

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008678.D
 Acq On : 21 Nov 2019 01:43
 Operator : JU
 Sample : K5851-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 21 02:44:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 00:43:05 2019
 Response via : Initial Calibration

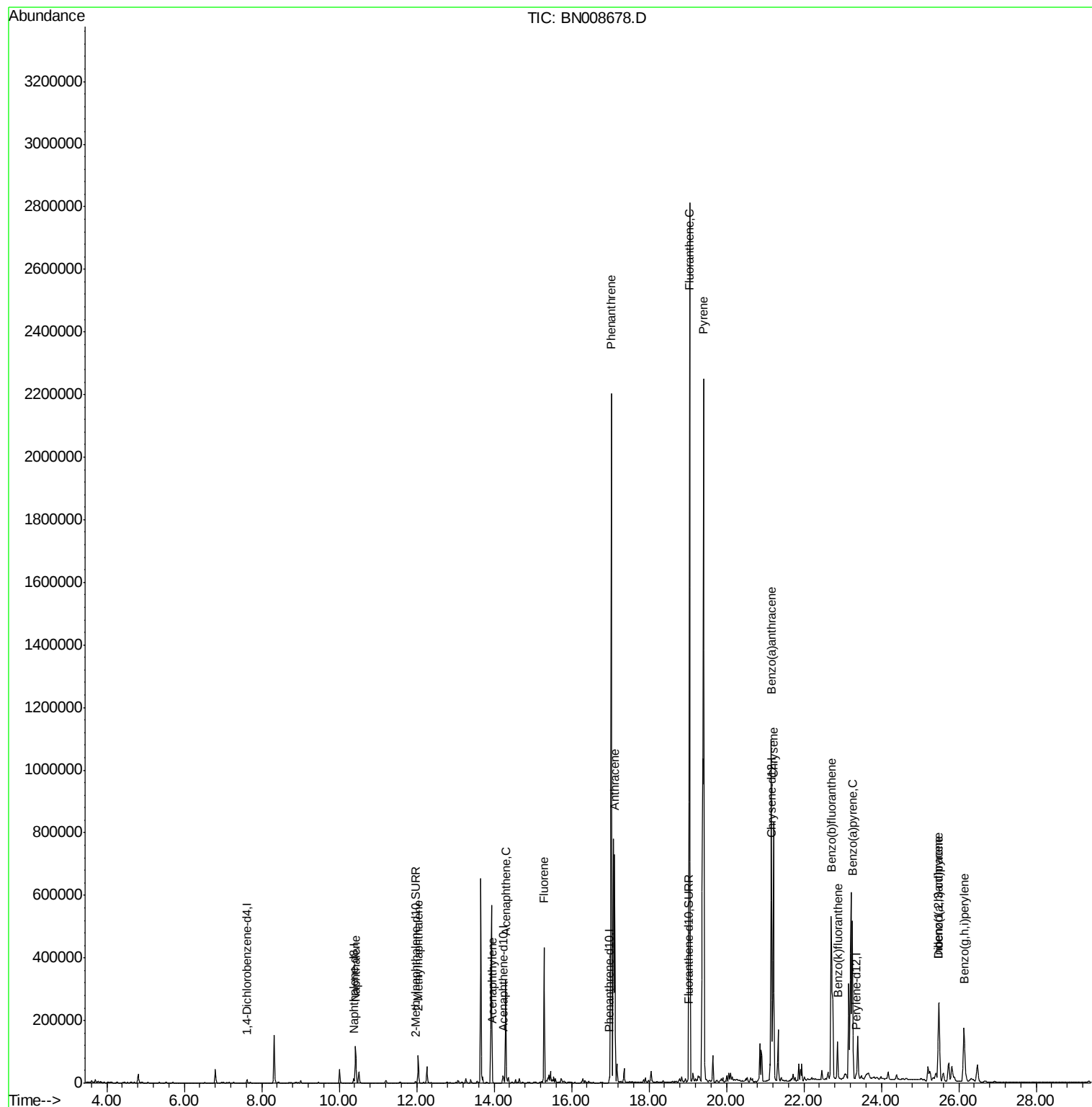
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4932	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	18694	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10596	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	21033	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	15619	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	16867	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4892	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11423	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	152664	2.709	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	61340	1.559	ng/ul	100
7) Acenaphthylene	13.96	152	6145	0.105	ng/ul#	83
8) Acenaphthene	14.30	153	181417	4.173	ng/ul	98
9) Fluorene	15.29	166	266179	5.214	ng/ul	99
12) Phenanthrene	17.02	178	2363608	33.321	ng/ul	98
13) Anthracene	17.11	178	745069	11.116	ng/ul	98
15) Fluoranthene	19.05	202	2357935	27.057	ng/ul	94
17) Pyrene	19.41	202	1894931	30.241	ng/ul	96
18) Benzo(a)anthracene	21.16	228	911596	14.513	ng/ul	99
19) Chrysene	21.21	228	762877	12.366	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	1160871	16.690	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	138236	2.004	ng/ul	96
23) Benzo(a)pyrene	23.25	252	645619	9.889	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	363246	4.758	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.49	278	93145	1.511	ng/ul	98
26) Benzo(a,h,i)perylene	26.14	276	329071	5.152	ng/ul	99

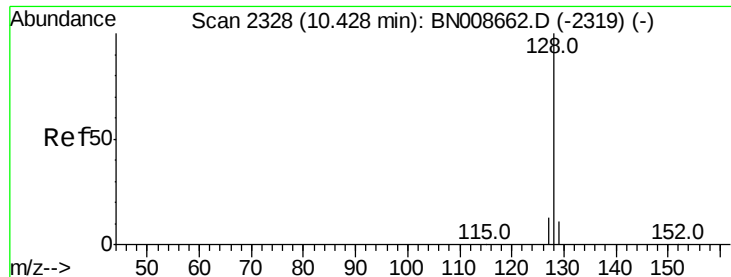
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008678.D
Acq On : 21 Nov 2019 01:43
Operator : JU
Sample : K5851-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 21 02:44:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 00:43:05 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.709 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

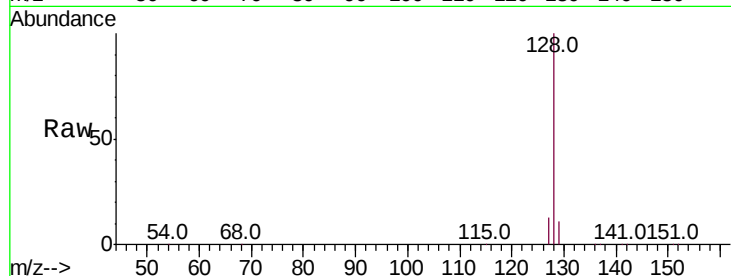
Tot Ion:128 Resp: 152664

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

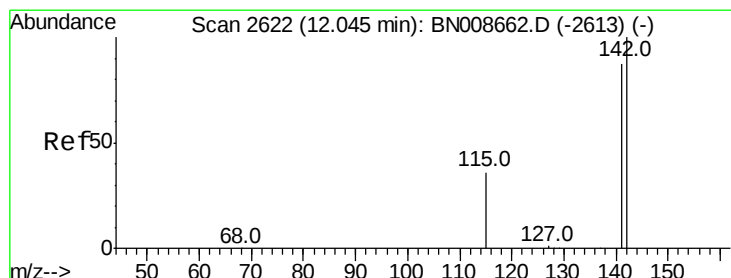
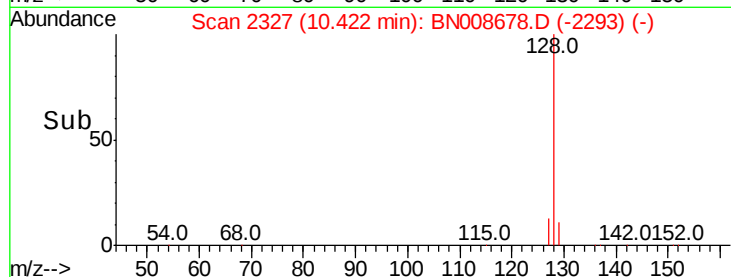
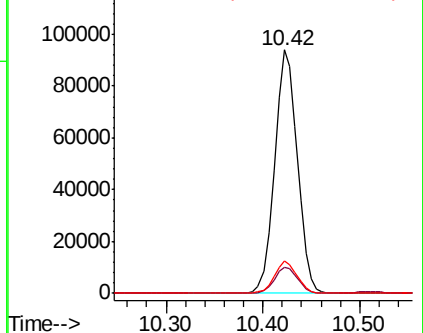
127 13.1 10.8 16.2



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: 1.559 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008678.D

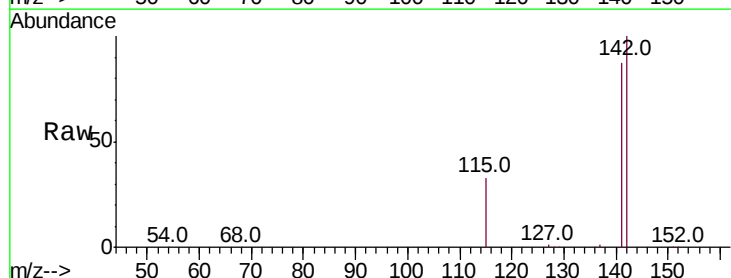
Acq: 21 Nov 2019 01:43

Tgt Ion:142 Resp: 61340

Ion Ratio Lower Upper

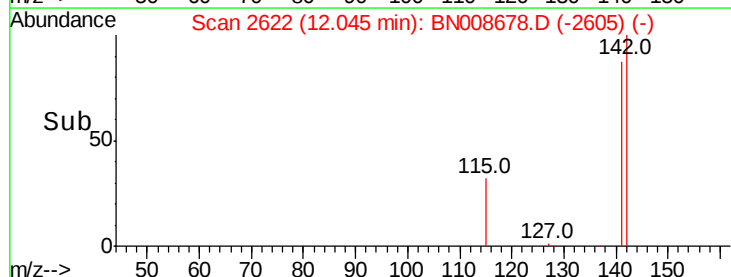
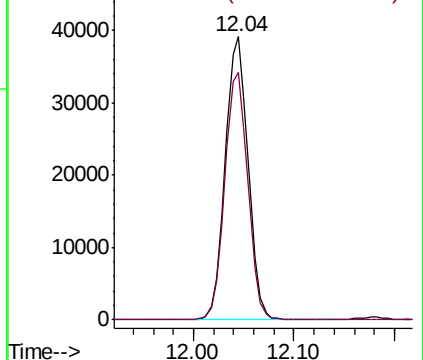
142 100

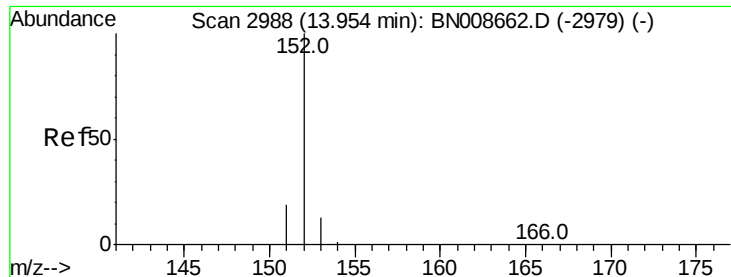
141 88.1 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.105 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

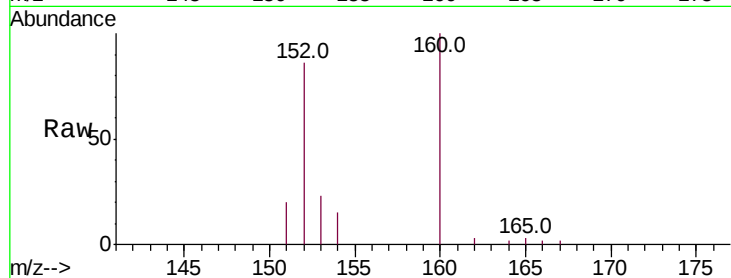
Tot Ion:152 Resp: 6145

Ion Ratio Lower Upper

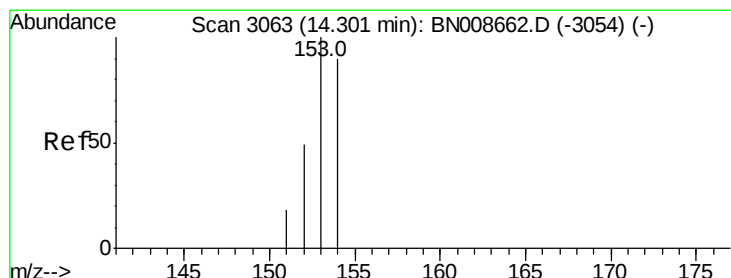
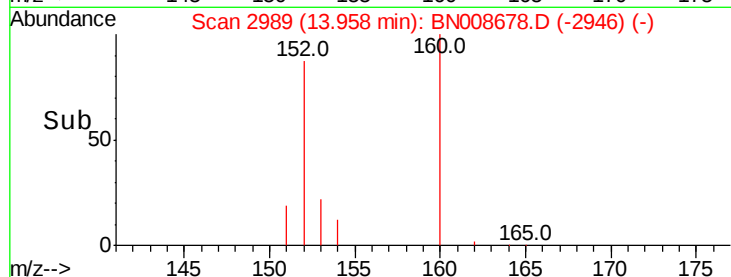
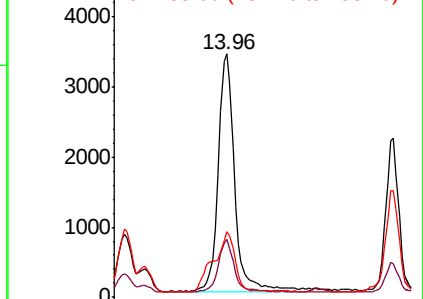
152 100

151 23.7 16.6 24.8

153 27.0 11.1 16.7#



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: 4.173 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

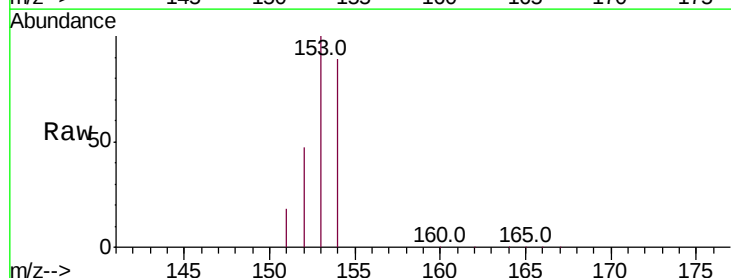
Tgt Ion:153 Resp: 181417

Ion Ratio Lower Upper

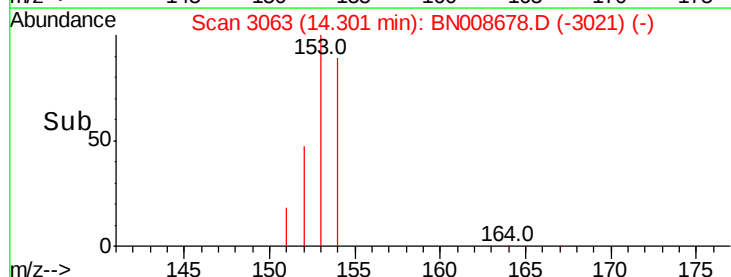
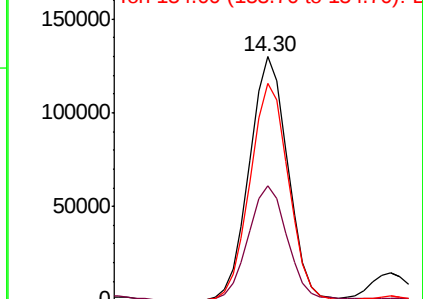
153 100

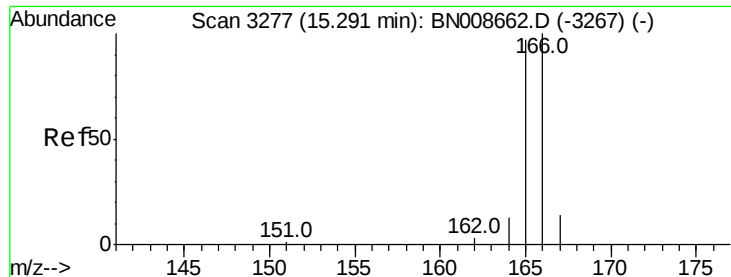
152 47.2 39.6 59.4

154 88.9 70.6 106.0



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: 5.214 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

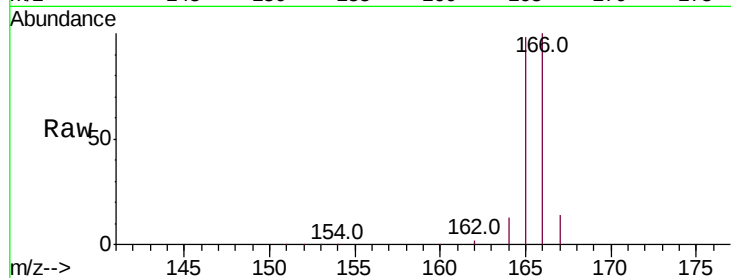
Tot Ion:166 Resp: 266179

Ion Ratio Lower Upper

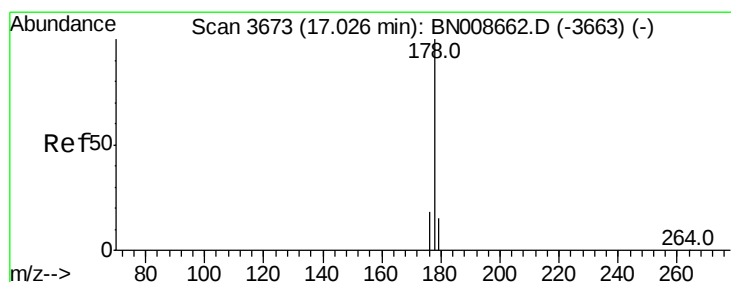
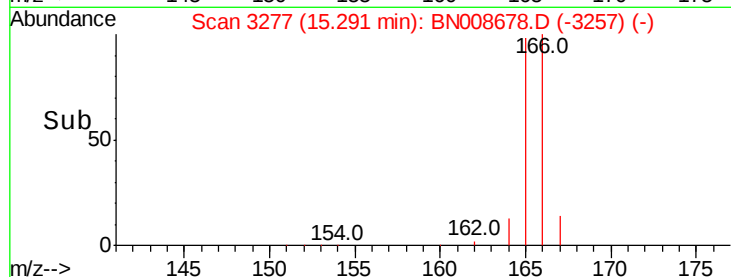
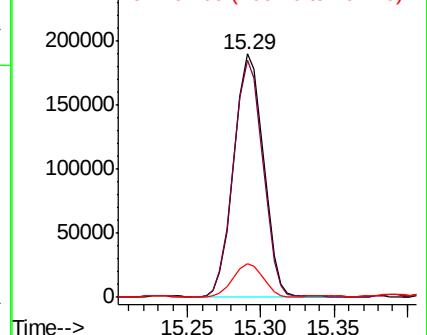
166 100

165 97.6 77.4 116.0

167 13.8 11.4 17.0



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: 33.321 ng/ul

RT: 17.02 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

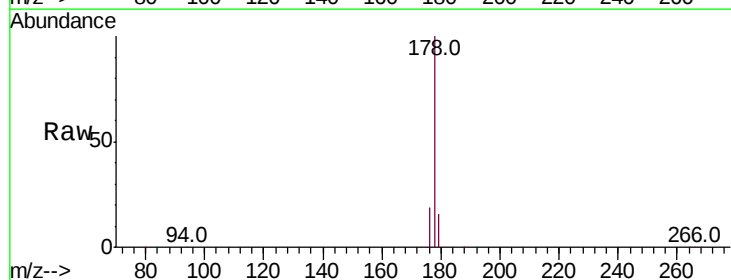
Tgt Ion:178 Resp: 2363608

Ion Ratio Lower Upper

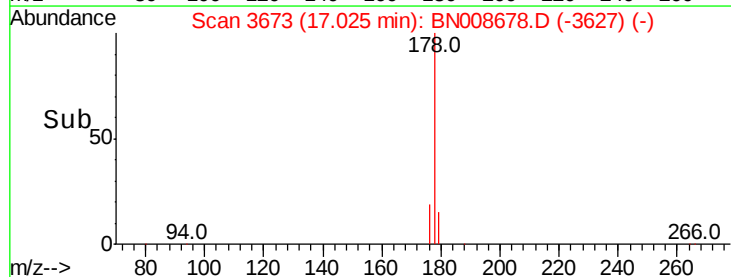
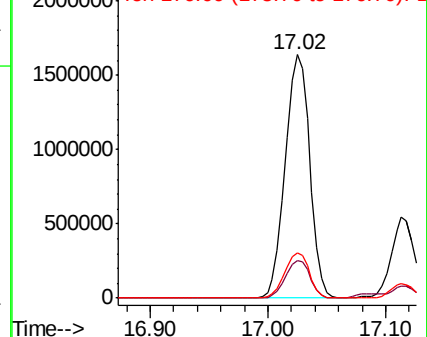
178 100

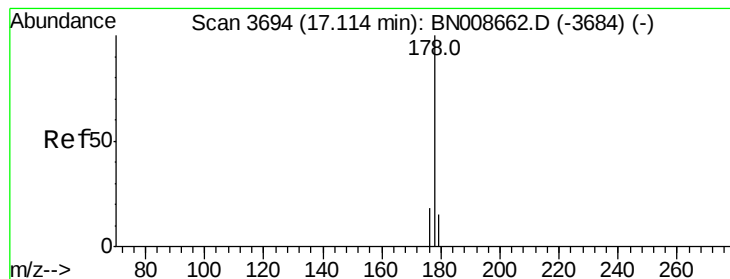
179 15.5 12.8 19.2

176 18.8 16.0 24.0



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: 11.116 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampled :

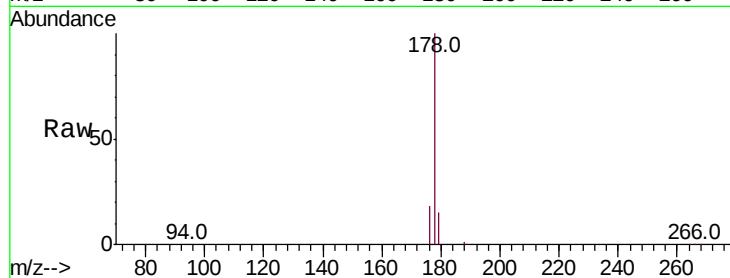
Tot Ion:178 Resp: 745069

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.4

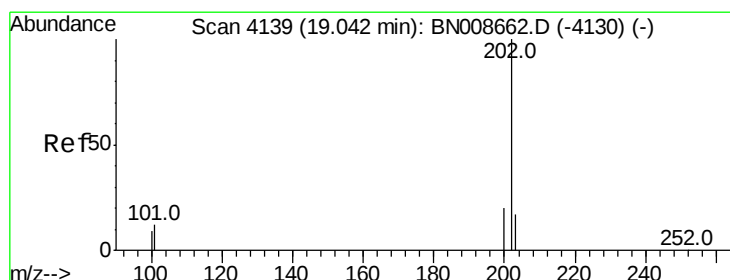
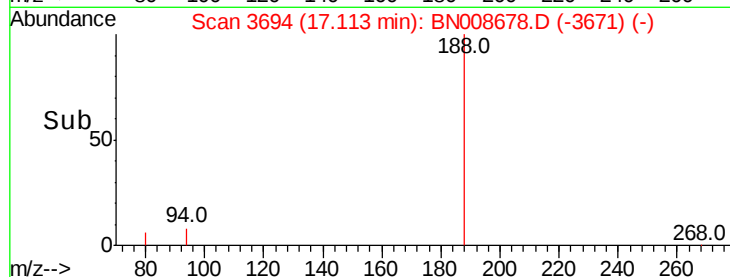
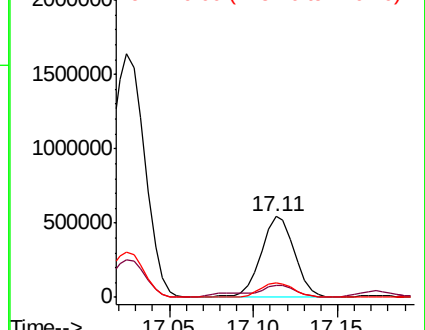
176 18.2 15.3 22.9



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



#15

Fluoranthene

Concen: 27.057 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

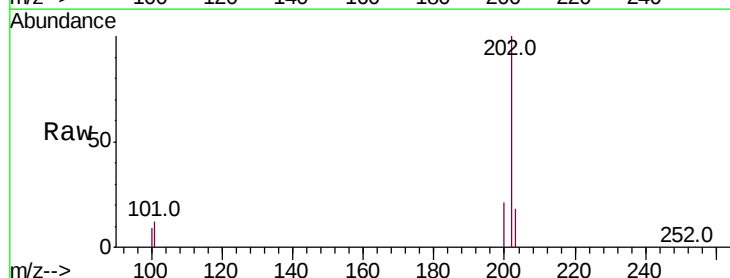
Tgt Ion:202 Resp: 2357935

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.6

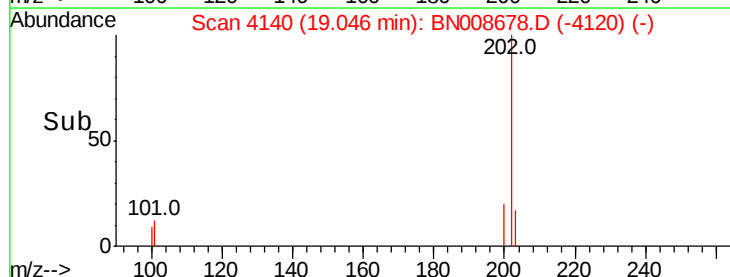
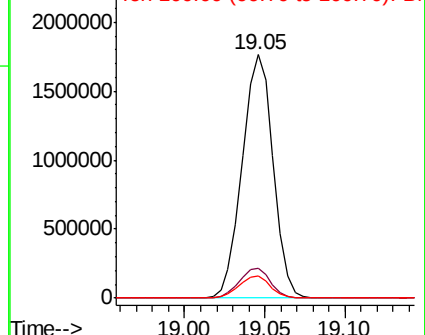
100 9.0 0.0 27.0

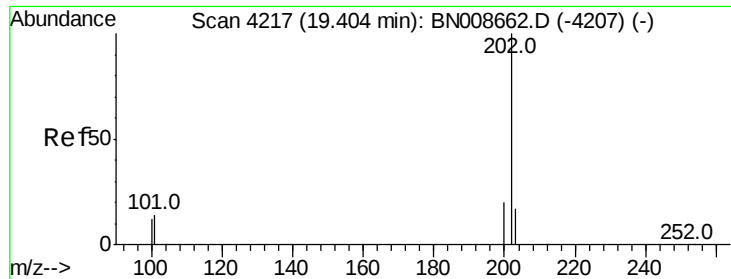


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

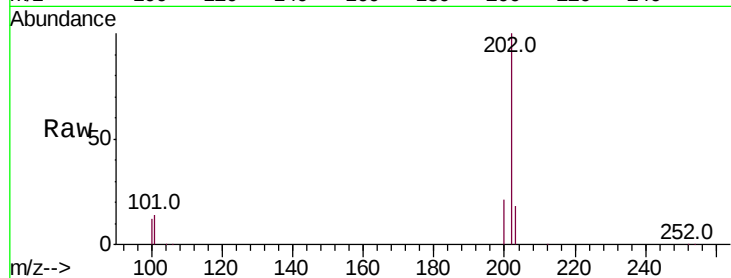




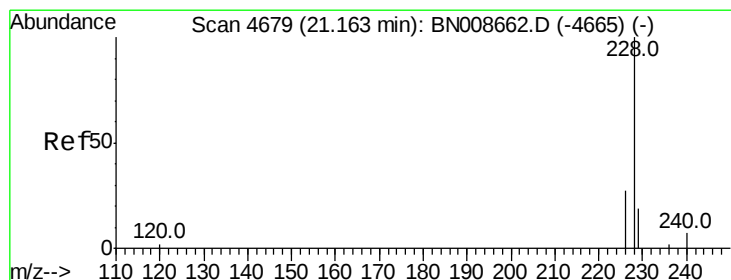
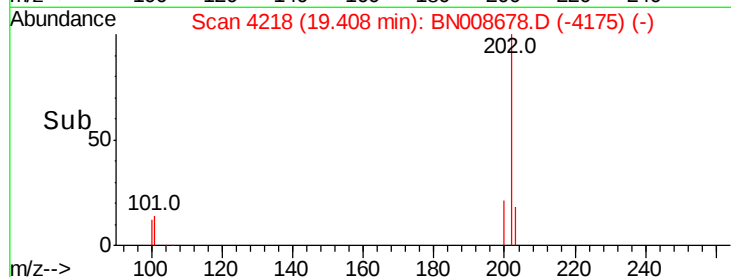
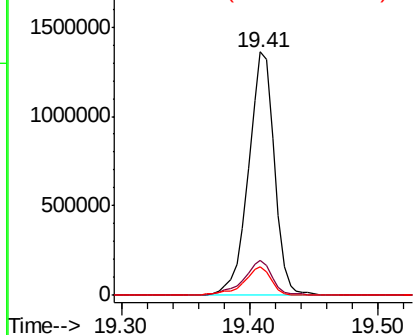
#17
Pvrene
Concen: 30.241 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 1894931
Ion Ratio Lower Upper
202 100
101 14.4 10.2 15.2
100 11.8 8.2 12.2

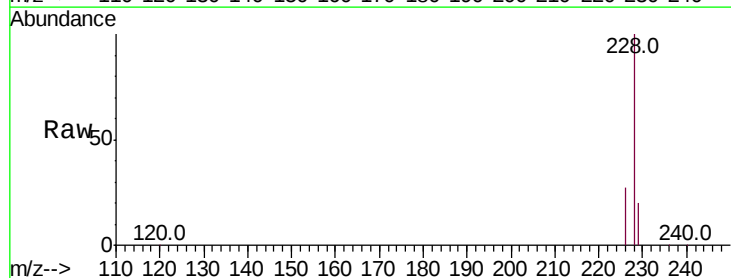


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

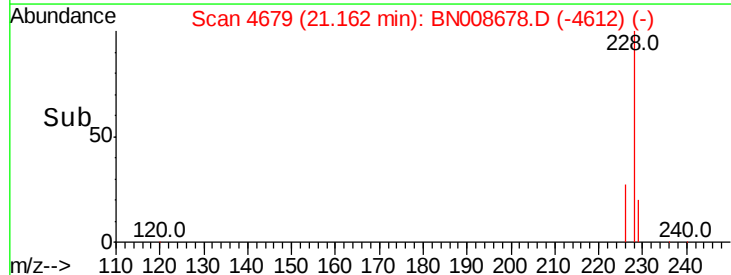
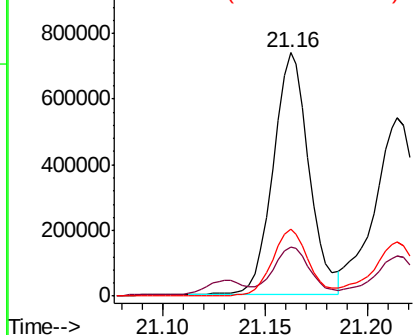


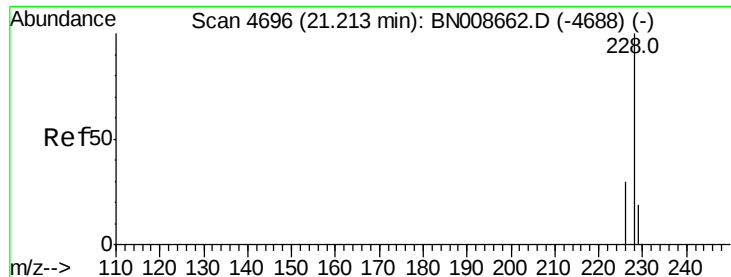
#18
Benzo(a)anthracene
Concen: 14.513 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Tgt Ion:228 Resp: 911596
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 27.4 21.6 32.4



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: 12.366 ng/ul

RT: 21.21 min Scan# 4697

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

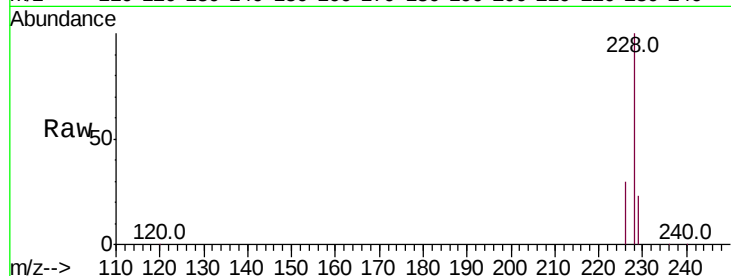
Tot Ion:228 Resp: 762877

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

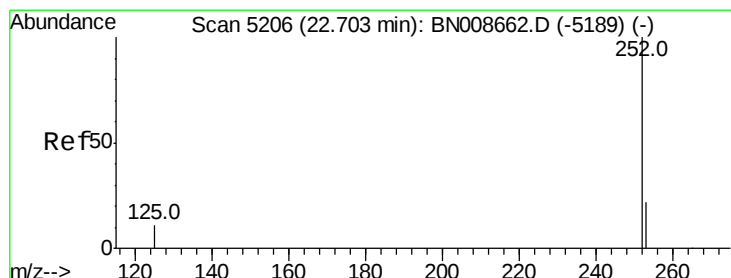
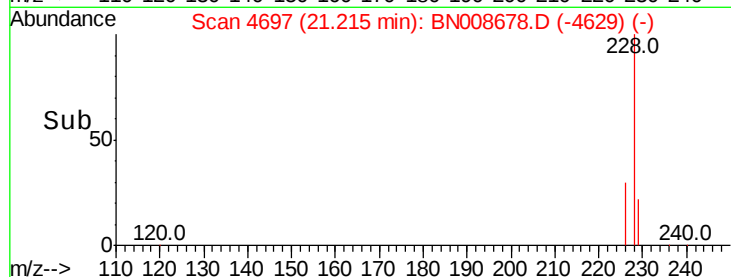
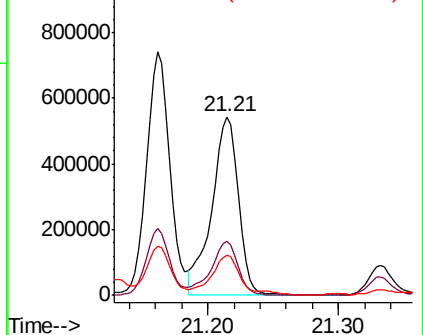
229 22.5 15.5 23.3



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: 16.690 ng/ul

RT: 22.70 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

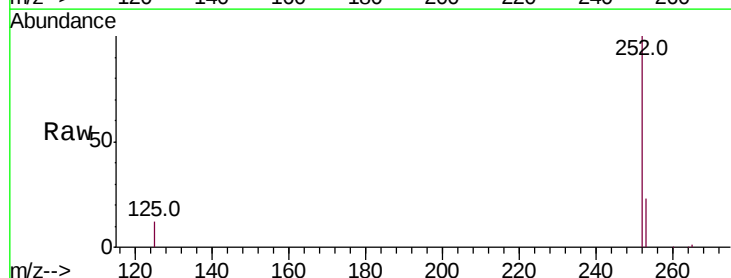
Tgt Ion:252 Resp: 1160871

Ion Ratio Lower Upper

252 100

253 22.6 0.0 50.2

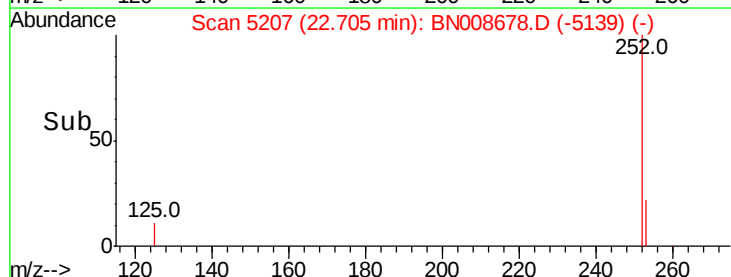
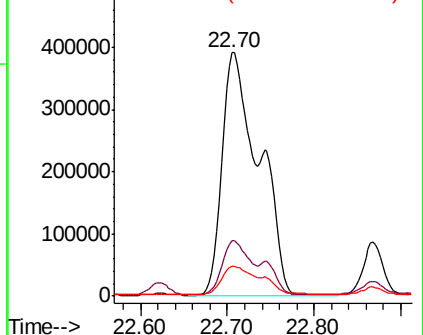
125 12.0 0.0 30.0

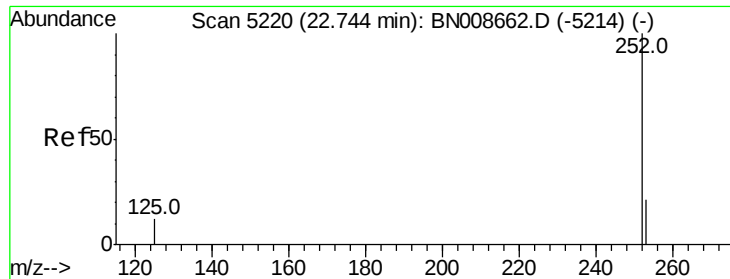


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.004 ng/ul

RT: 22.87 min Scan# 5263

Delta R.T. 0.12 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

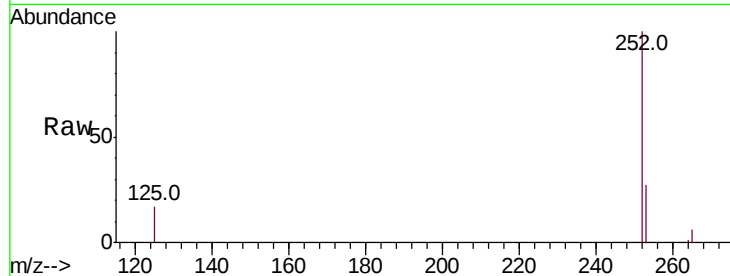
Tot Ion:252 Resp: 138236

Ion Ratio Lower Upper

252 100

253 27.4 20.5 30.7

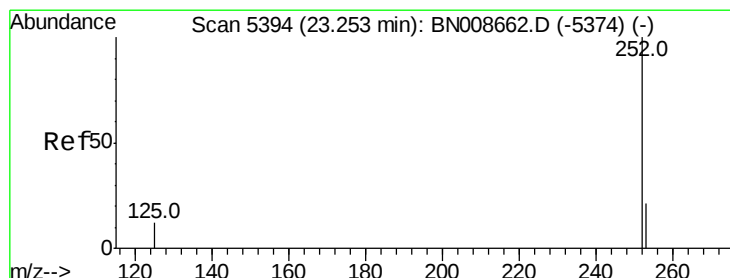
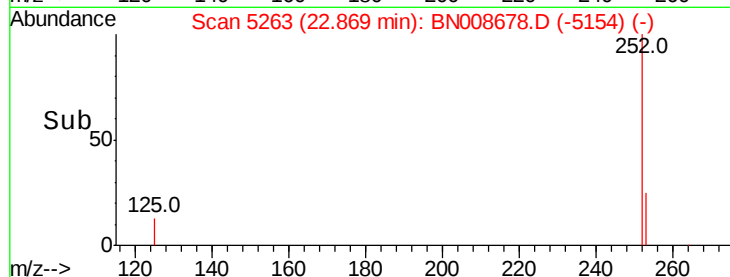
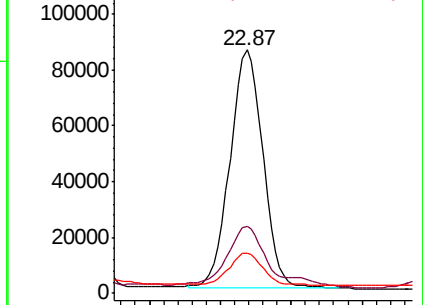
125 16.7 15.0 22.4



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: 9.889 ng/ul

RT: 23.25 min Scan# 5395

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

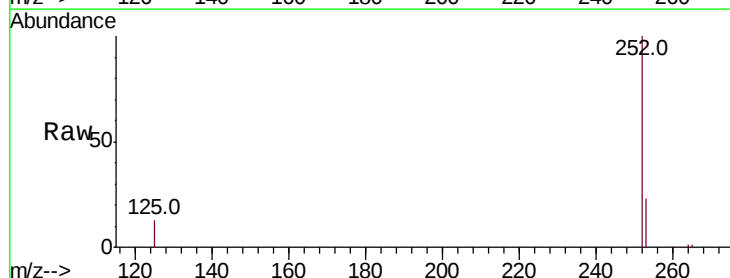
Tgt Ion:252 Resp: 645619

Ion Ratio Lower Upper

252 100

253 22.9 21.4 32.2

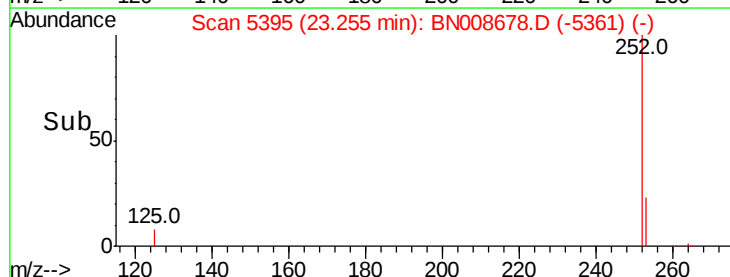
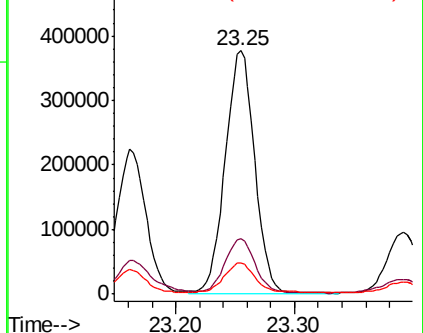
125 12.7 13.8 20.8#

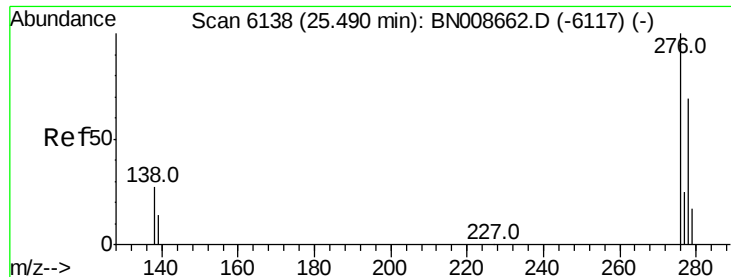


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



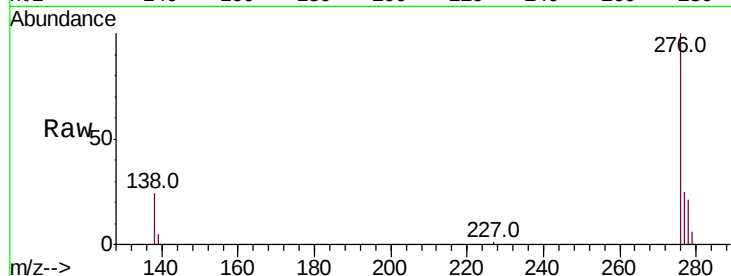


#24

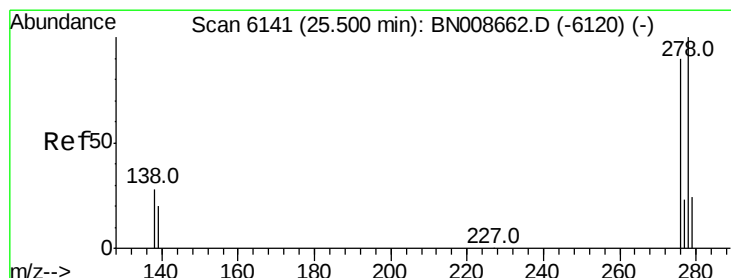
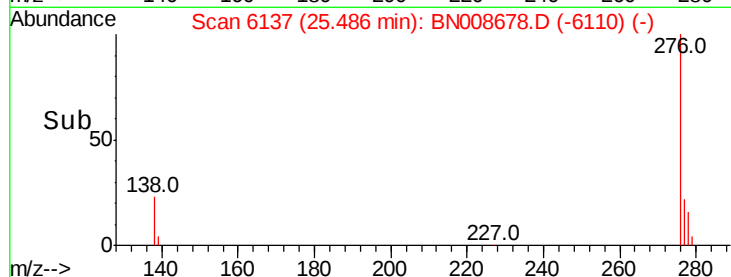
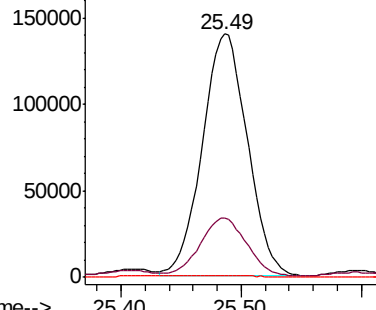
Indeno(1,2,3-cd)pyrene
Concen: 4.758 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 363246
Ion Ratio Lower Upper
276 100
138 24.4 21.7 32.5
227 0.0 0.2 0.2#



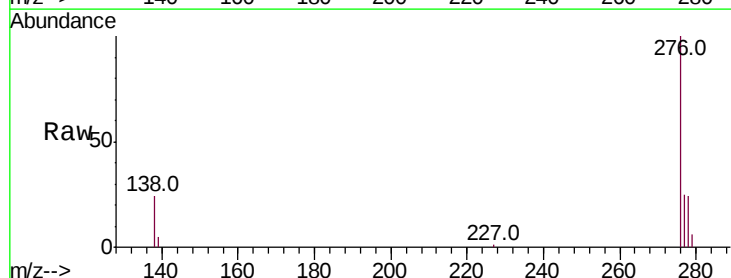
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



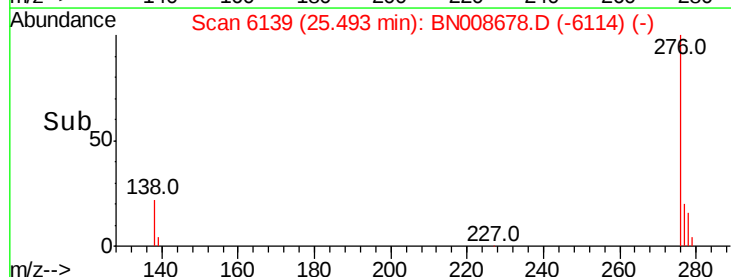
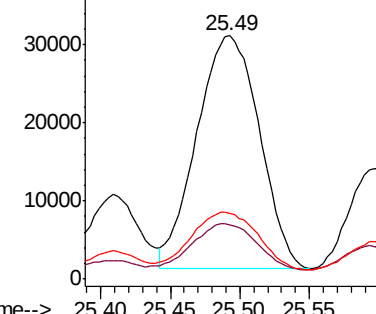
#25

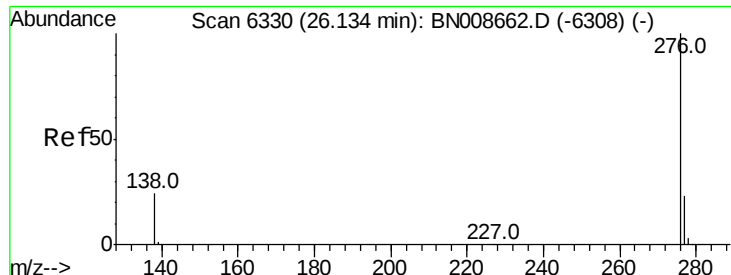
Dibenzo(a,h)anthracene
Concen: 1.511 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.02 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Tgt Ion:278 Resp: 93145
Ion Ratio Lower Upper
278 100
139 22.4 18.7 28.1
279 27.0 20.8 31.2



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: 5.152 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. 0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

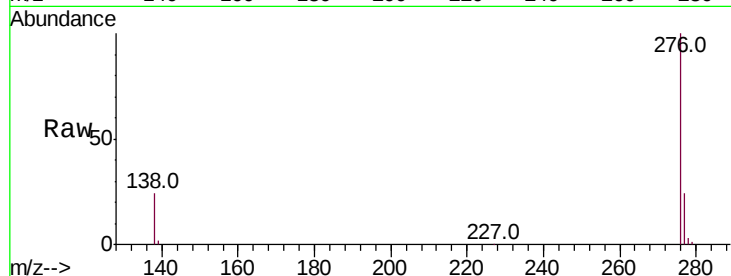
Tot Ion:276 Resp: 329071

Ion Ratio Lower Upper

276 100

138 24.3 20.0 30.0

277 24.3 20.0 30.0



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

