

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009054.D
 Acq On : 20 Dec 2019 06:10
 Operator : JU
 Sample : K6171-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 07:05:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

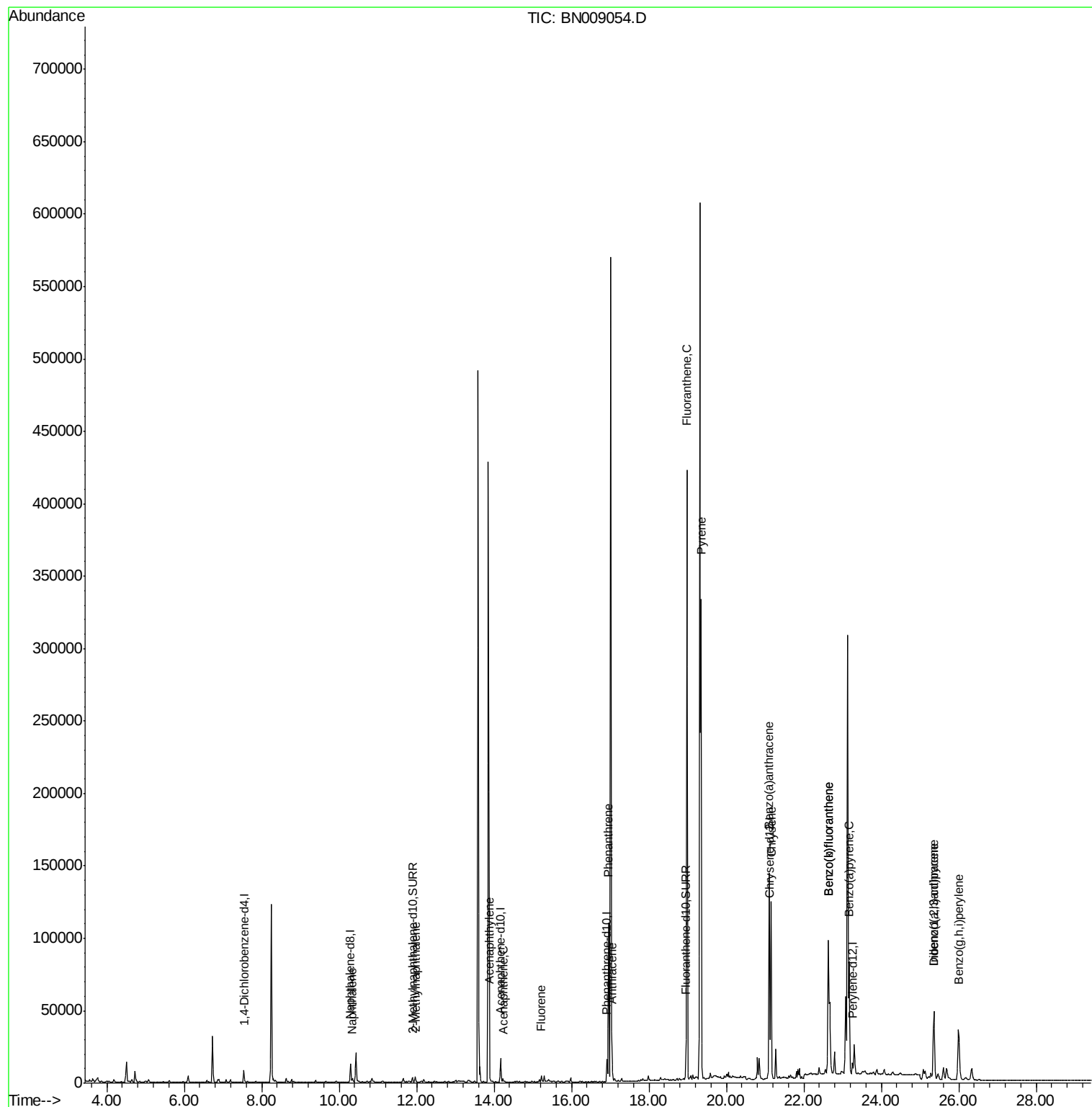
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15416	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8598	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	17191	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8883	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8545	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3688	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	7687	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	2898	0.062	ng/ul#	94
5) 2-Methylnaphthalene	11.96	142	2692	0.076	ng/ul	99
7) Acenaphthylene	13.89	152	3304	0.073	ng/ul#	77
8) Acenaphthene	14.23	153	1393	0.039	ng/ul	99
9) Fluorene	15.22	166	2525	0.060	ng/ul#	96
12) Phenanthrene	16.95	178	111164	1.860	ng/ul	100
13) Anthracene	17.05	178	19015	0.355	ng/ul	99
15) Fluoranthene	18.98	202	348508	5.097	ng/ul	98
17) Pyrene	19.34	202	266447	5.879	ng/ul	100
18) Benzo(a)anthracene	21.10	228	114655	2.907	ng/ul	98
19) Chrysene	21.15	228	117482	2.964	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	189812	4.757	ng/ul	97
22) Benzo(k)fluoranthene	22.63	252	189812	4.718	ng/ul	97
23) Benzo(a)pyrene	23.17	252	93019	2.660	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.36	276	67122	1.763	ng/ul	91
25) Dibenzo(a,h)anthracene	25.36	278	15567	0.514	ng/ul#	89
26) Benzo(a,h,i)perylene	26.00	276	65089	2.029	ng/ul	99

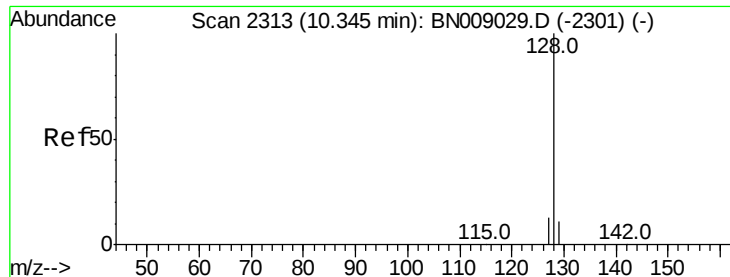
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009054.D
Acq On : 20 Dec 2019 06:10
Operator : JU
Sample : K6171-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 07:05:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

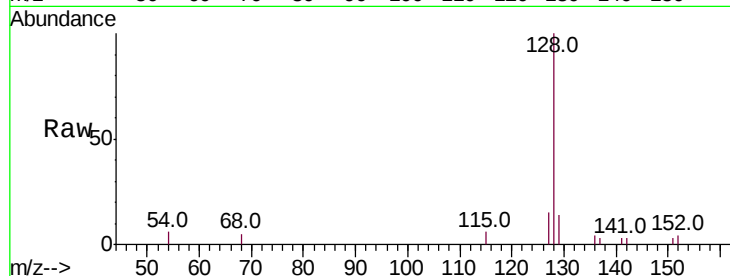
Tot Ion:128 Resp: 2898

Ion Ratio Lower Upper

128 100

129 14.1 9.0 13.4#

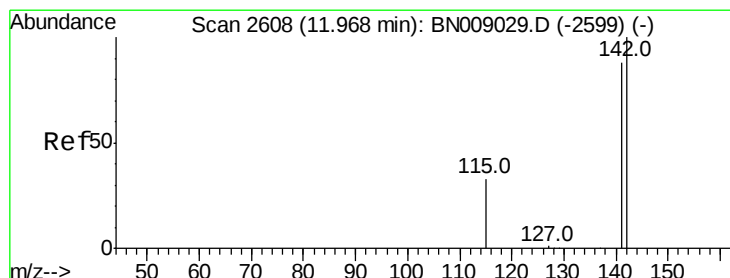
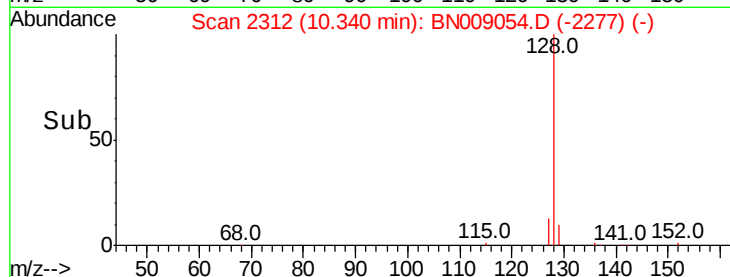
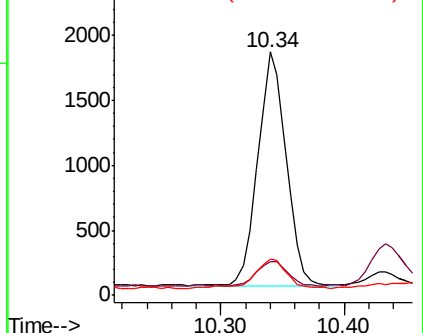
127 15.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2500 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.076 ng/ul

RT: 11.96 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN009054.D

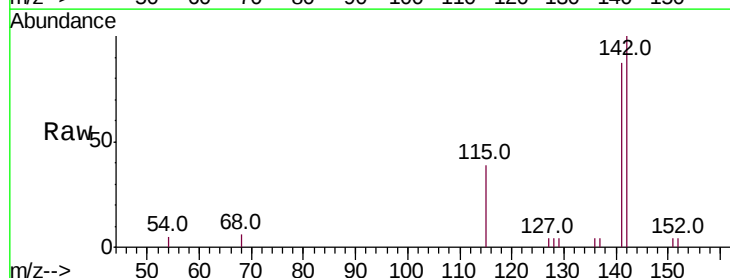
Acq: 20 Dec 2019 06:10

Tgt Ion:142 Resp: 2692

Ion Ratio Lower Upper

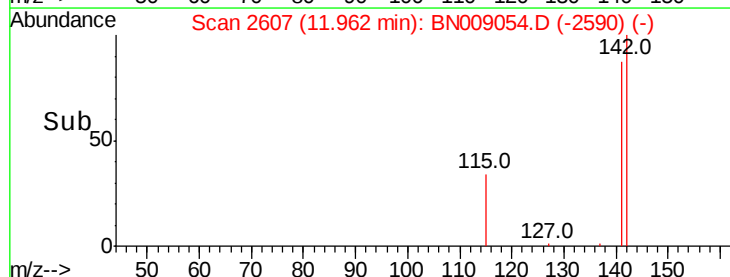
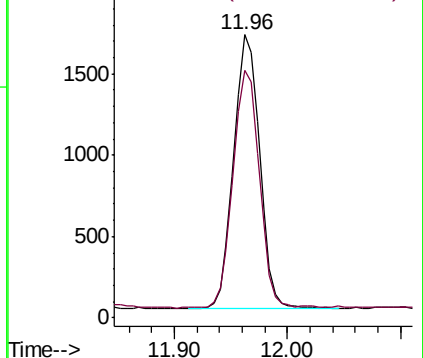
142 100

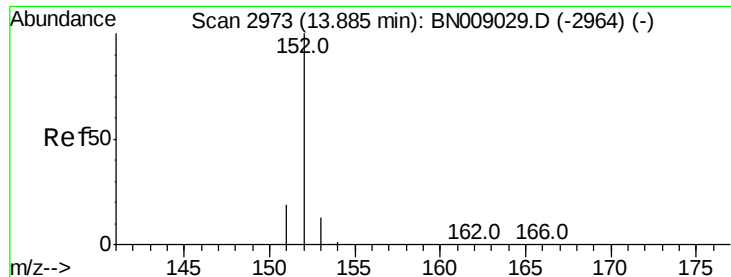
141 88.6 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

2000 Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.073 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

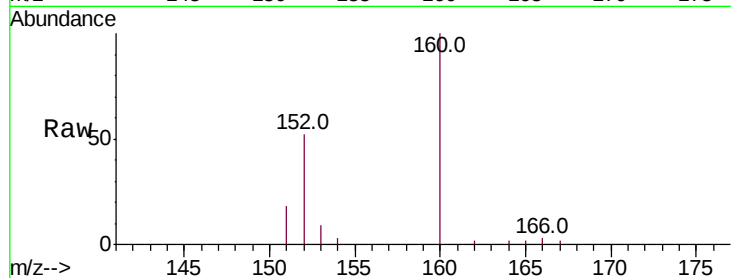
Tot Ion:152 Resp: 3304

Ion Ratio Lower Upper

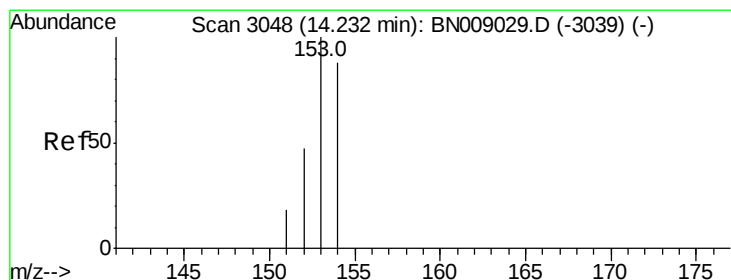
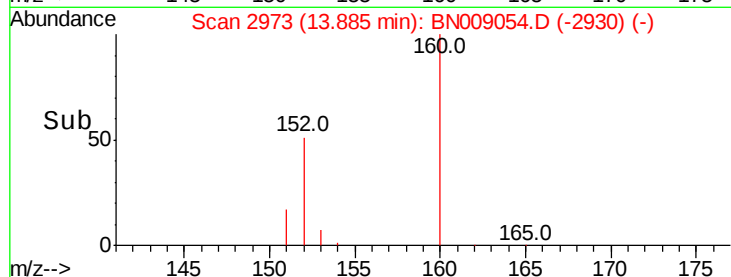
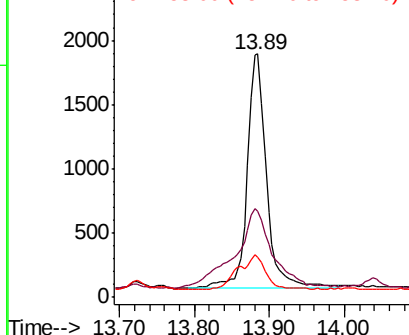
152 100

151 35.2 15.7 23.5#

153 16.6 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: 0.039 ng/ul

RT: 14.23 min Scan# 3047

Delta R.T. -0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

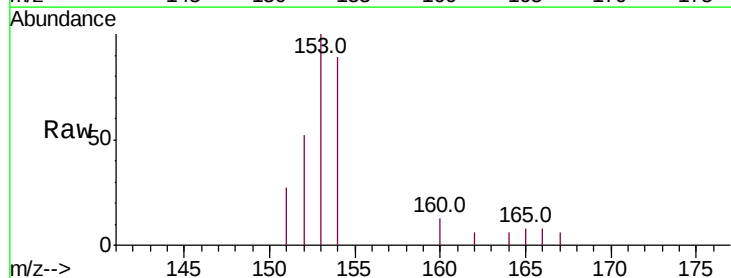
Tgt Ion:153 Resp: 1393

Ion Ratio Lower Upper

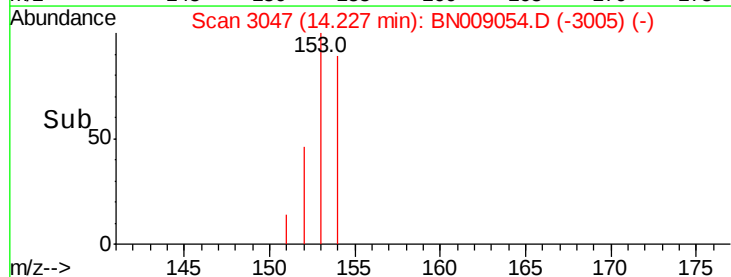
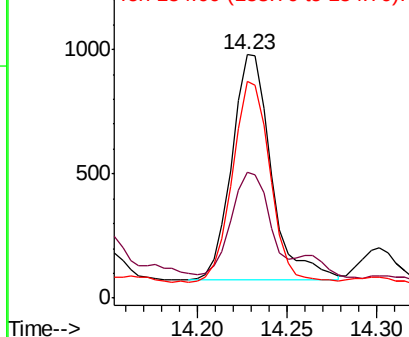
153 100

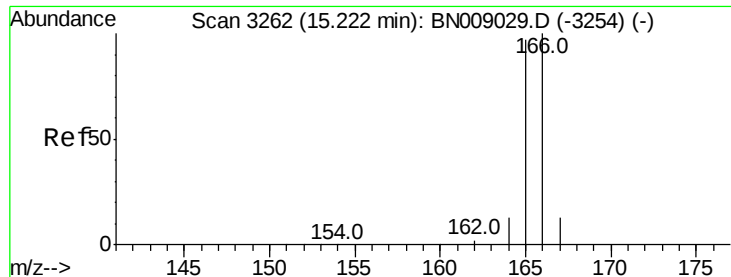
152 51.8 39.5 59.3

154 89.1 71.3 106.9



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: 0.060 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

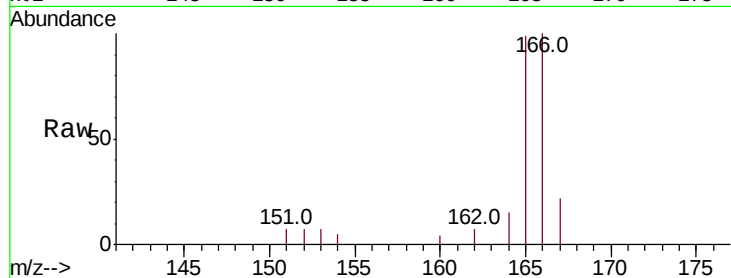
Tot Ion:166 Resp: 2525

Ion Ratio Lower Upper

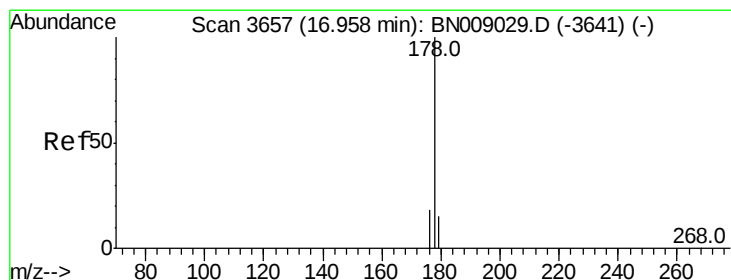
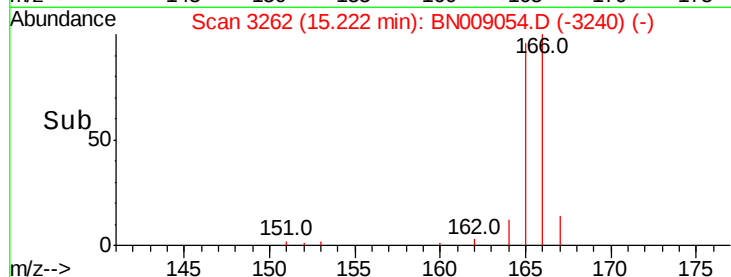
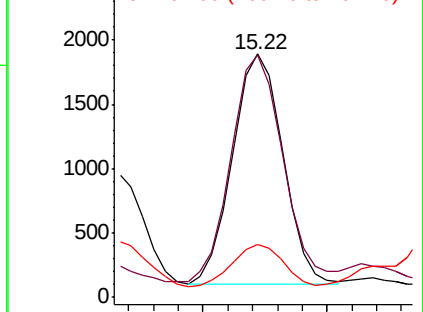
166 100

165 99.4 78.2 117.4

167 21.7 11.0 16.6#



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: 1.860 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

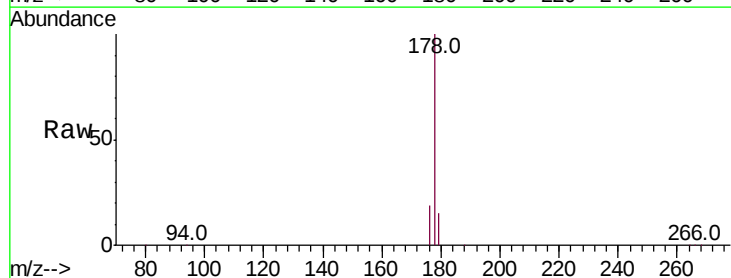
Tgt Ion:178 Resp: 111164

Ion Ratio Lower Upper

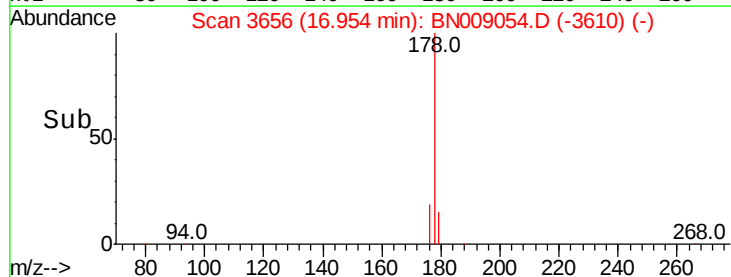
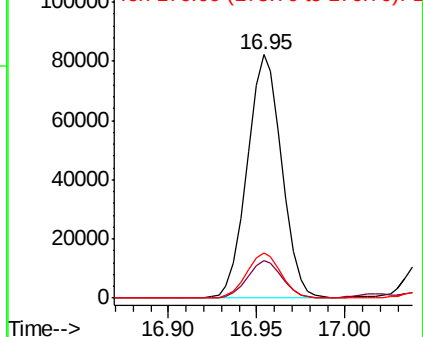
178 100

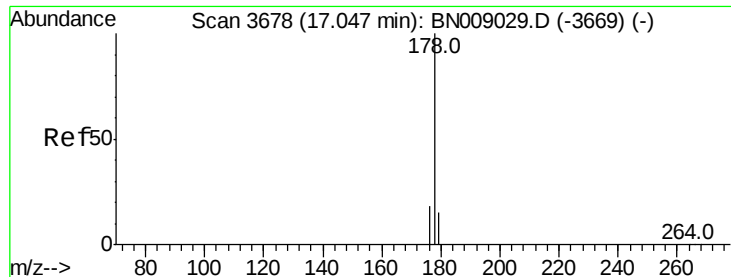
179 15.4 12.3 18.5

176 18.8 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





#13

Anthracene

Concen: 0.355 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

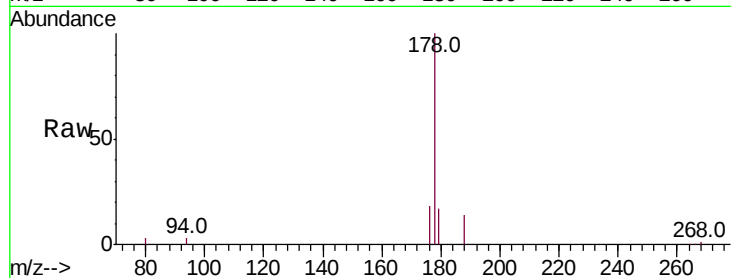
Tot Ion:178 Resp: 19015

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

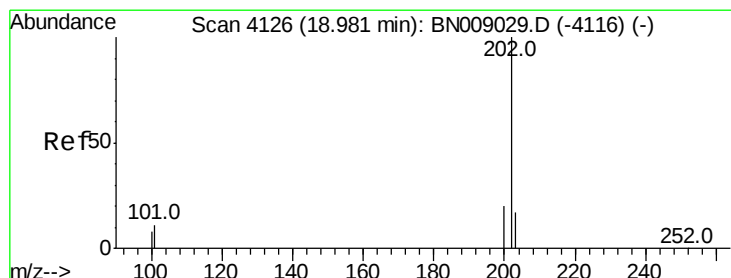
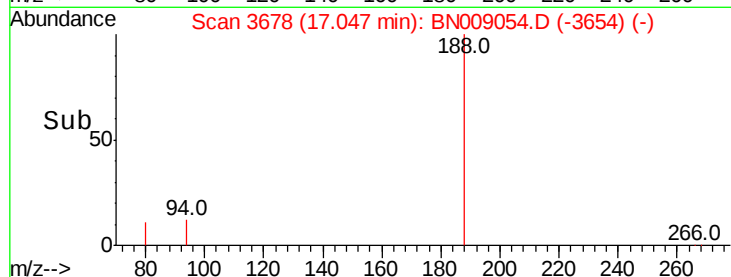
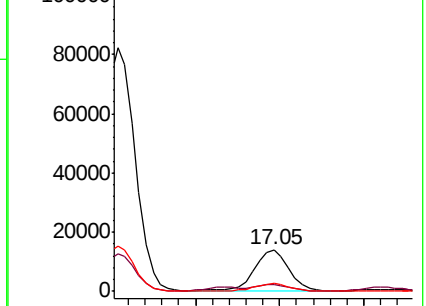
176 18.2 14.9 22.3



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: 5.097 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

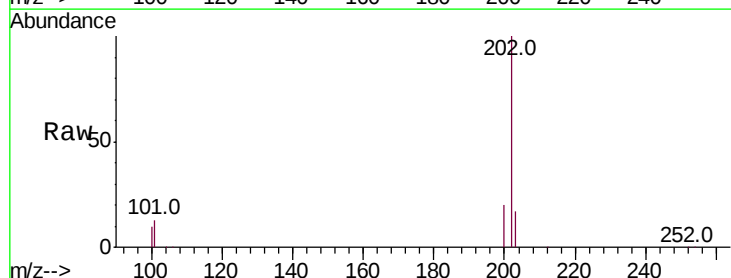
Tgt Ion:202 Resp: 348508

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

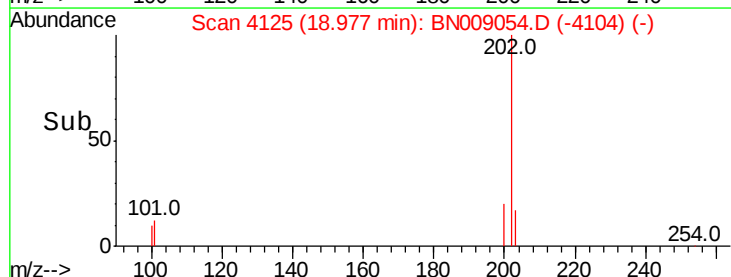
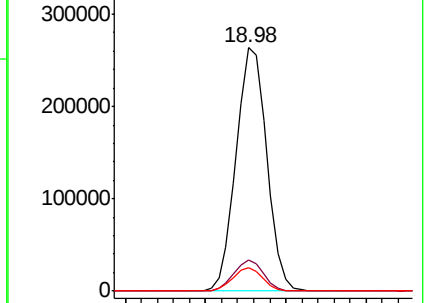
100 9.6 0.0 28.9

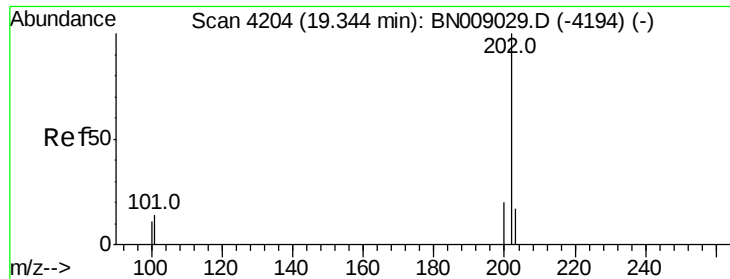


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 5.879 ng/ul

RT: 19.34 min Scan# 4204

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

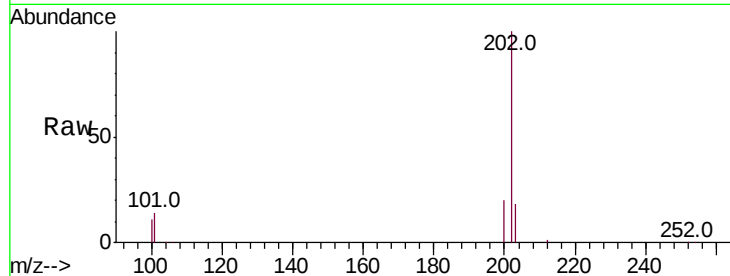
Tot Ion:202 Resp: 266447

Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

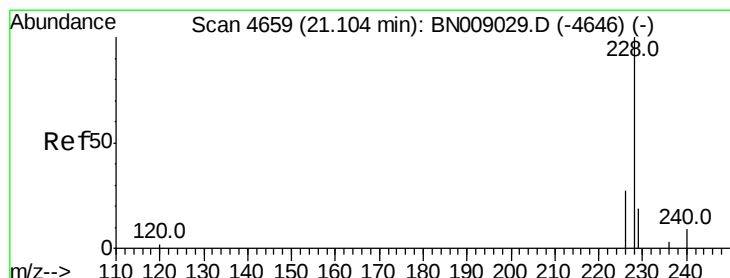
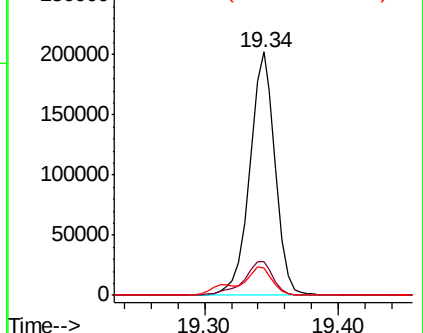
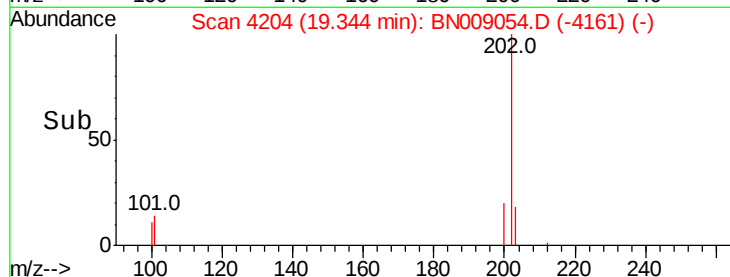
100 11.3 9.0 13.6



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: 2.907 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

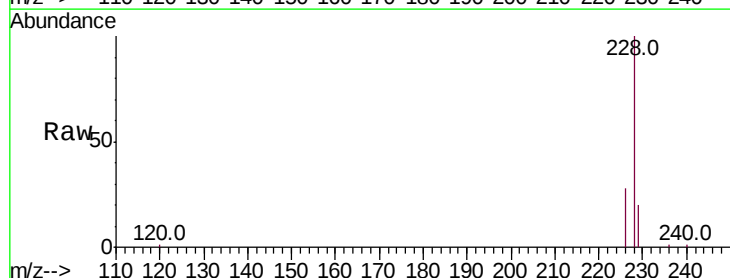
Tgt Ion:228 Resp: 114655

Ion Ratio Lower Upper

228 100

229 20.3 15.5 23.3

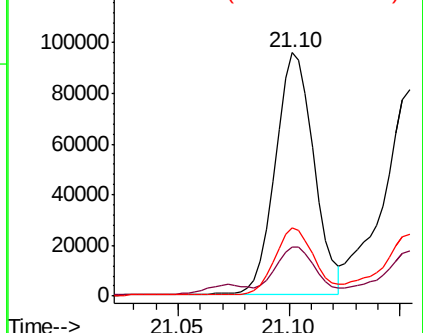
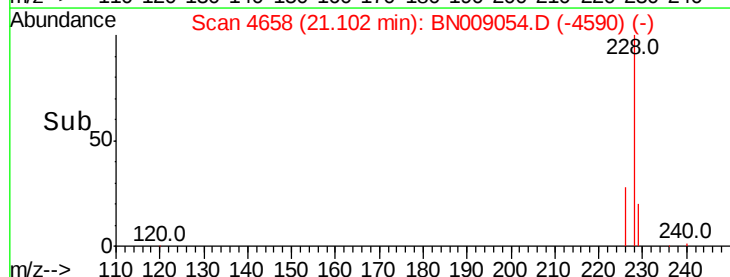
226 27.9 21.7 32.5

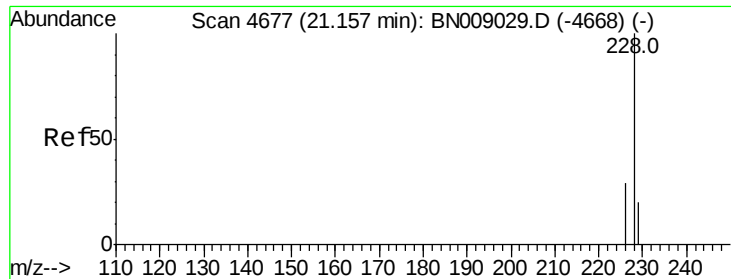


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.964 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

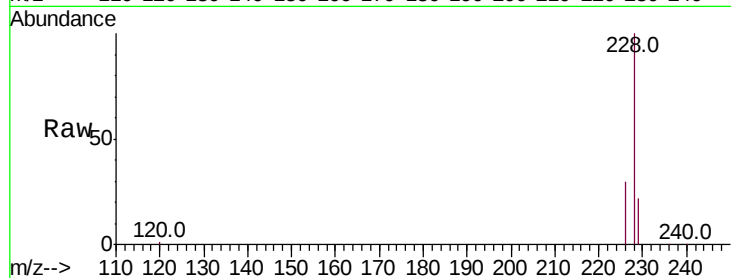
Tot Ion:228 Resp: 117482

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

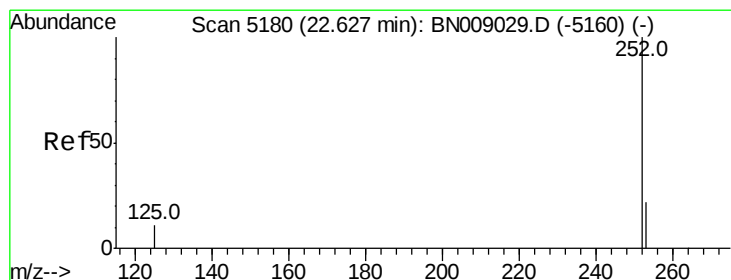
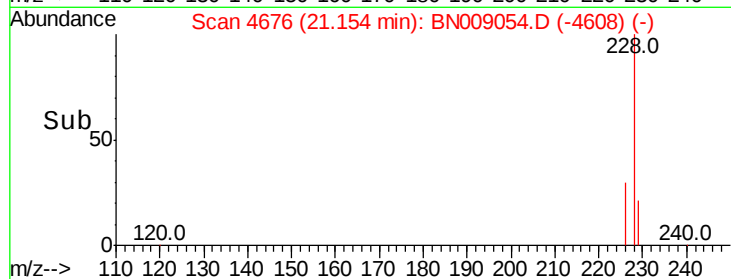
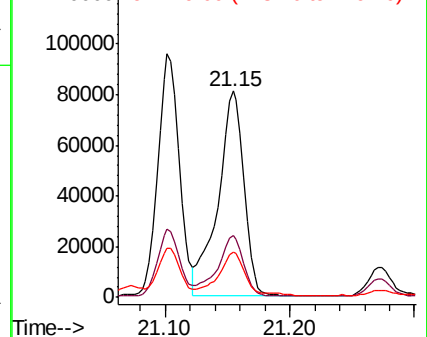
229 22.0 15.4 23.0



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: 4.757 ng/ul

RT: 22.63 min Scan# 5181

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

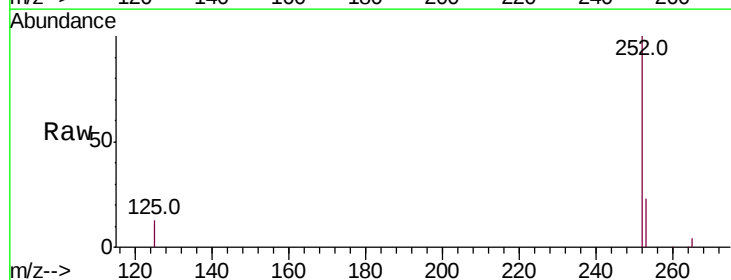
Tgt Ion:252 Resp: 189812

Ion Ratio Lower Upper

252 100

253 23.1 0.0 48.2

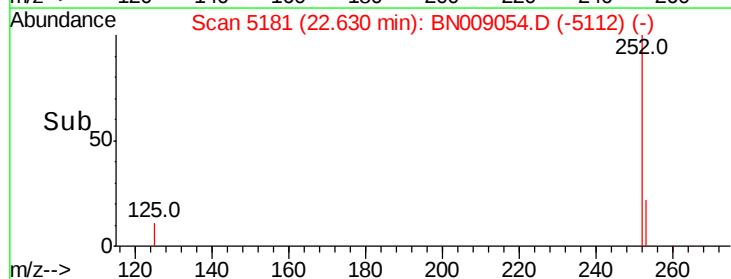
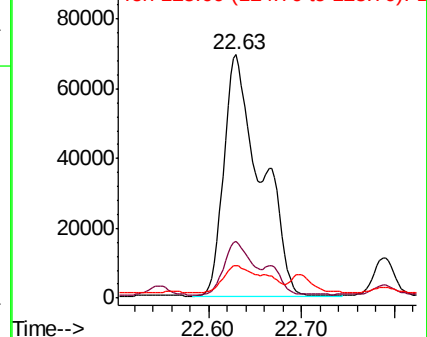
125 13.4 0.0 30.0

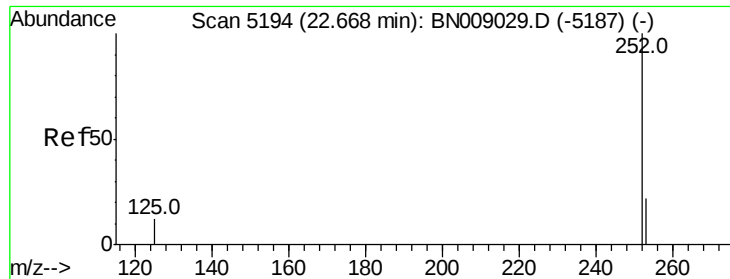


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.718 ng/ul

RT: 22.63 min Scan# 5181

Delta R.T. -0.04 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

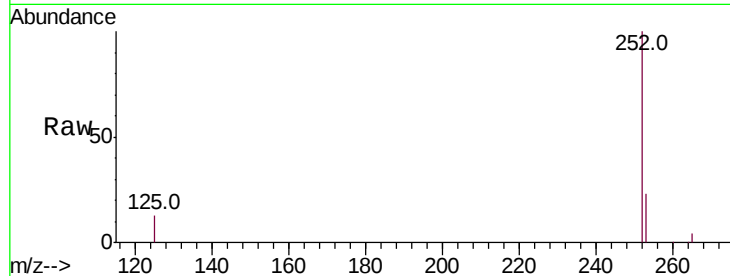
Tot Ion:252 Resp: 189812

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.0

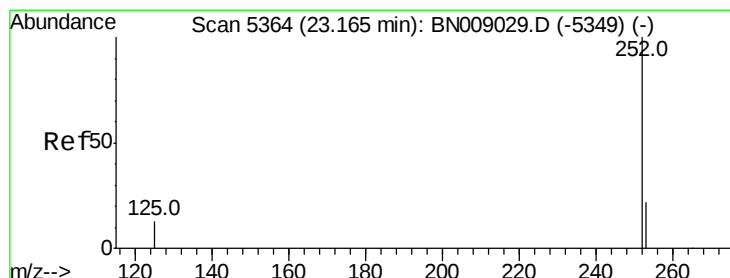
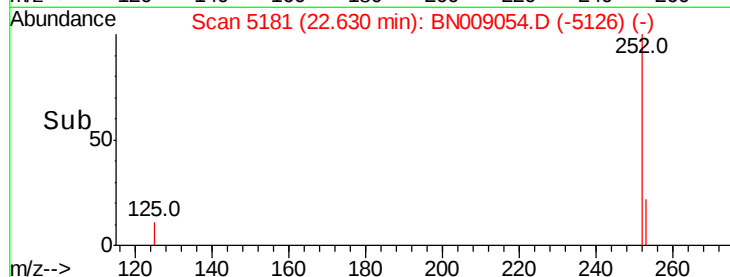
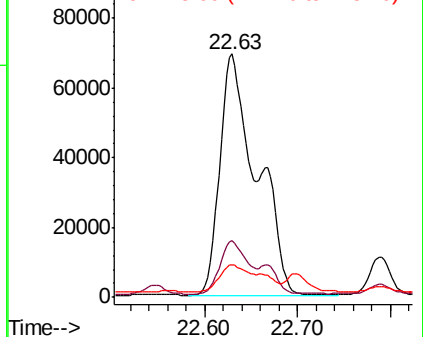
125 13.4 12.4 18.6



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: 2.660 ng/ul

RT: 23.17 min Scan# 5365

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

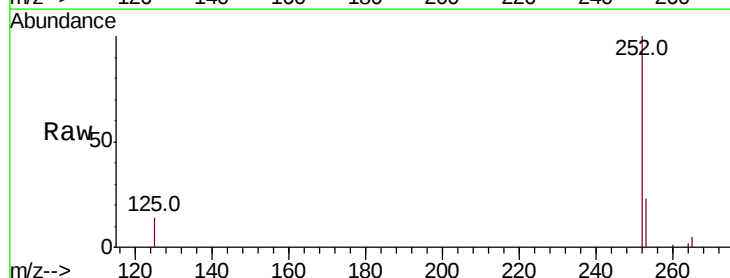
Tgt Ion:252 Resp: 93019

Ion Ratio Lower Upper

252 100

253 23.0 20.2 30.4

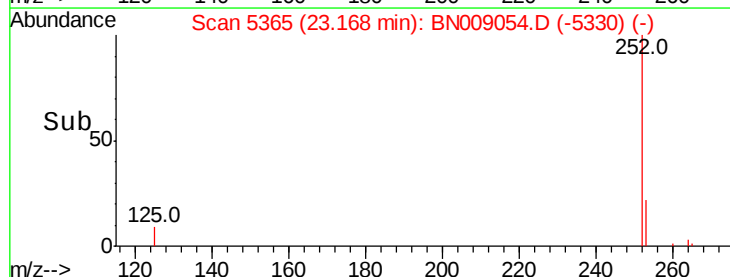
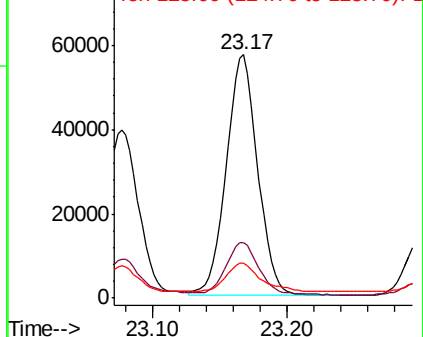
125 14.3 13.2 19.8

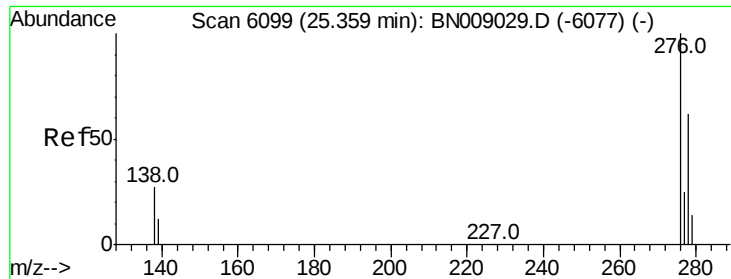


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



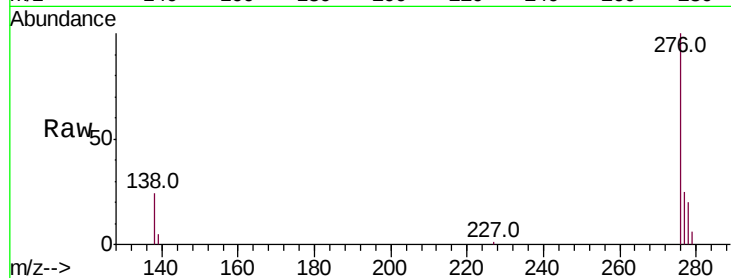


#24

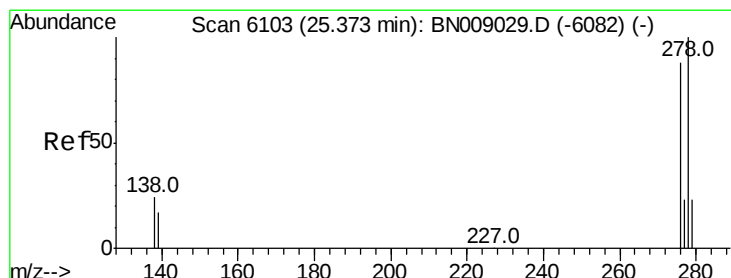
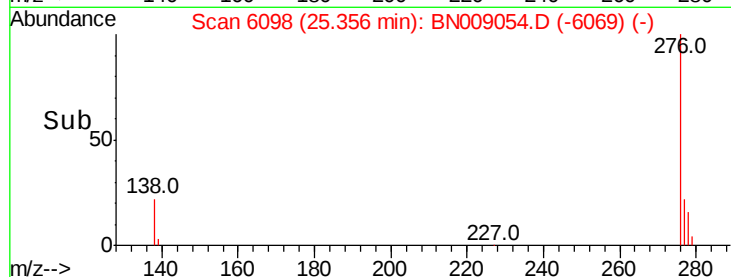
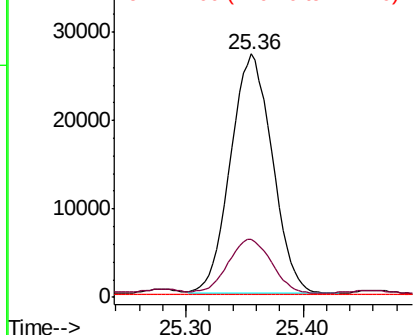
Indeno(1,2,3-cd)pyrene
Concen: 1.763 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 67122
Ion Ratio Lower Upper
276 100
138 23.0 22.4 33.6
227 0.3 0.2 0.4



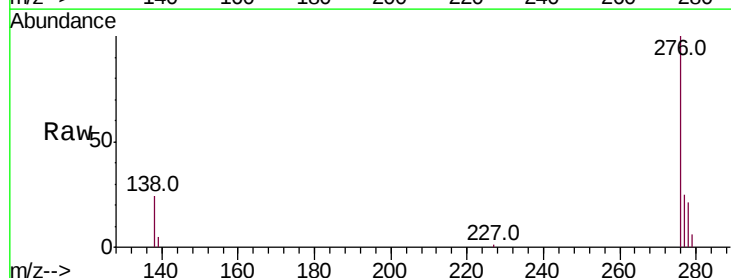
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



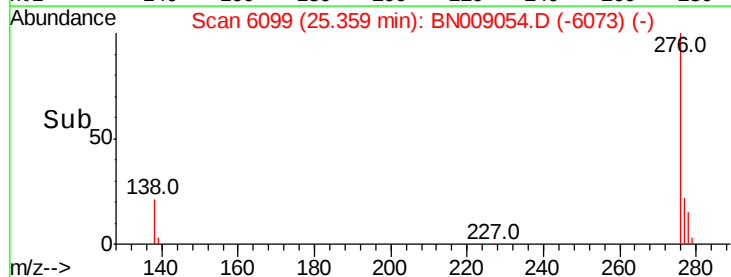
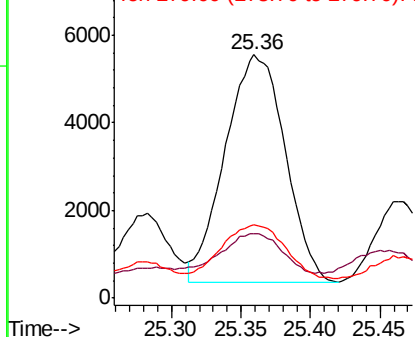
#25

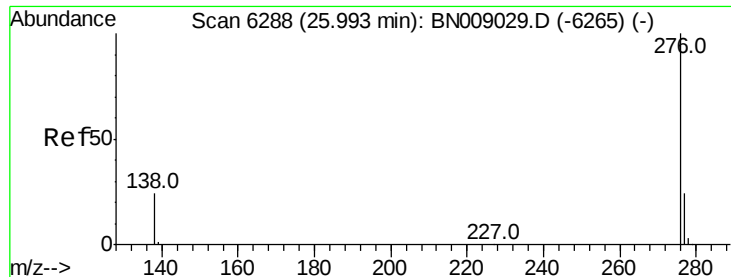
Dibenzo(a,h)anthracene
Concen: 0.514 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:278 Resp: 15567
Ion Ratio Lower Upper
278 100
139 26.4 16.2 24.2#
279 30.2 20.3 30.5



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: 2.029 ng/ul

RT: 26.00 min Scan# 6289

Delta R.T. 0.00 min

Lab File: BN009054.D

Acq: 20 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

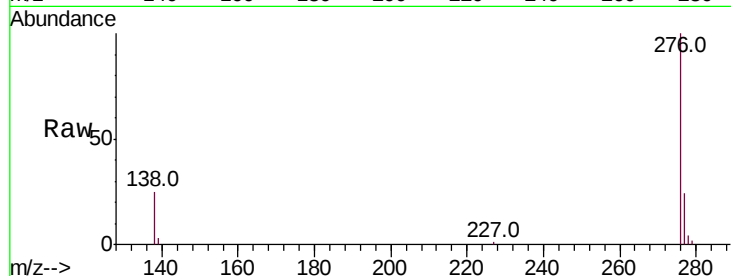
Tot Ion:276 Resp: 65089

Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

277 24.5 19.6 29.4



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

