

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008950.D
 Acq On : 12 Dec 2019 17:52
 Operator : JU
 Sample : K6089-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 13 00:50:49 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 Dec 12 00:49:42 2019
 Response via : Initial Calibration

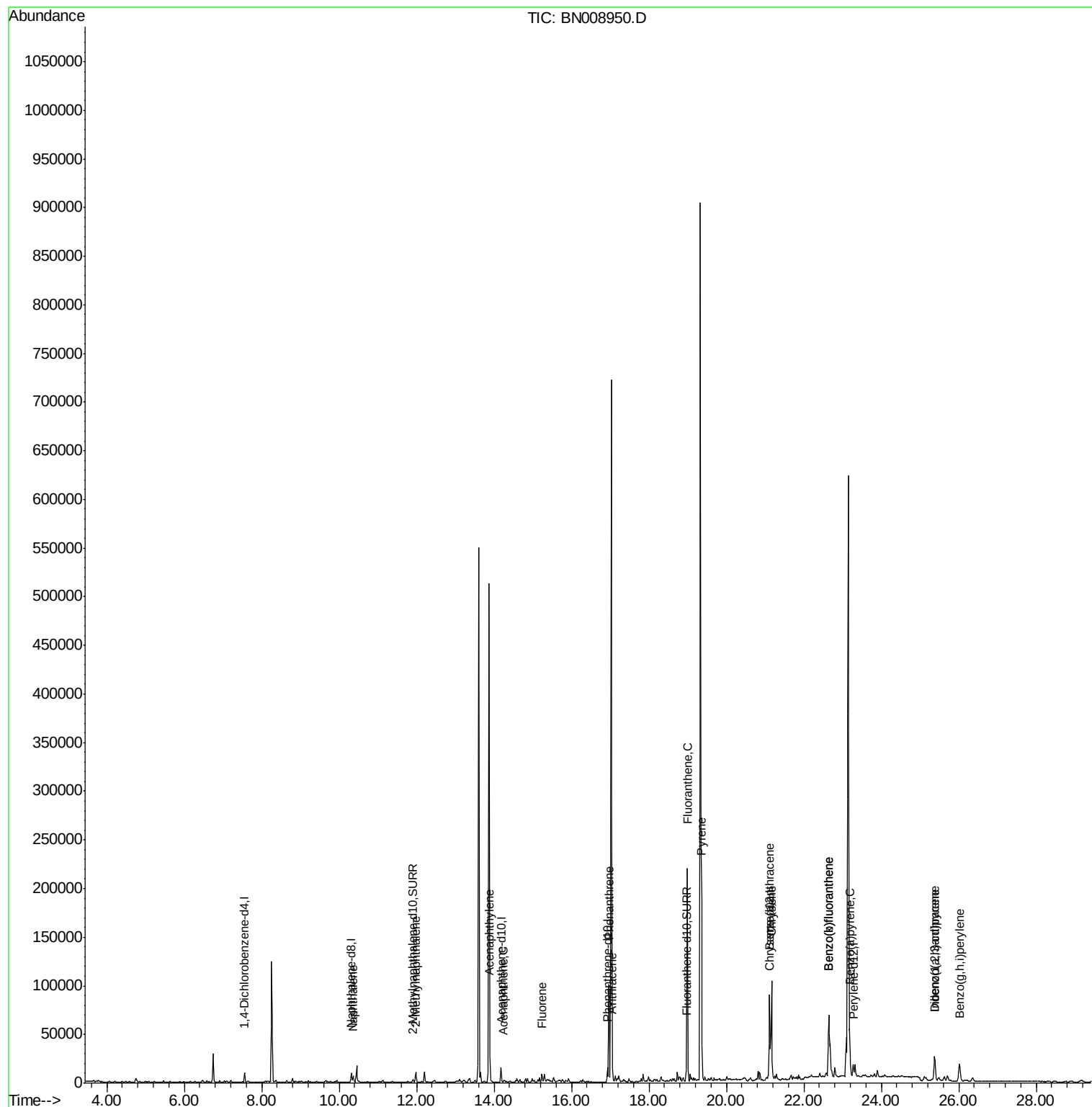
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2600	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11502	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7560	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16925	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14572	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13829	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3896	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	11403	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	8257	0.238	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	7479	0.309	ng/ul	99
7) Acenaphthylene	13.90	152	7642	0.183	ng/ul#	95
8) Acenaphthene	14.25	153	1313	0.042	ng/ul	94
9) Fluorene	15.24	166	3592	0.099	ng/ul#	77
12) Phenanthrene	16.97	178	104557	1.832	ng/ul	99
13) Anthracene	17.06	178	10998	0.204	ng/ul	96
15) Fluoranthene	18.99	202	184374	2.629	ng/ul	99
17) Pyrene	19.36	202	146254	2.502	ng/ul	98
18) Benzo(a)anthracene	21.12	228	66254	1.131	ng/ul#	94
19) Chrysene	21.17	228	98410	1.710	ng/ul#	96
21) Benzo(b)fluoranthene	22.64	252	129833	2.277	ng/ul	98
22) Benzo(k)fluoranthene	22.64	252	129833	2.296	ng/ul	96
23) Benzo(a)pyrene	23.19	252	57444	1.073	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.38	276	36022	0.575	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.39	278	9850	0.195	ng/ul#	78
26) Benzo(a,h,i)perylene	26.02	276	35159	0.671	ng/ul	98

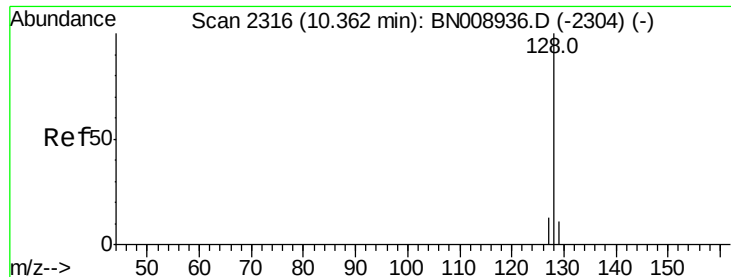
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008950.D
Acq On : 12 Dec 2019 17:52
Operator : JU
Sample : K6089-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 13 00:50:49 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 Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.238 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

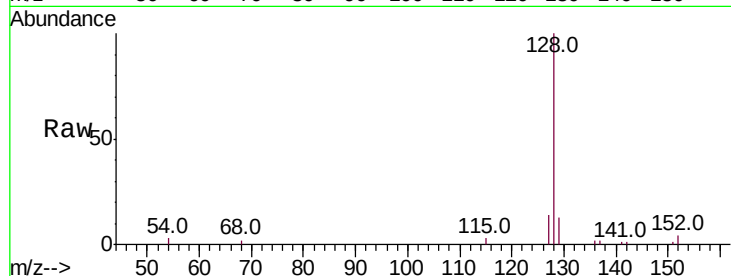
Tot Ion:128 Resp: 8257

Ion Ratio Lower Upper

128 100

129 12.6 9.1 13.7

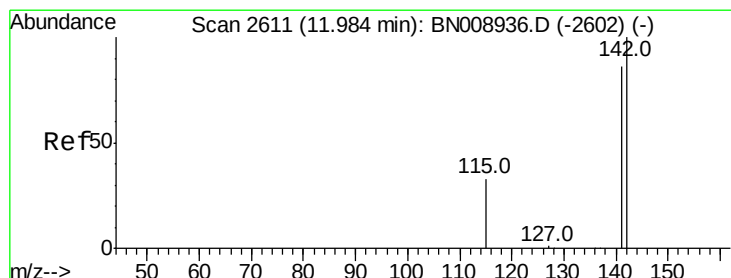
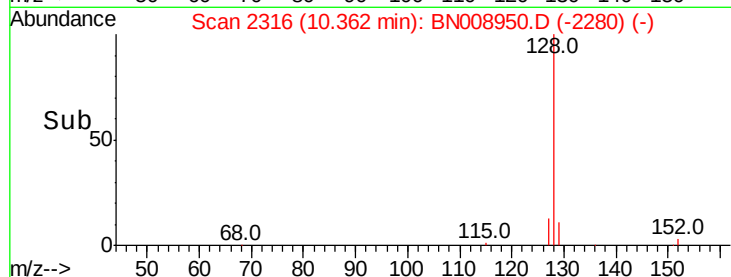
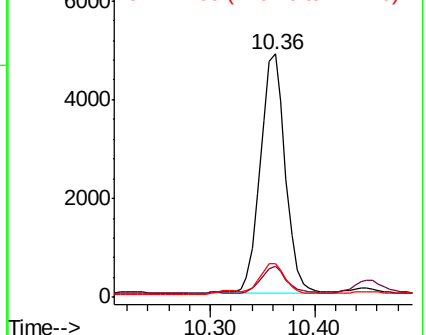
127 13.8 10.7 16.1



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: 0.309 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008950.D

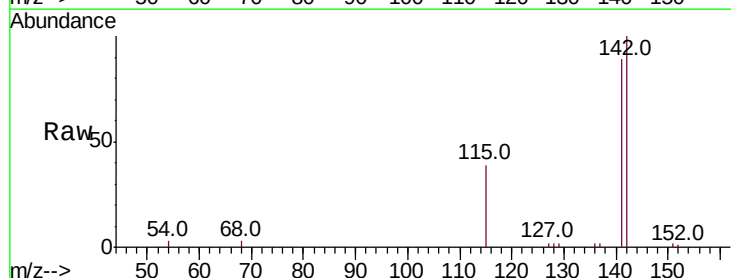
Acq: 12 Dec 2019 17:52

Tgt Ion:142 Resp: 7479

Ion Ratio Lower Upper

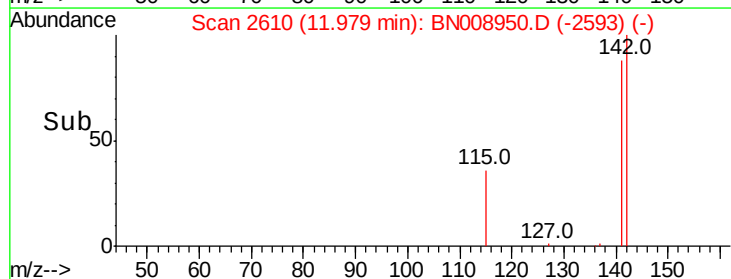
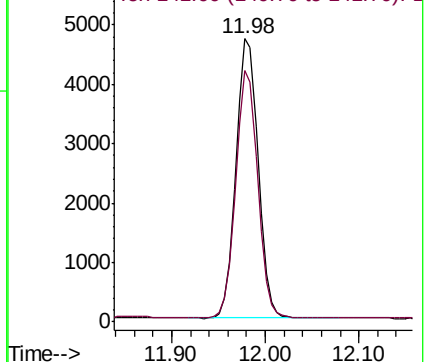
142 100

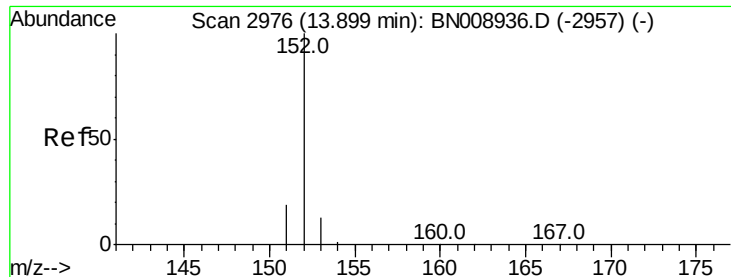
141 88.1 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.183 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

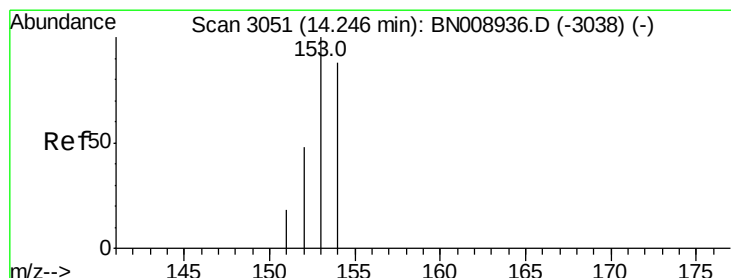
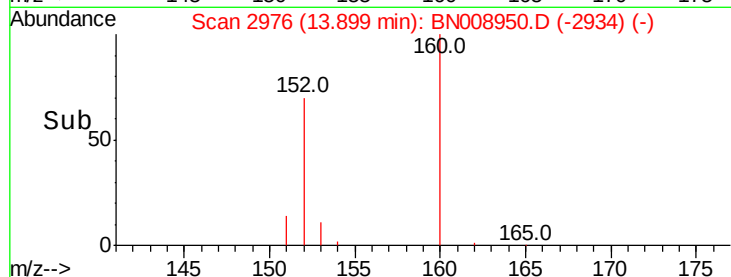
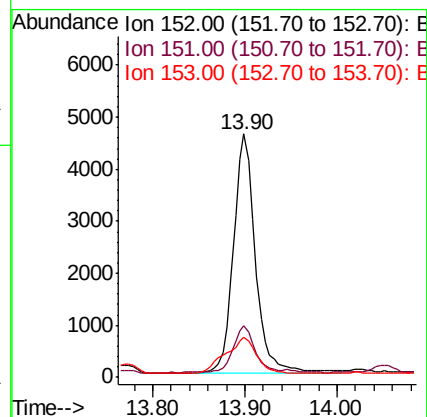
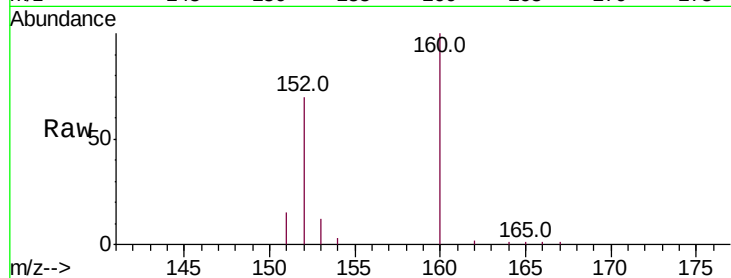
Tot Ion:152 Resp: 7642

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.6

153 16.4 10.6 15.8#



#8

Acenaphthene

Concen: 0.042 ng/ul

RT: 14.25 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

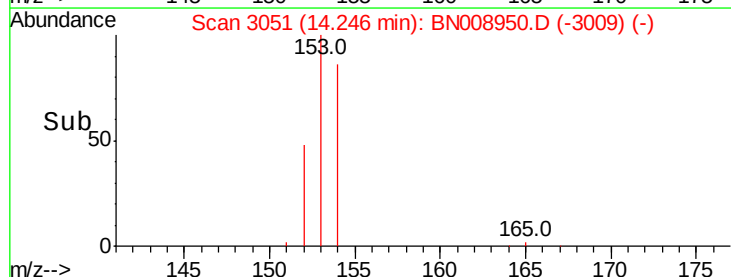
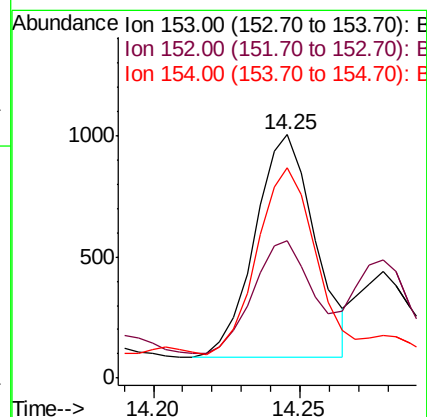
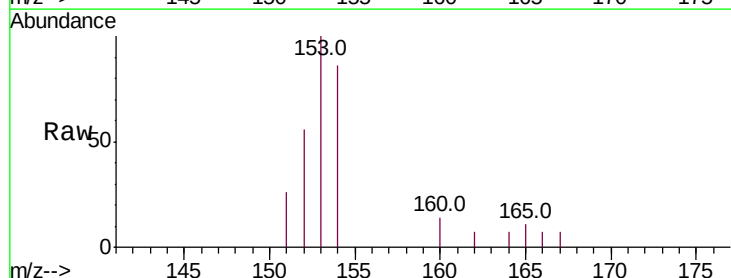
Tgt Ion:153 Resp: 1313

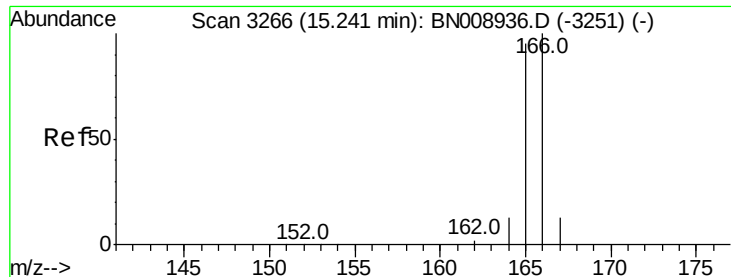
Ion Ratio Lower Upper

153 100

152 56.4 38.6 58.0

154 86.3 70.6 105.8





#9

Fluorene

Concen: 0.099 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

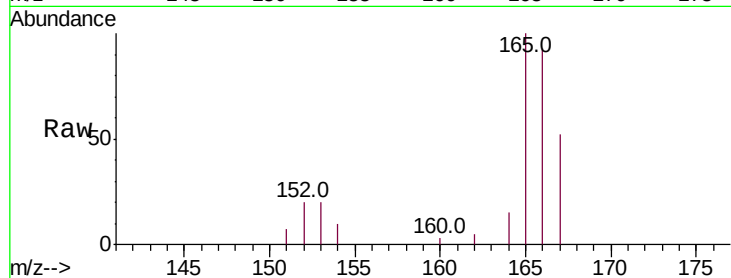
Tot Ion:166 Resp: 3592

Ion Ratio Lower Upper

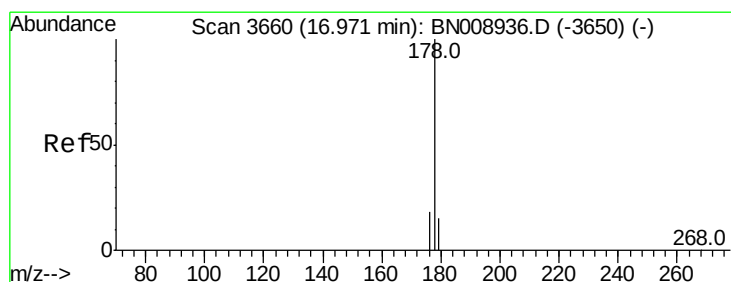
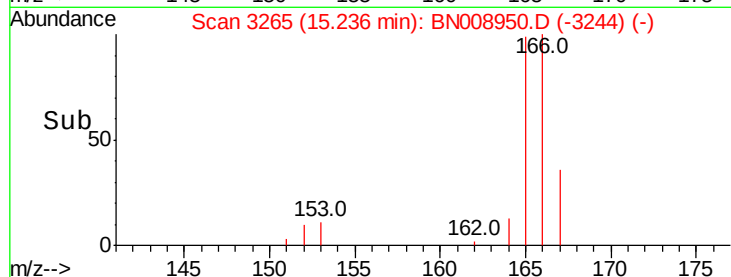
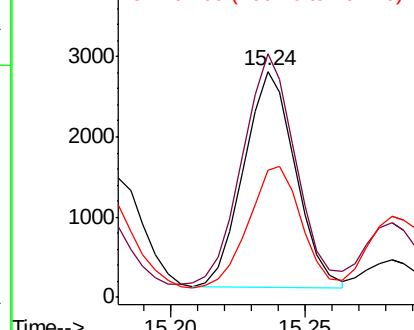
166 100

165 107.8 77.7 116.5

167 56.3 11.1 16.7#



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: 1.832 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

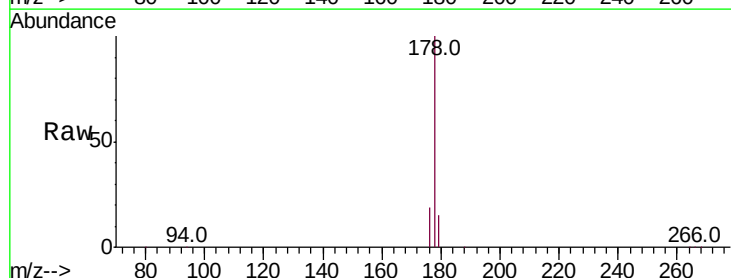
Tgt Ion:178 Resp: 104557

Ion Ratio Lower Upper

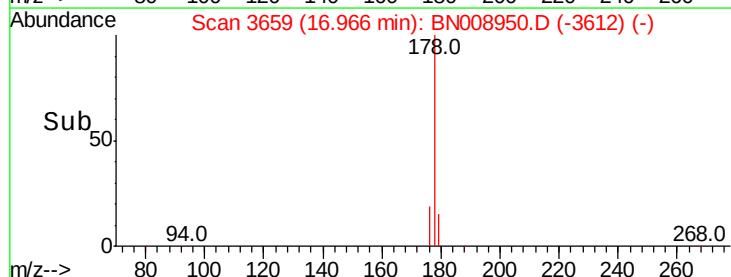
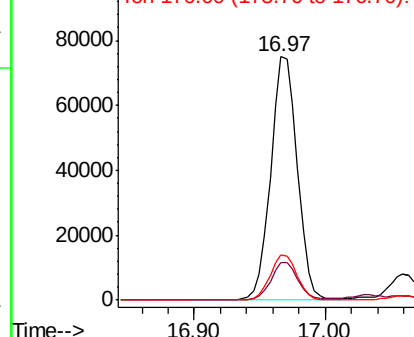
178 100

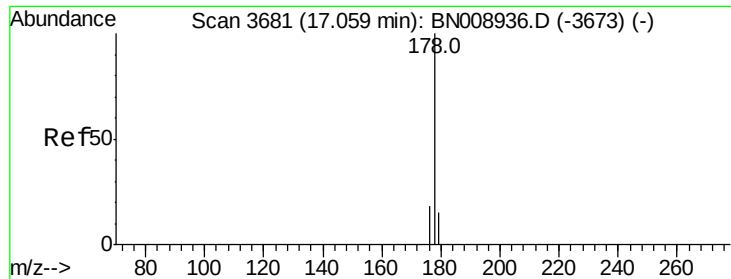
179 15.3 12.6 18.8

176 18.8 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: 0.204 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

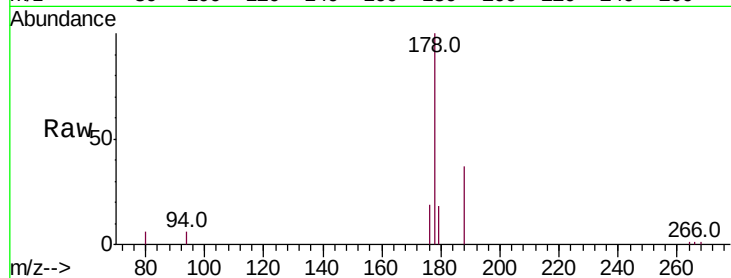
Tot Ion:178 Resp: 10998

Ion Ratio Lower Upper

178 100

179 18.1 12.2 18.4

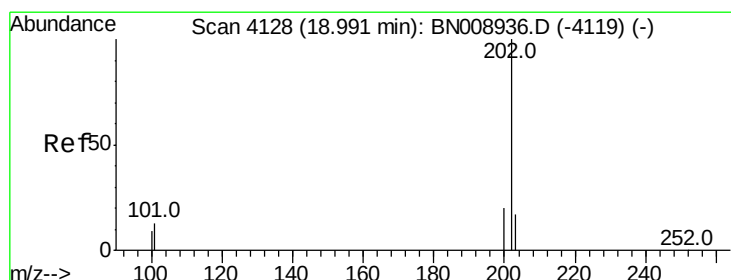
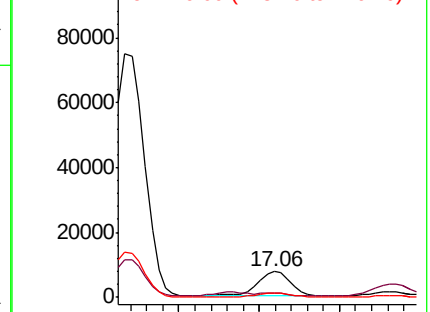
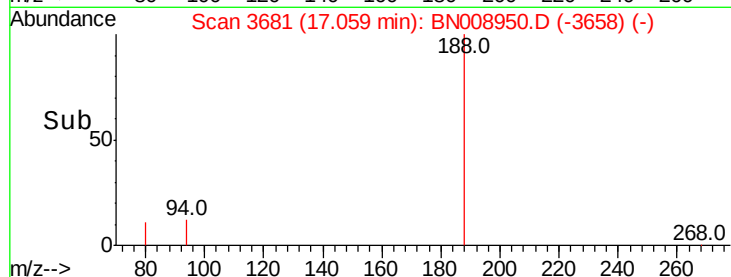
176 19.0 14.7 22.1



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: 2.629 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

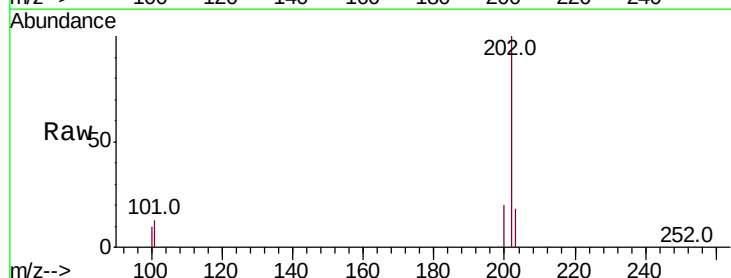
Tgt Ion:202 Resp: 184374

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.4

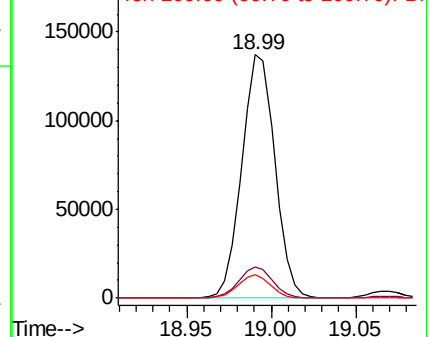
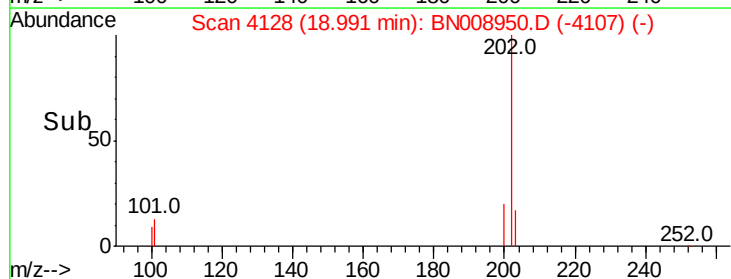
100 9.6 0.0 29.2

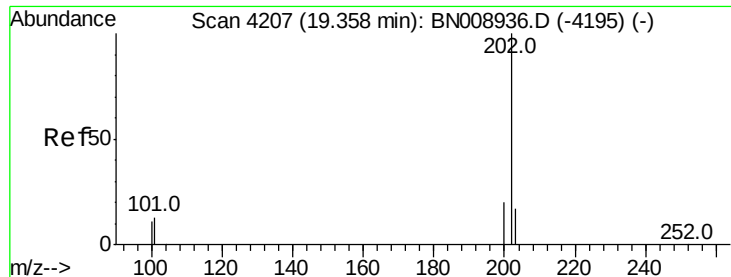


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 2.502 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampled :

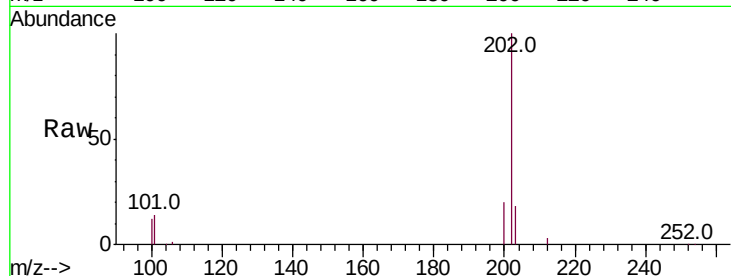
Tot Ion:202 Resp: 146254

Ion Ratio Lower Upper

202 100

101 14.2 12.2 18.4

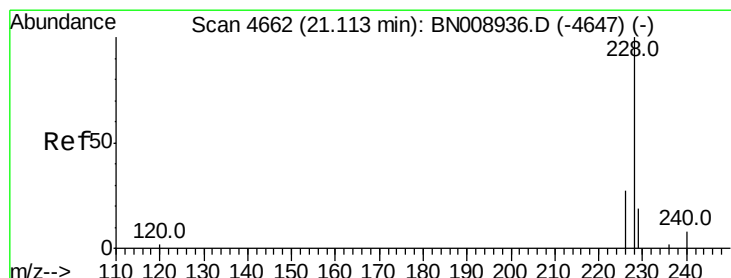
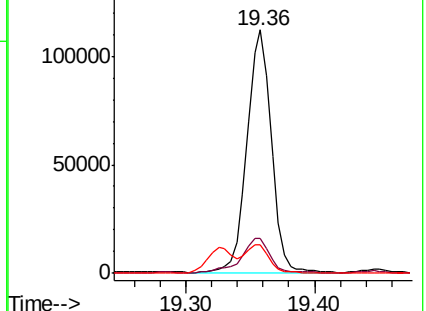
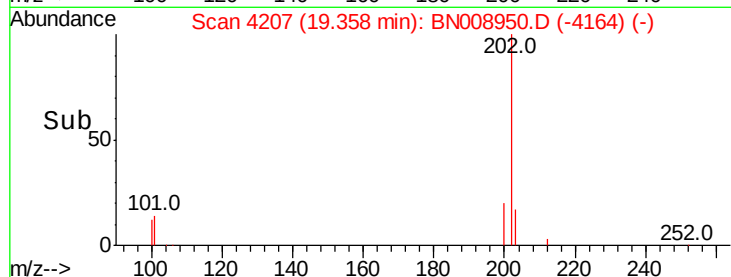
100 11.6 9.5 14.3



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: 1.131 ng/ul

RT: 21.12 min Scan# 4663

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

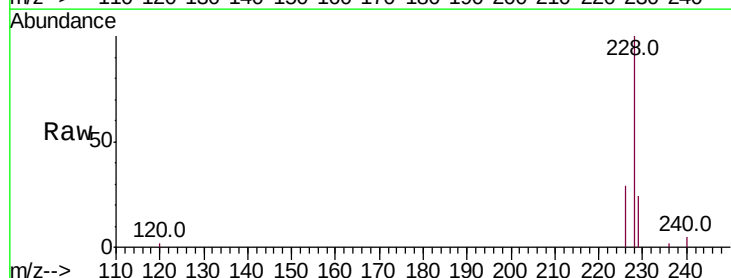
Tgt Ion:228 Resp: 66254

Ion Ratio Lower Upper

228 100

229 24.1 15.7 23.5#

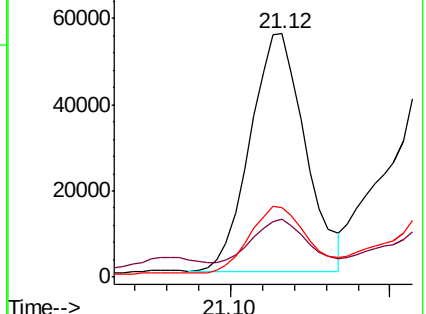
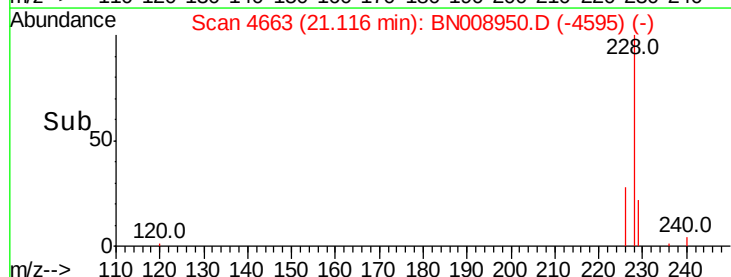
226 28.5 21.5 32.3

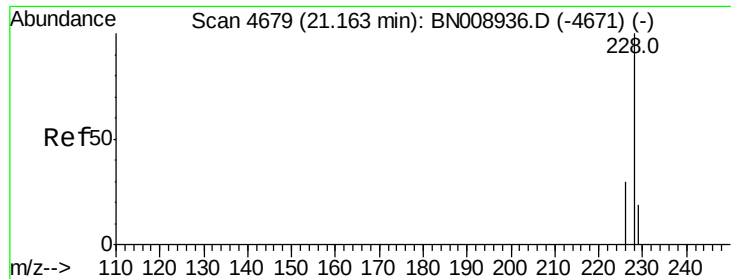


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.710 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

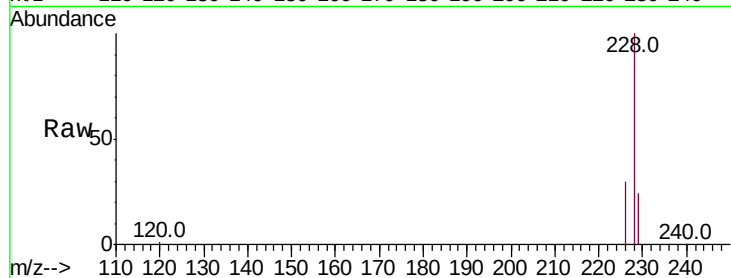
Tot Ion:228 Resp: 98410

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

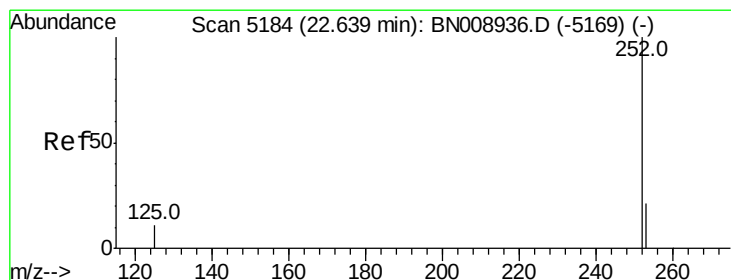
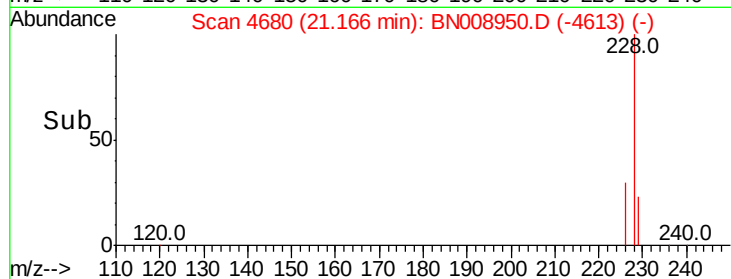
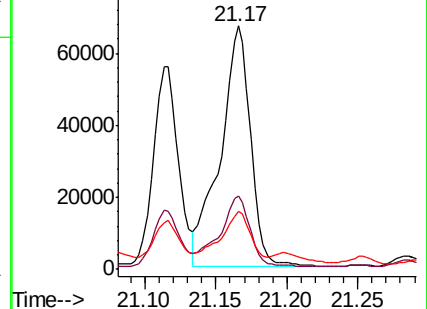
229 23.6 15.6 23.4#



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: 2.277 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

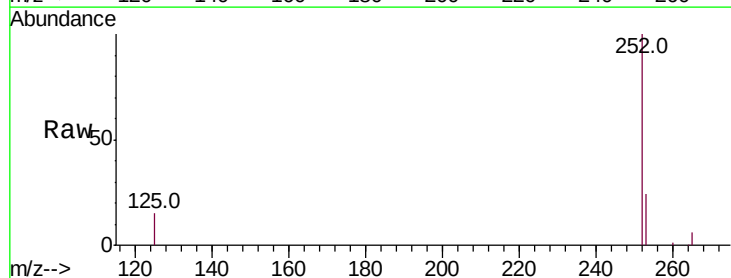
Tgt Ion:252 Resp: 129833

Ion Ratio Lower Upper

252 100

253 23.7 0.0 48.6

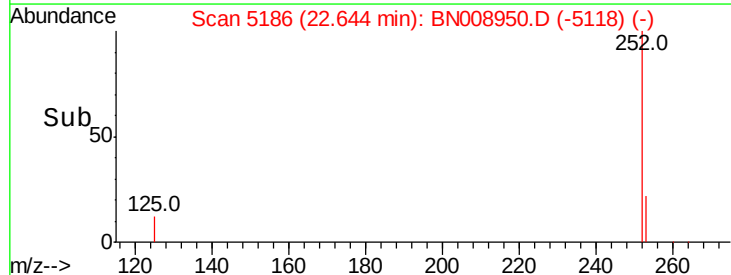
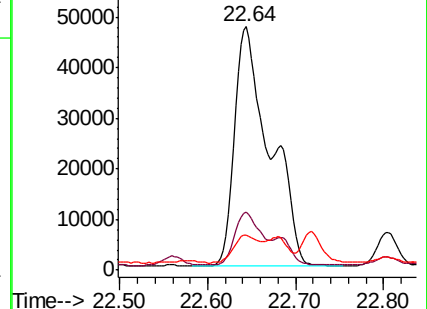
125 14.6 0.0 31.6

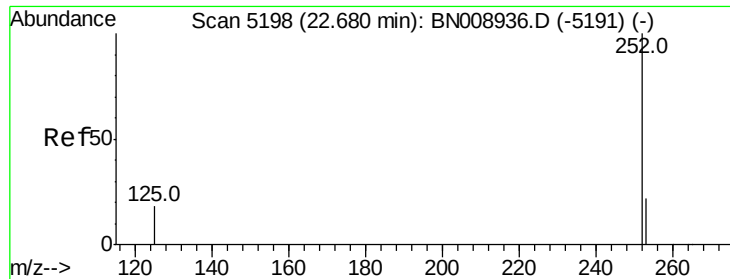


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.296 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. -0.04 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

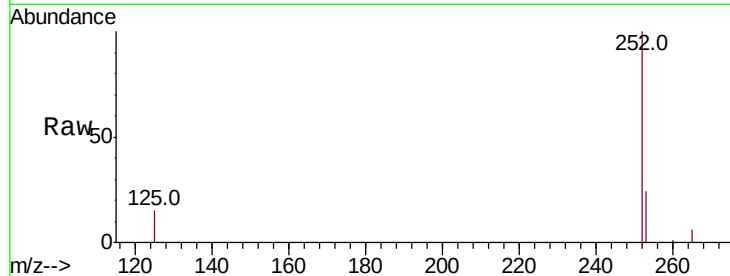
Tot Ion:252 Resp: 129833

Ion Ratio Lower Upper

252 100

253 23.7 19.6 29.4

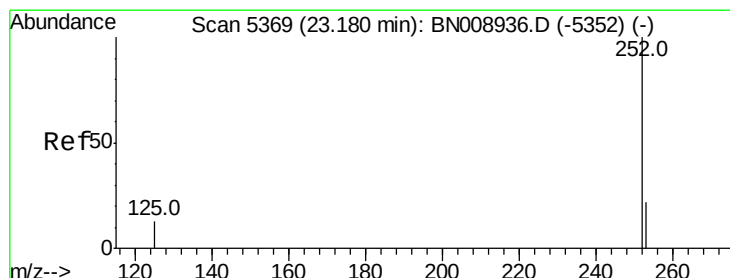
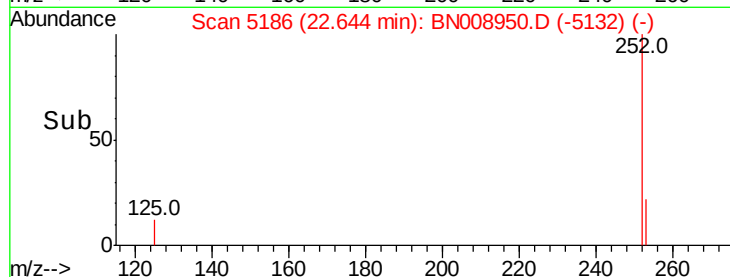
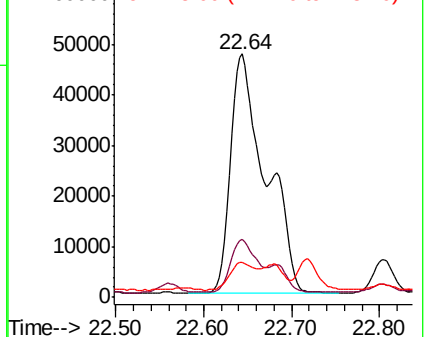
125 14.6 13.8 20.6



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: 1.073 ng/ul

RT: 23.19 min Scan# 5371

Delta R.T. -0.00 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

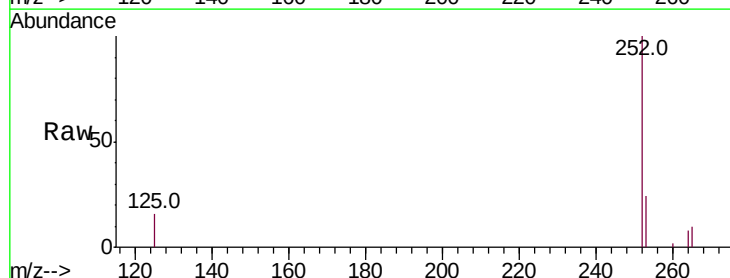
Tgt Ion:252 Resp: 57444

Ion Ratio Lower Upper

252 100

253 24.5 19.9 29.9

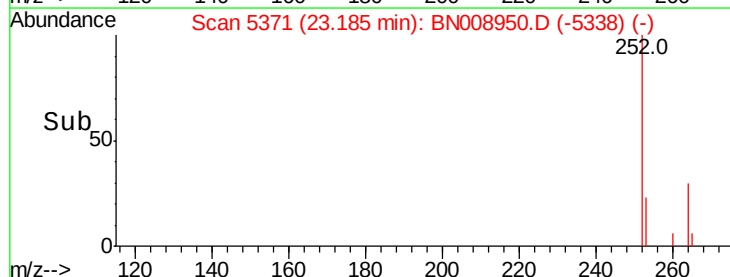
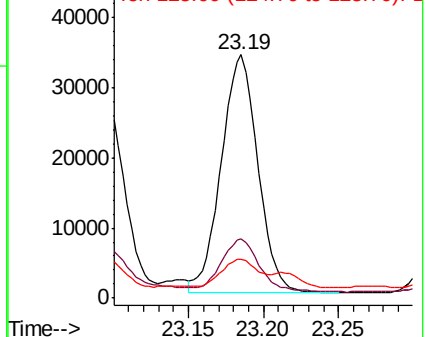
125 15.9 14.6 22.0

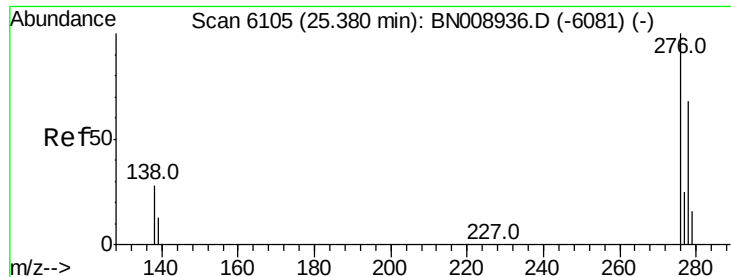


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



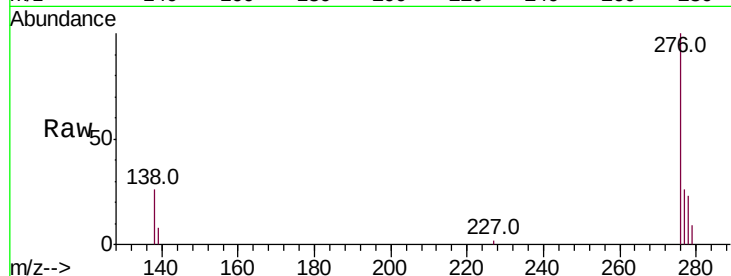


#24

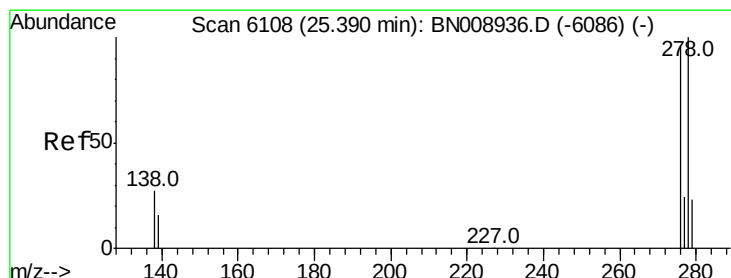
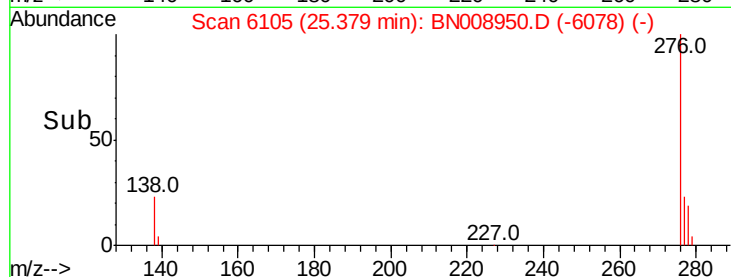
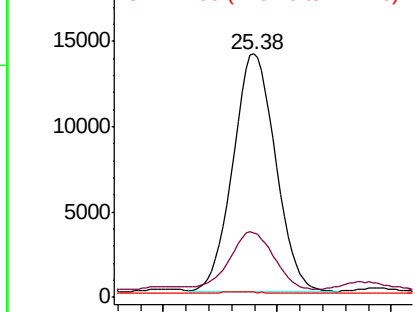
Indeno(1,2,3-cd)pyrene
Concen: 0.575 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008950.D
Acq: 12 Dec 2019 17:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 36022
Ion Ratio Lower Upper
276 100
138 25.0 23.8 35.6
227 0.9 0.2 0.2#



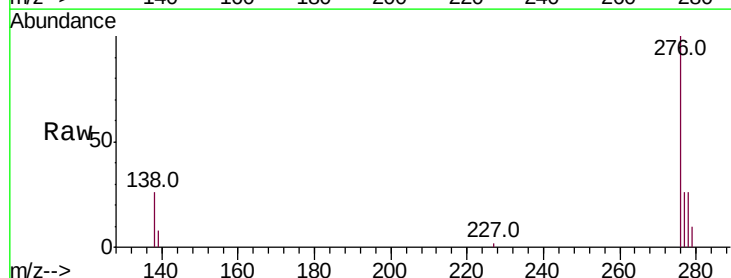
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



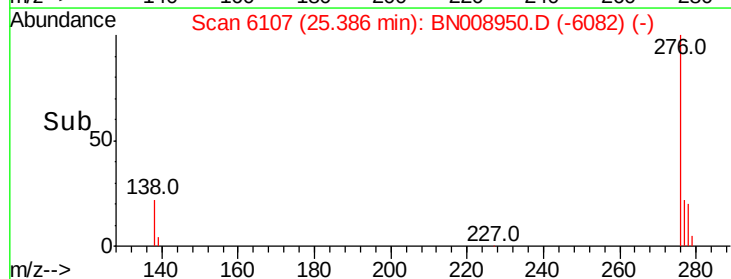
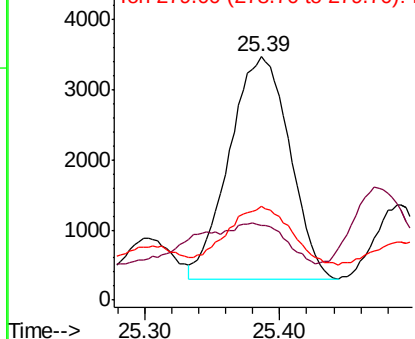
#25

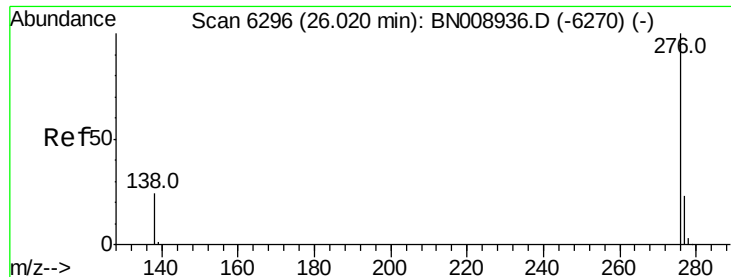
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008950.D
Acq: 12 Dec 2019 17:52

Tgt Ion:278 Resp: 9850
Ion Ratio Lower Upper
278 100
139 30.6 17.4 26.0#
279 38.5 20.5 30.7#



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: 0.671 ng/ul

RT: 26.02 min Scan# 6297

Delta R.T. -0.01 min

Lab File: BN008950.D

Acq: 12 Dec 2019 17:52

Instrument :

BNA_N

ClientSampleId :

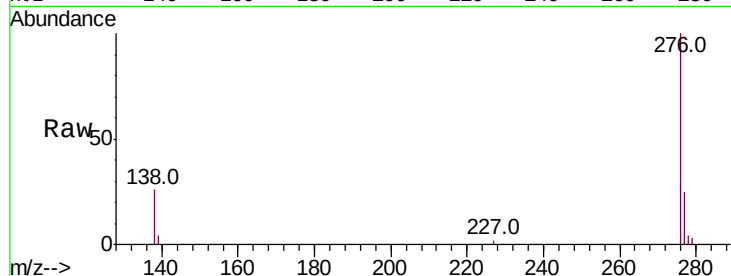
Tot Ion:276 Resp: 35159

Ion Ratio Lower Upper

276 100

138 26.1 21.9 32.9

277 25.4 19.9 29.9



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

