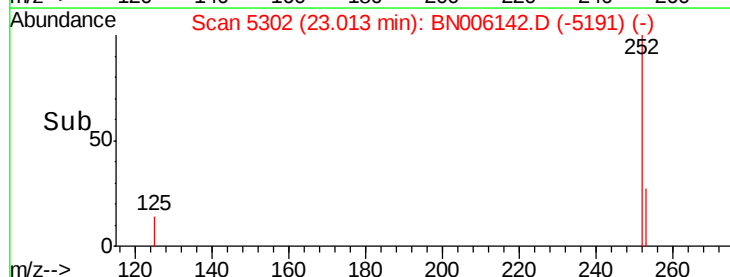
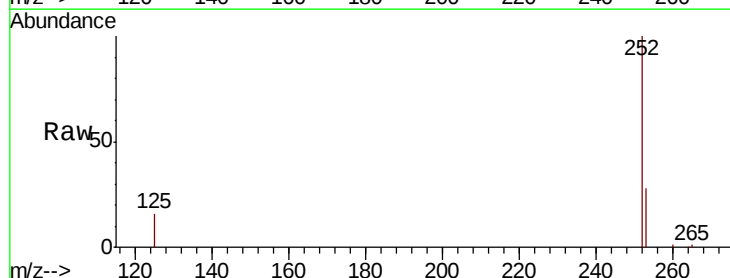
Tgt Ion:252 Resp: 476968

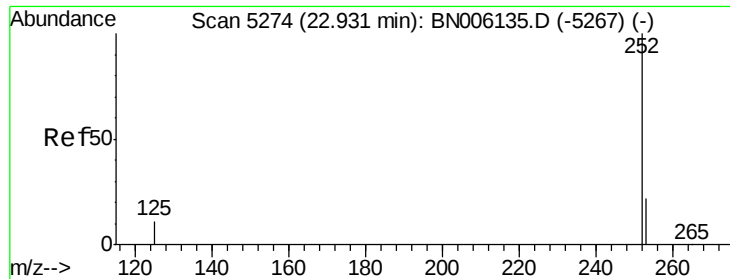
Ion Ratio Lower Upper

252 100

253 28.0 0.0 51.4

125 15.6 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 8.490 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.08 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

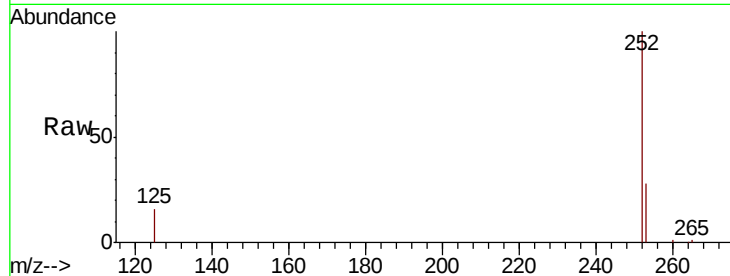
Tgt Ion:252 Resp: 476968

Ion Ratio Lower Upper

252 100

253 28.0 20.3 30.5

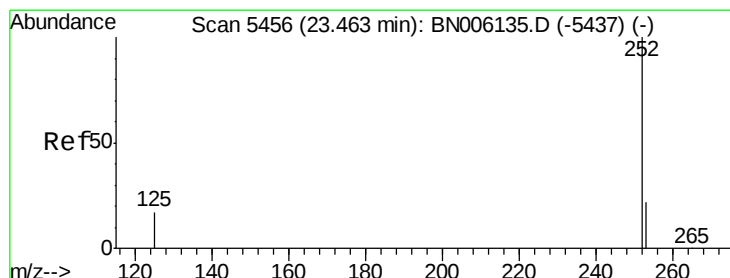
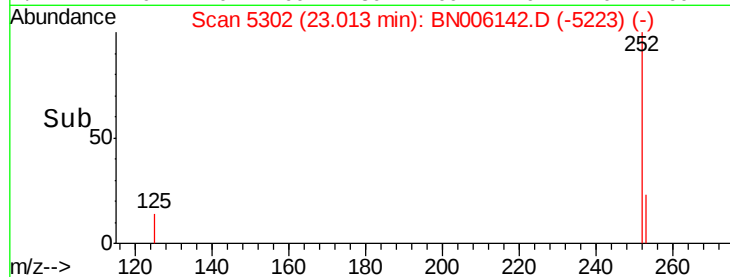
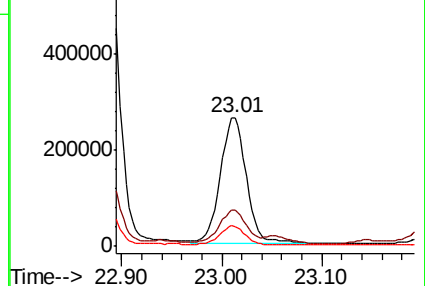
125 15.6 14.3 21.5



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



#23

Benzo(a)pyrene

Concen: 8.118 ng/ul

RT: 23.55 min Scan# 5487

Delta R.T. 0.09 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

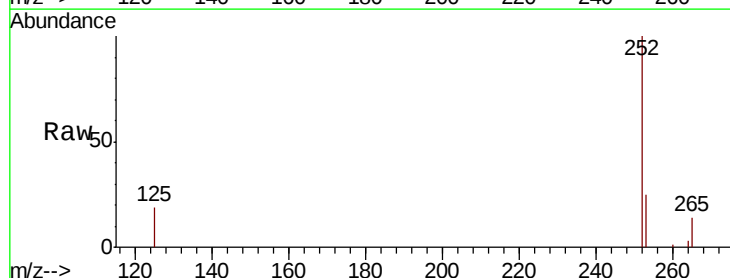
Tgt Ion:252 Resp: 436106

Ion Ratio Lower Upper

252 100

253 25.0 21.1 31.7

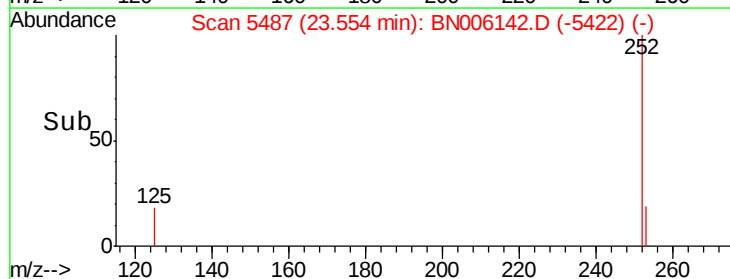
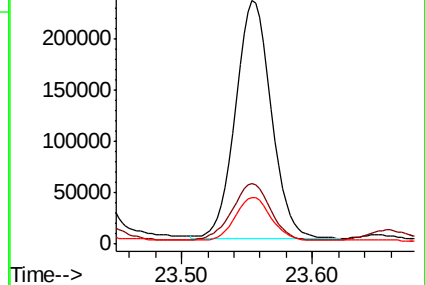
125 19.1 20.3 30.5#

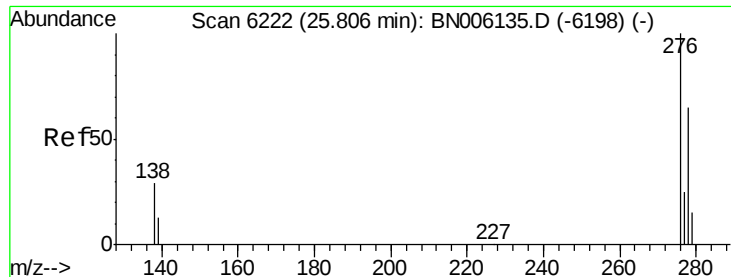


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.699 ng/ul

RT: 25.85 min Scan# 6236

Delta R.T. 0.05 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

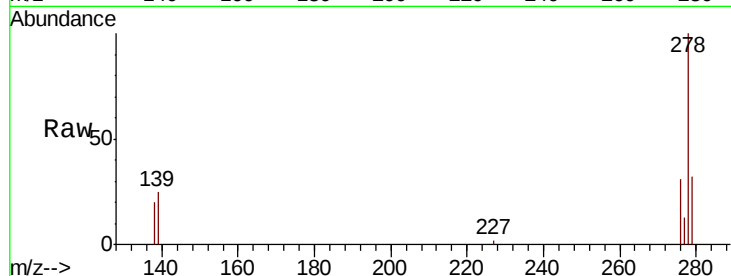
Tgt Ion: 276 Resp: 40654

Ion Ratio Lower Upper

276 100

138 58.8 25.6 38.4#

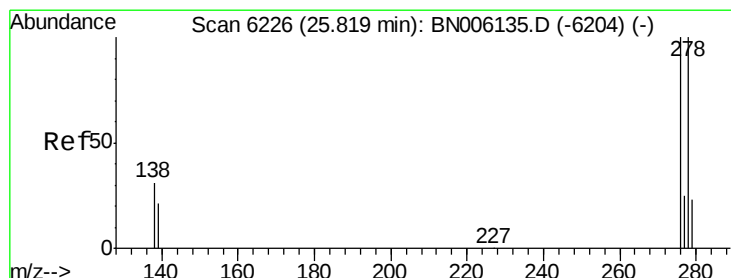
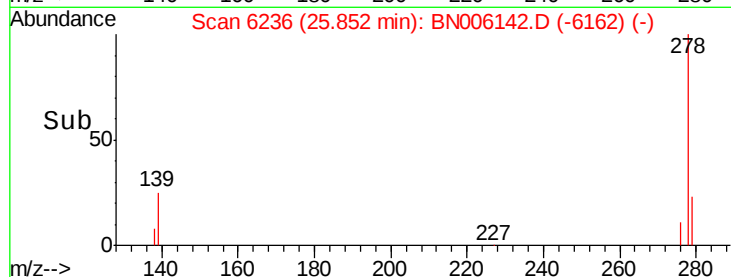
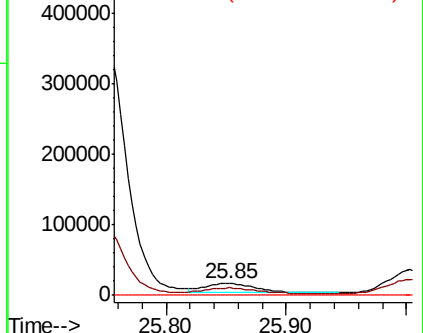
227 0.0 0.3 0.5#



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: 3.043 ng/ul

RT: 25.85 min Scan# 6236

Delta R.T. 0.03 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

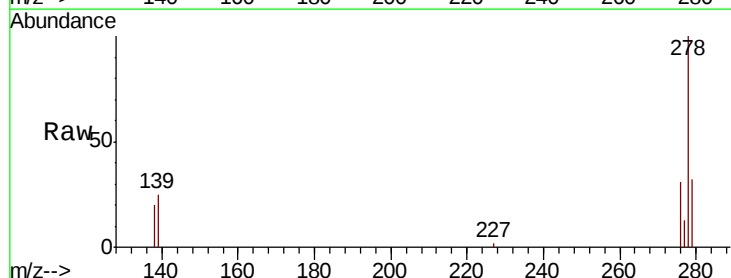
Tgt Ion: 278 Resp: 141444

Ion Ratio Lower Upper

278 100

139 25.4 21.2 31.8

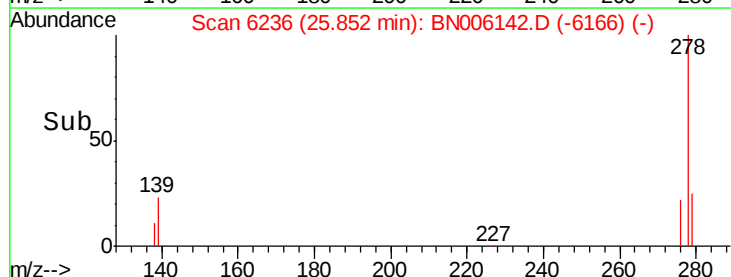
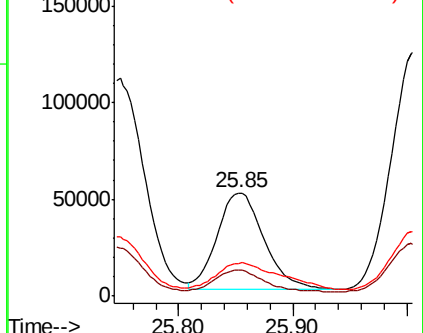
279 31.6 22.6 33.8

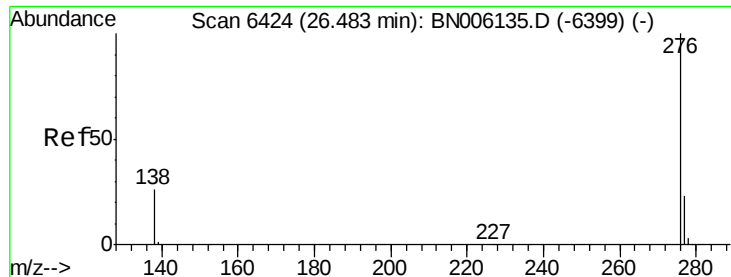


Abundance Ion 278.00 (277.70 to 278.70): E

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: 16.704 ng/ul

RT: 26.43 min Scan# 6409

Delta R.T. -0.05 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

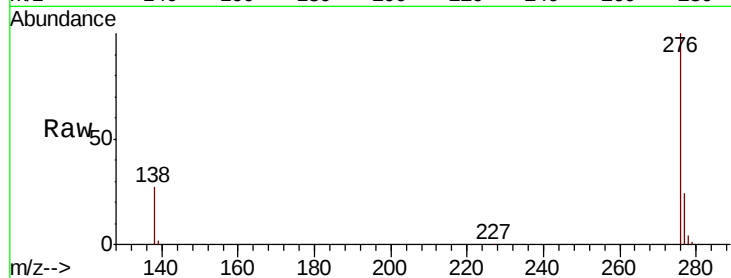
Tgt Ion: 276 Resp: 813520

Ion Ratio Lower Upper

276 100

138 26.8 24.2 36.4

277 24.3 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

