

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009058.D
 Acq On : 20 Dec 2019 08:32
 Operator : JU
 Sample : K6171-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 10:52:47 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

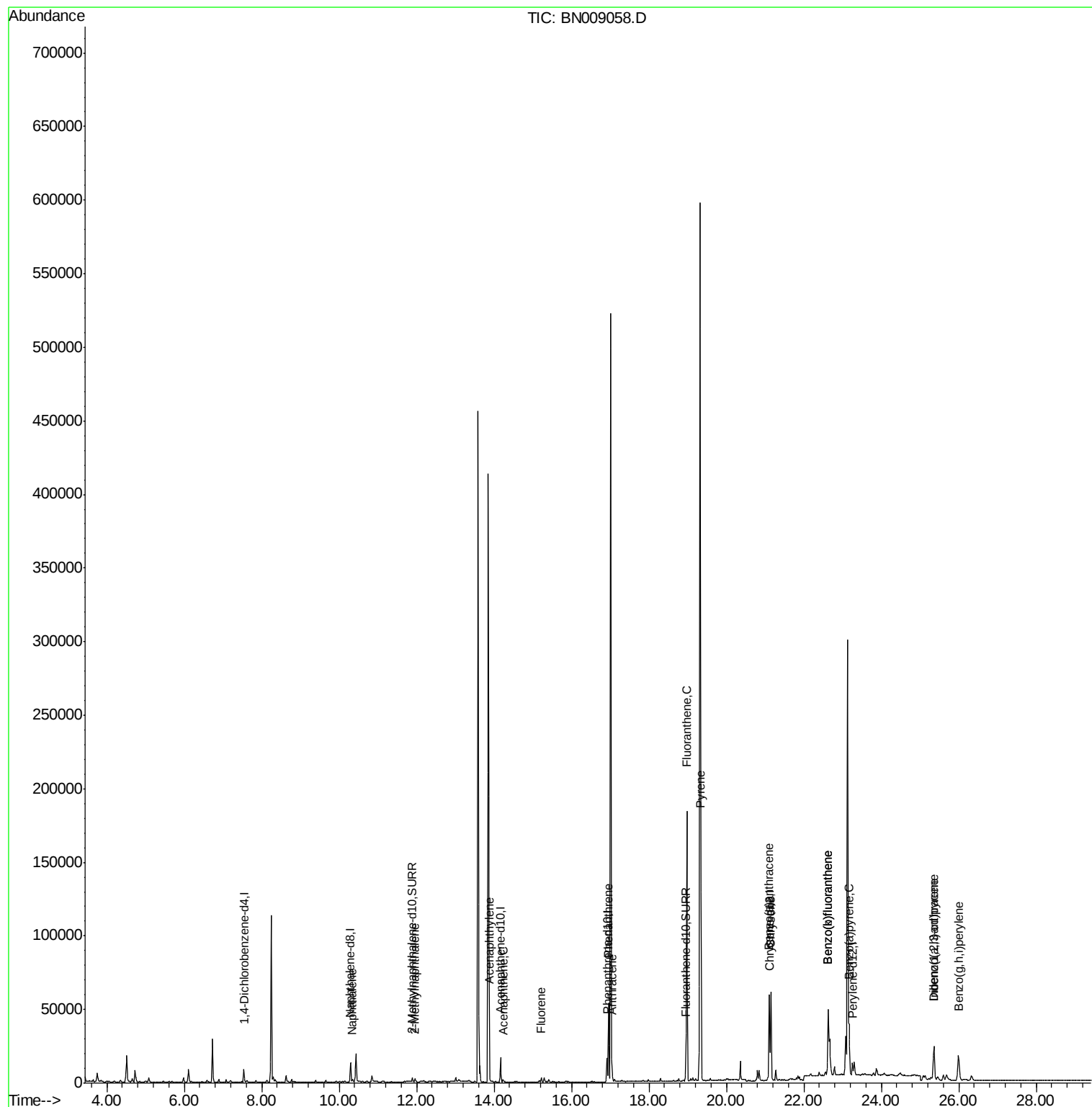
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	16396	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8960	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	18188	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9980	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	9260	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3443	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	7367	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	1930	0.039	ng/ul#	89
5) 2-Methylnaphthalene	11.96	142	1503	0.040	ng/ul	100
7) Acenaphthylene	13.88	152	2453	0.052	ng/ul#	92
8) Acenaphthene	14.23	153	909	0.025	ng/ul	96
9) Fluorene	15.22	166	1889	0.043	ng/ul#	98
12) Phenanthrene	16.95	178	55119	0.871	ng/ul	100
13) Anthracene	17.05	178	7561	0.133	ng/ul	97
15) Fluoranthene	18.98	202	153764	2.126	ng/ul	99
17) Pyrene	19.34	202	119286	2.343	ng/ul	99
18) Benzo(a)anthracene	21.10	228	45088	1.017	ng/ul	97
19) Chrysene	21.15	228	56158	1.261	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	90748	2.099	ng/ul	99
22) Benzo(k)fluoranthene	22.63	252	90748	2.081	ng/ul	99
23) Benzo(a)pyrene	23.17	252	40708	1.074	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.36	276	32862	0.796	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.36	278	7360	0.224	ng/ul#	78
26) Benzo(a,h,i)perylene	25.99	276	32699	0.941	ng/ul	99

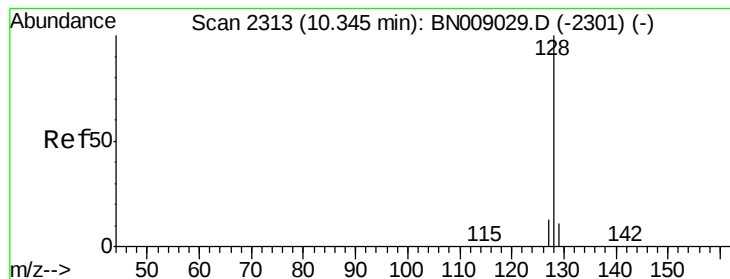
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 19 15:54:16 2019
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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

Instrument :

BNA_N

ClientSampleId :

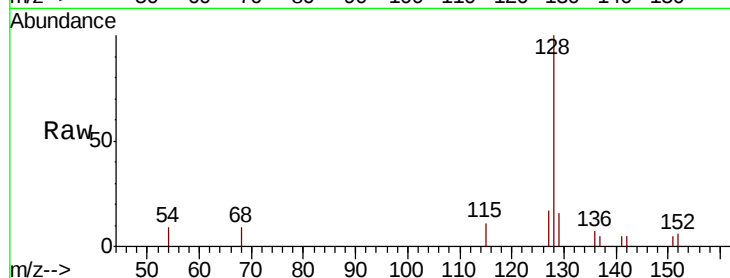
Tot Ion:128 Resp: 1930

Ion Ratio Lower Upper

128 100

129 16.1 9.0 13.4#

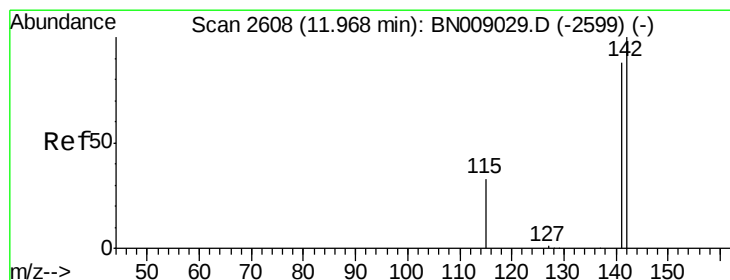
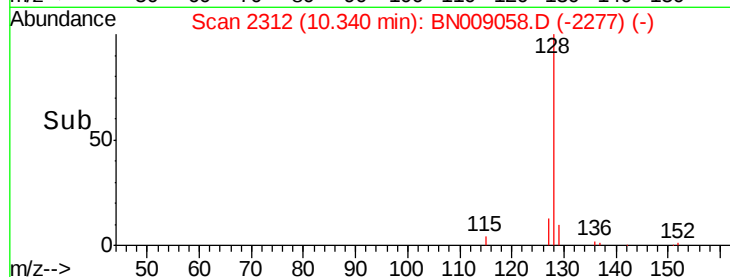
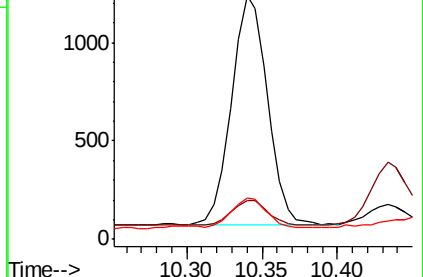
127 17.1 10.9 16.3#



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: 0.040 ng/ul

RT: 11.96 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN009058.D

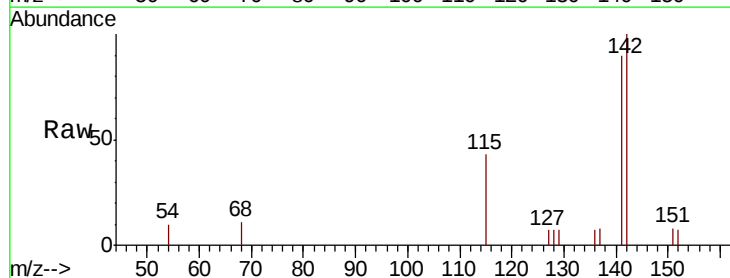
Acq: 20 Dec 2019 08:32

Tgt Ion:142 Resp: 1503

Ion Ratio Lower Upper

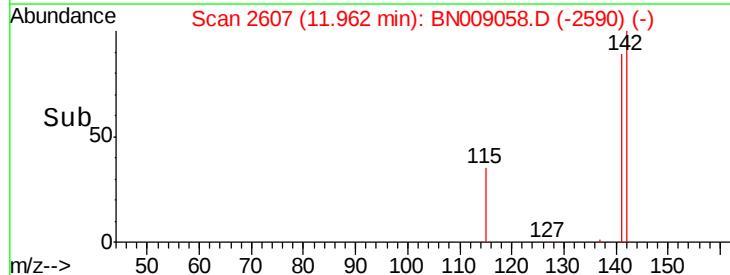
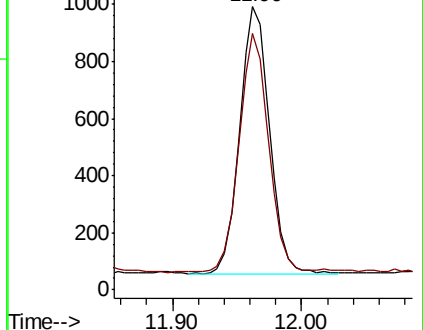
142 100

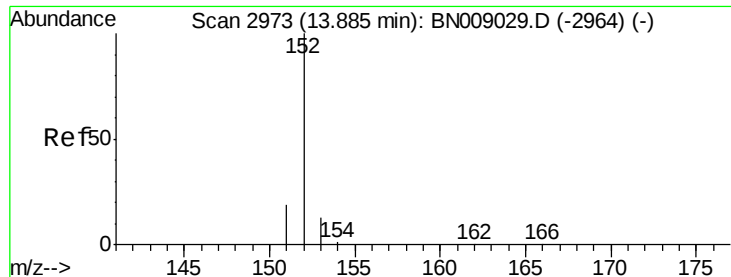
141 88.1 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.88 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009058.D

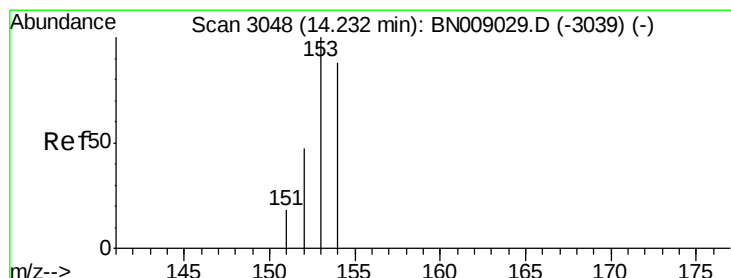
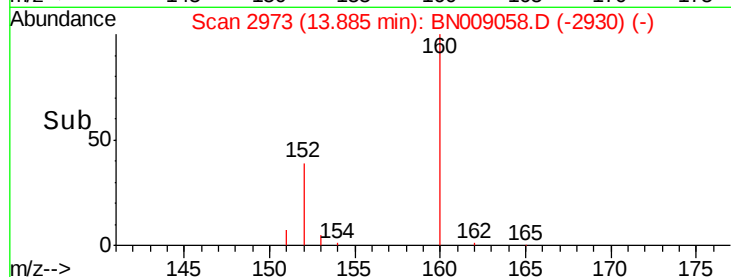
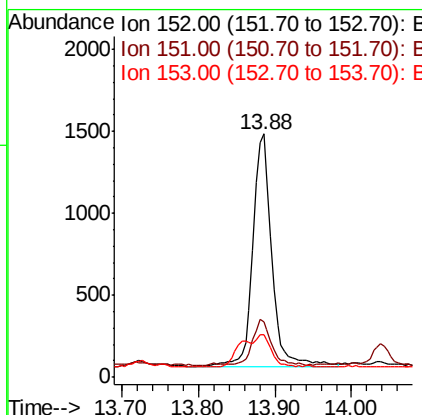
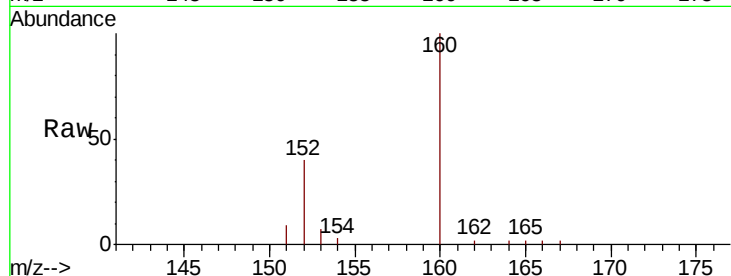
Acq: 20 Dec 2019 08:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	2453
Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.7	23.5
153	17.4	10.8	16.2#



#8

Acenaphthene

Concen: 0.025 ng/ul

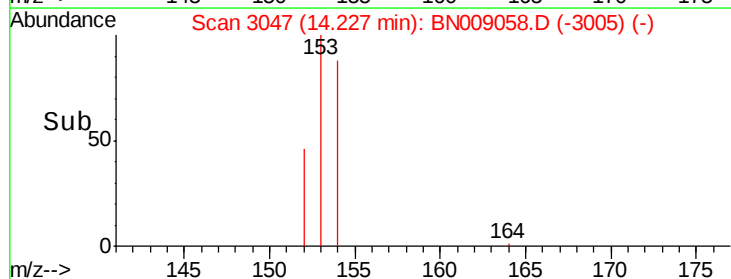
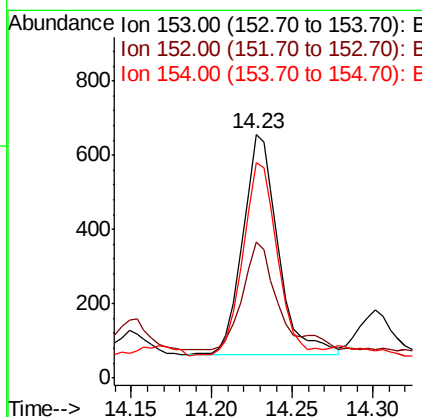
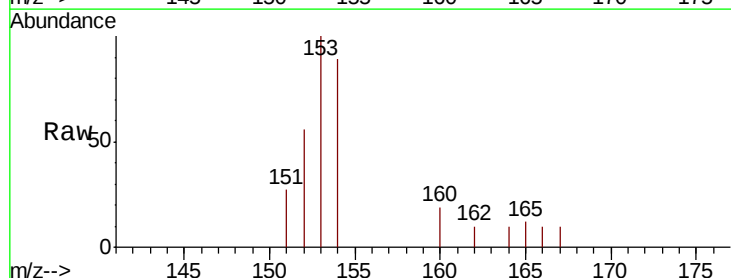
RT: 14.23 min Scan# 3047

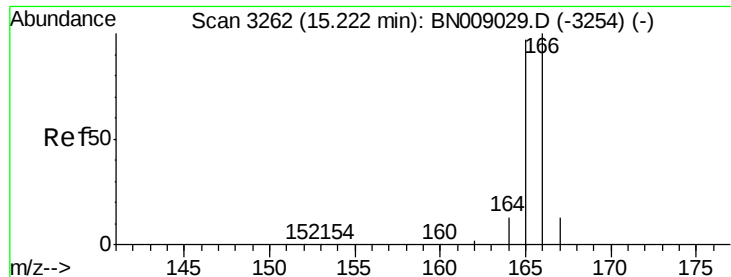
Delta R.T. -0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

Tgt Ion:	153	Resp:	909
Ion	Ratio	Lower	Upper
153	100		
152	56.1	39.5	59.3
154	88.6	71.3	106.9

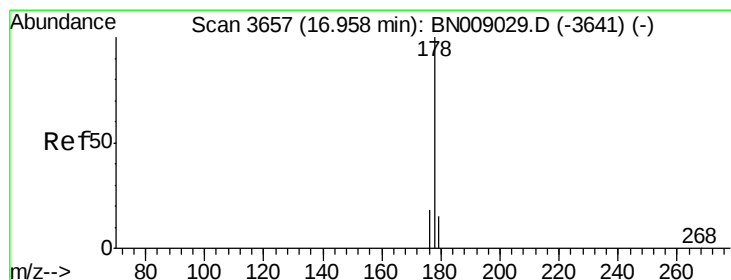
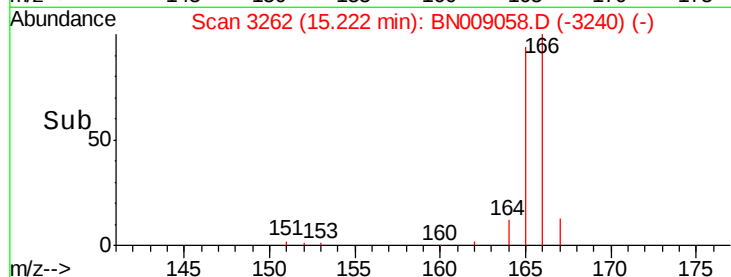
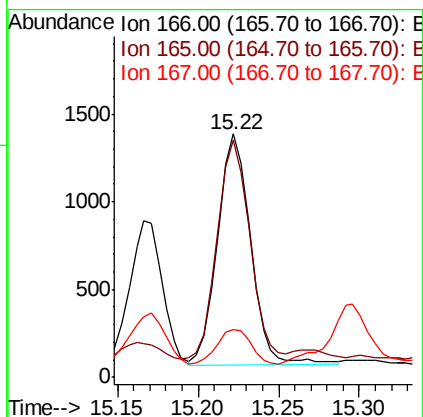
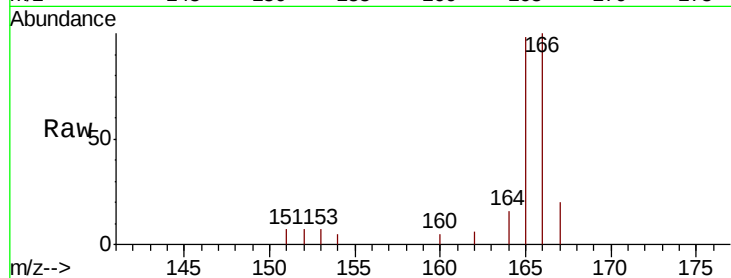




#9
Fluorene
 Concen: 0.043 ng/ul
 RT: 15.22 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BN009058.D
 Acq: 20 Dec 2019 08:32

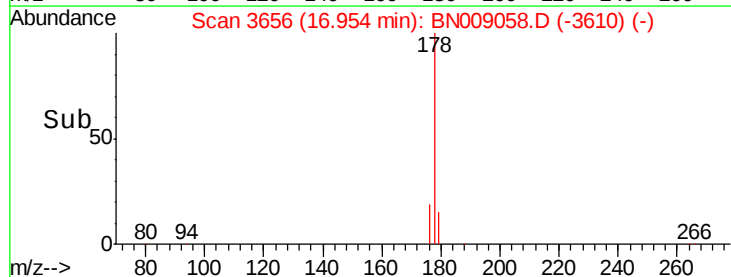
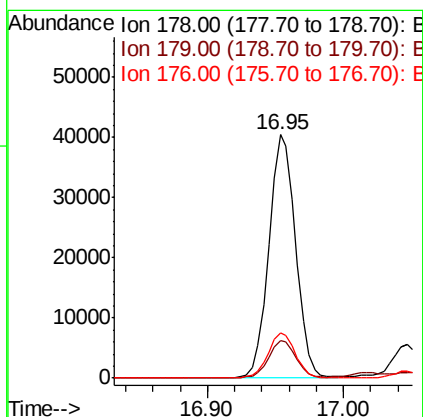
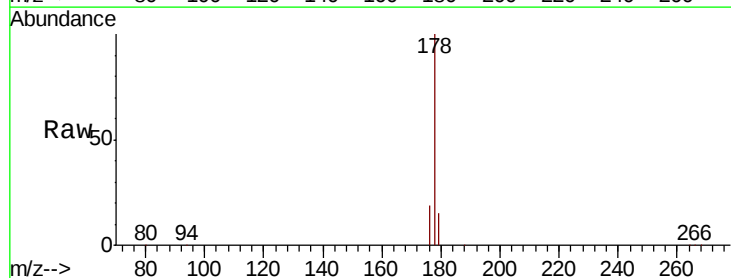
Instrument :
 BNA_N
 ClientSampleId :

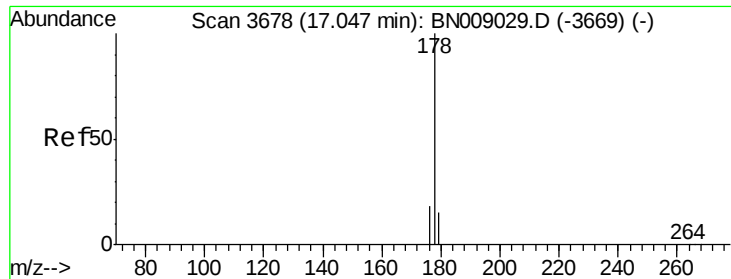
Tot Ion:166 Resp: 1889
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.2 117.4
 167 19.8 11.0 16.6#



#12
Phenanthrene
 Concen: 0.871 ng/ul
 RT: 16.95 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: BN009058.D
 Acq: 20 Dec 2019 08:32

Tgt Ion:178 Resp: 55119
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 18.8 15.1 22.7





#13

Anthracene

Concen: 0.133 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

Instrument :

BNA_N

ClientSampleId :

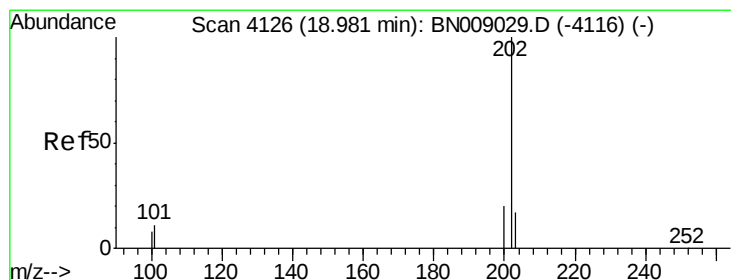
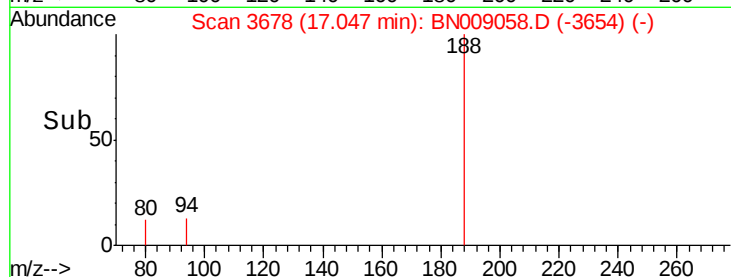
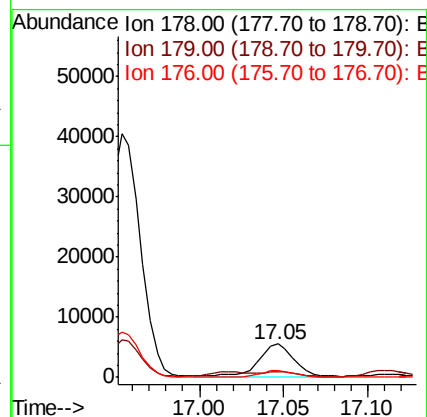
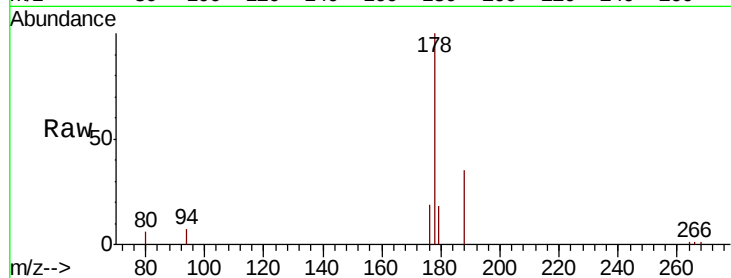
Tot Ion:178 Resp: 7561

Ion Ratio Lower Upper

178 100

179 17.8 12.5 18.7

176 18.9 14.9 22.3



#15

Fluoranthene

Concen: 2.126 ng/ul

RT: 18.98 min Scan# 4126

Delta R.T. 0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

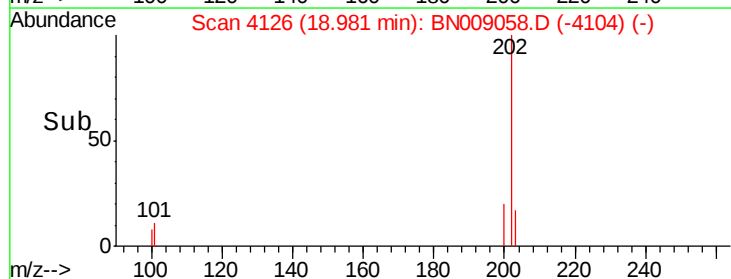
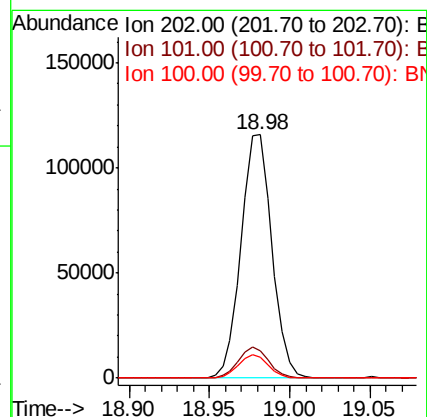
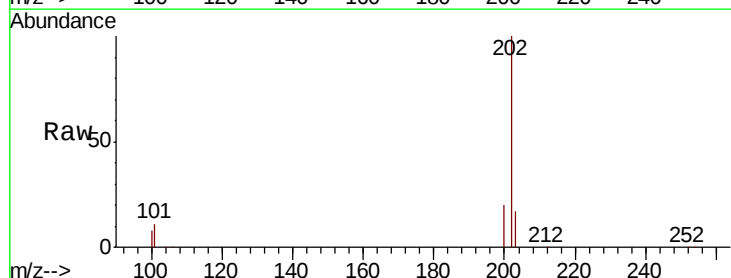
Tgt Ion:202 Resp: 153764

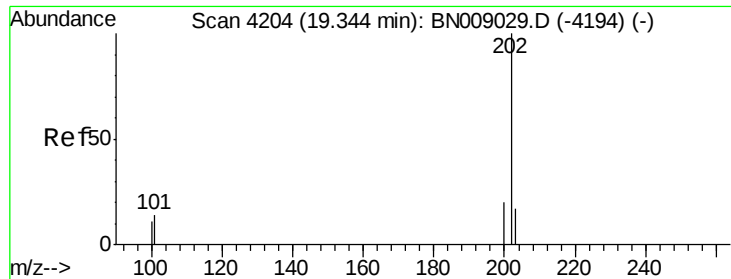
Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

100 8.4 0.0 28.9

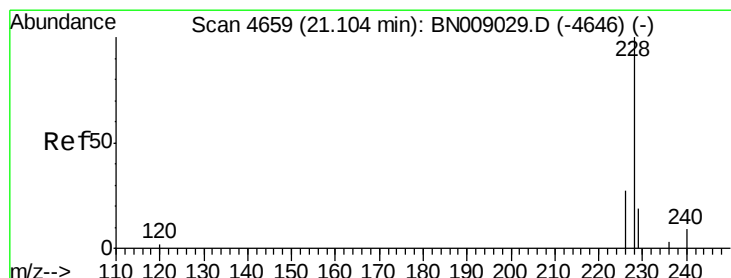
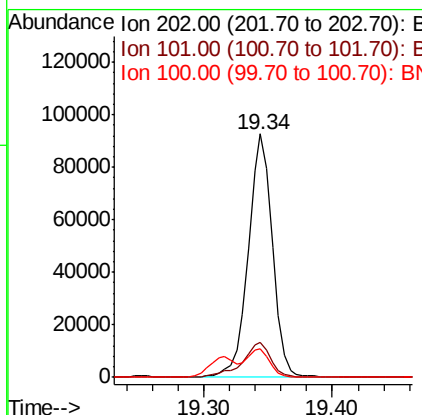
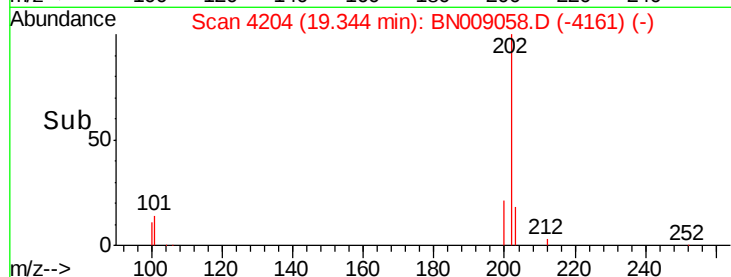
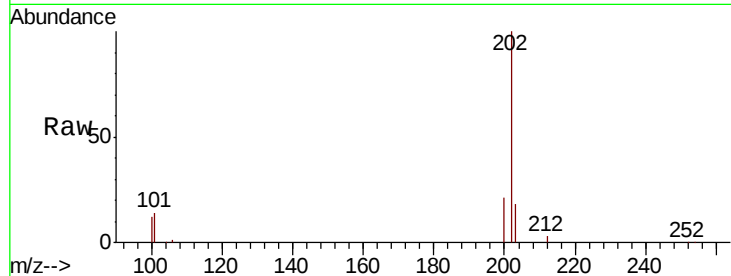




#17
Pvrene
Concen: 2.343 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

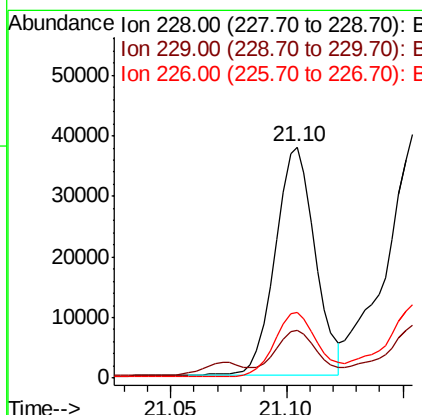
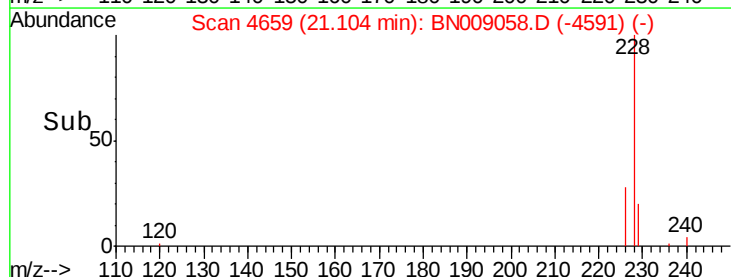
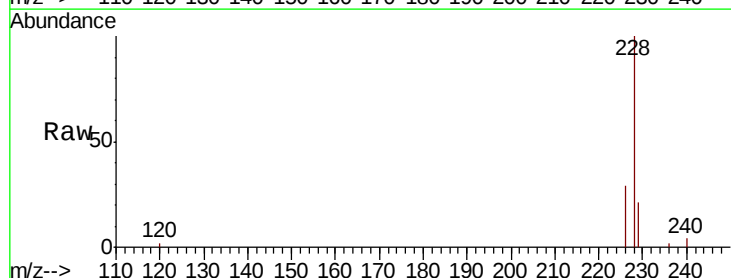
Instrument :
BNA_N
ClientSampleId :

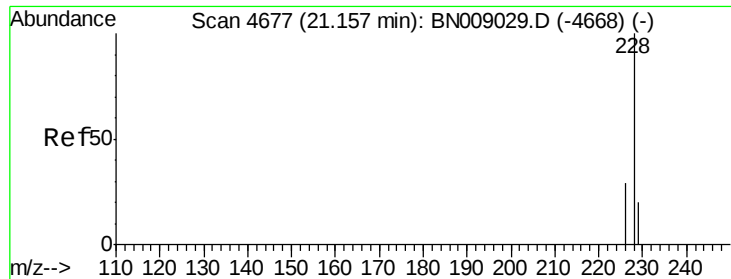
Tot Ion:202 Resp: 119286
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.5 9.0 13.6



#18
Benzo(a)anthracene
Concen: 1.017 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:228 Resp: 45088
Ion Ratio Lower Upper
228 100
229 20.8 15.5 23.3
226 28.7 21.7 32.5





#19

Chrysene

Concen: 1.261 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

Instrument :

BNA_N

ClientSampleId :

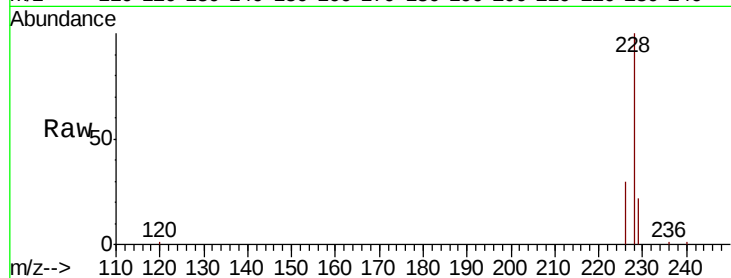
Tot Ion:228 Resp: 56158

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

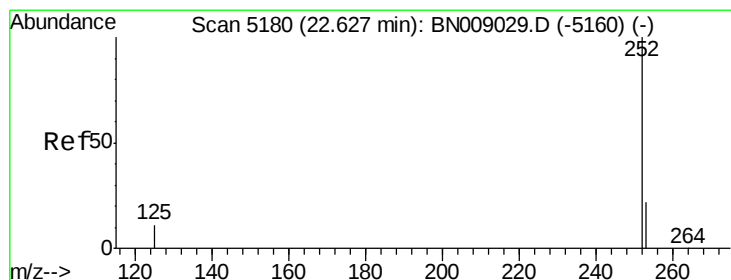
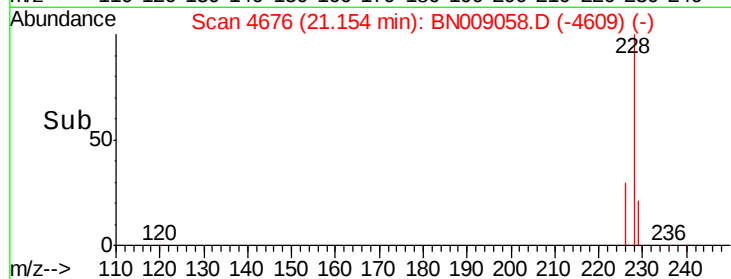
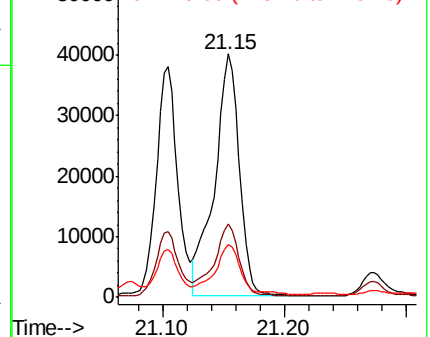
229 21.9 15.4 23.0



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: 2.099 ng/ul

RT: 22.63 min Scan# 5181

Delta R.T. 0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

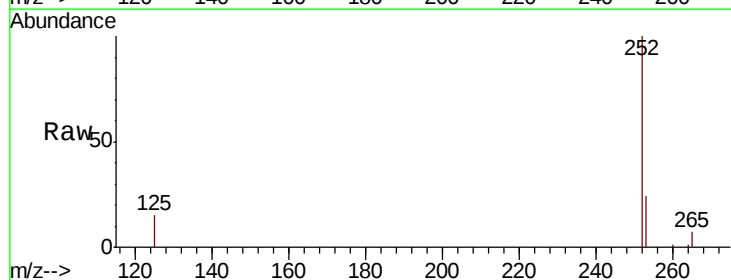
Tgt Ion:252 Resp: 90748

Ion Ratio Lower Upper

252 100

253 23.8 0.0 48.2

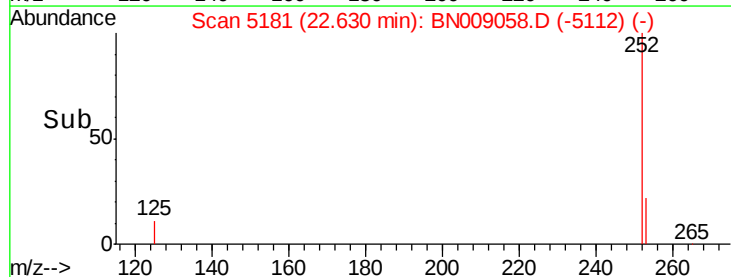
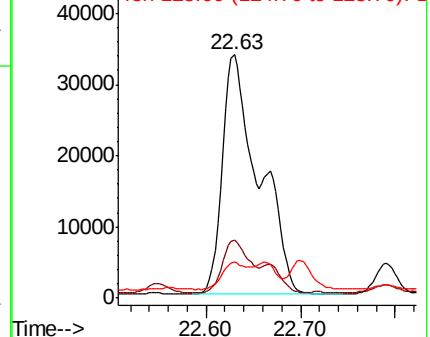
125 14.7 0.0 30.0

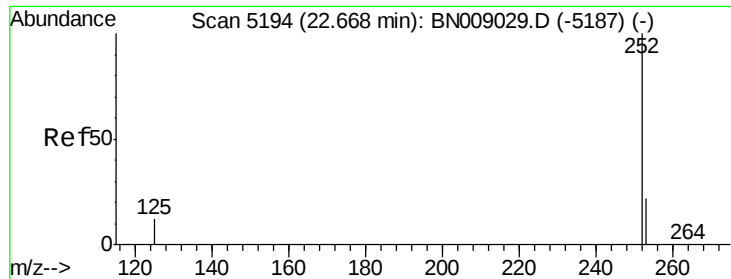


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.081 ng/ul

RT: 22.63 min Scan# 5181

Delta R.T. -0.04 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

Instrument :

BNA_N

ClientSampleId :

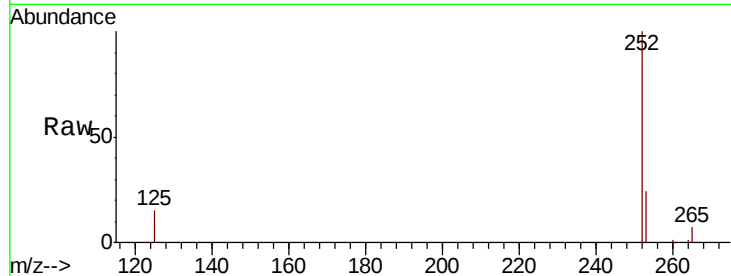
Tot Ion:252 Resp: 90748

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.0

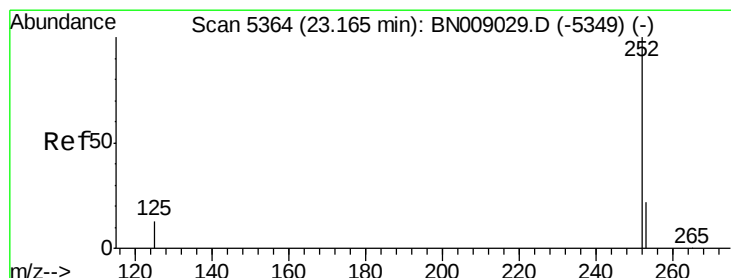
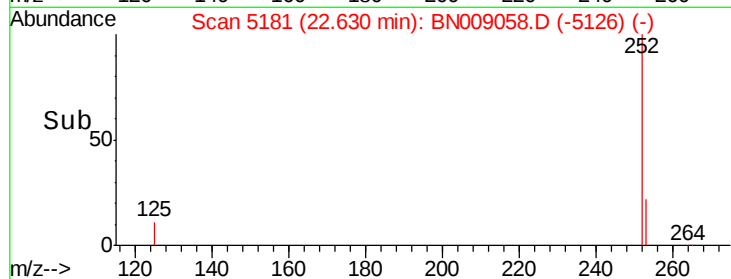
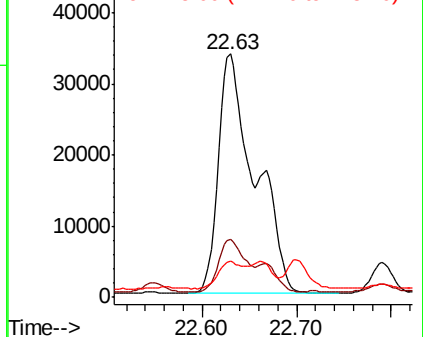
125 14.7 12.4 18.6



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: 1.074 ng/ul

RT: 23.17 min Scan# 5365

Delta R.T. 0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

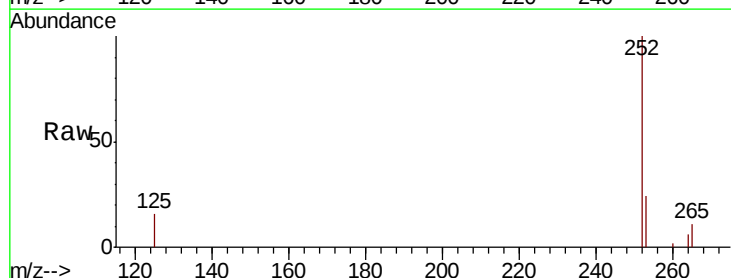
Tgt Ion:252 Resp: 40708

Ion Ratio Lower Upper

252 100

253 24.4 20.2 30.4

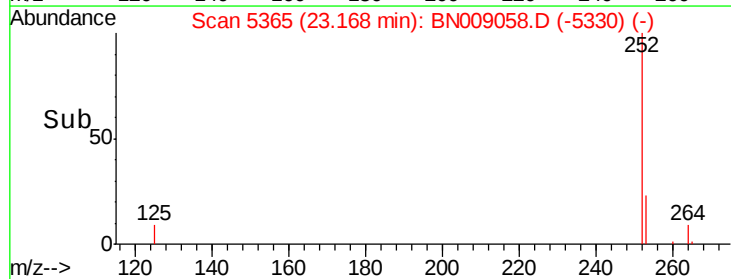
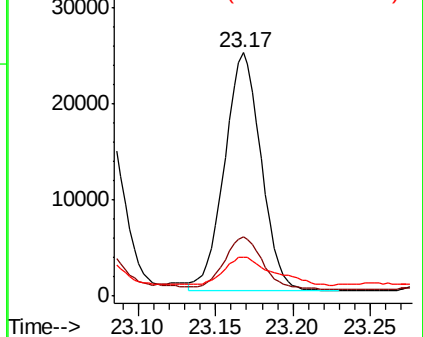
125 16.1 13.2 19.8

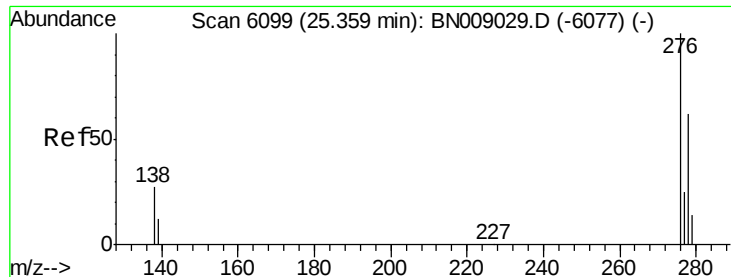


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.796 ng/ul

RT: 25.36 min Scan# 6099

Delta R.T. 0.00 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

Instrument :

BNA_N

ClientSampleId :

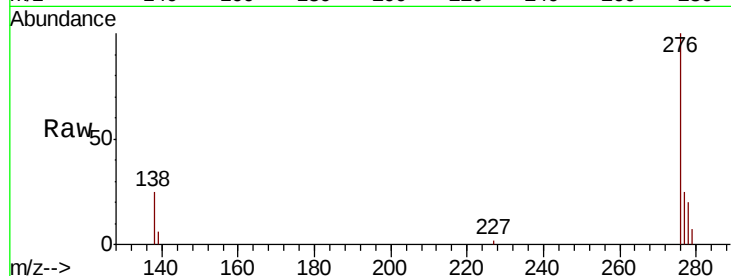
Tot Ion:276 Resp: 32862

Ion Ratio Lower Upper

276 100

138 22.9 22.4 33.6

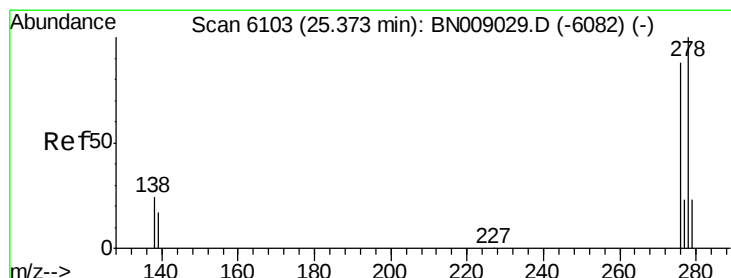
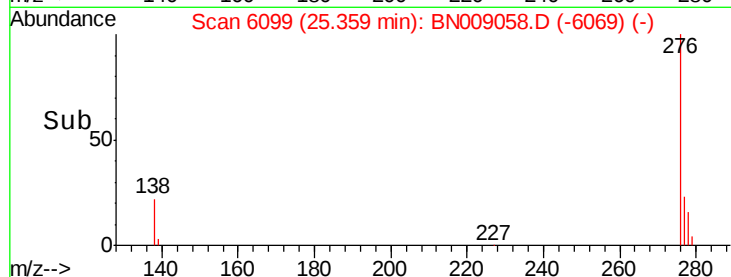
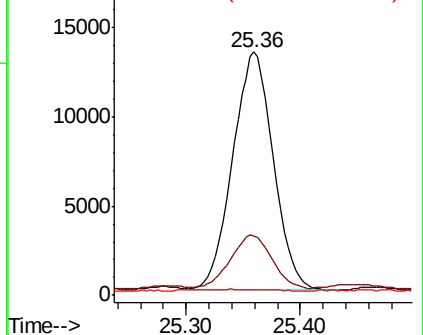
227 0.0 0.2 0.4#



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: 0.224 ng/ul

RT: 25.36 min Scan# 6100

Delta R.T. -0.01 min

Lab File: BN009058.D

Acq: 20 Dec 2019 08:32

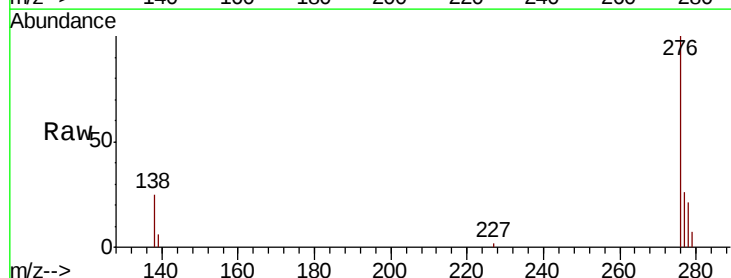
Tgt Ion:278 Resp: 7360

Ion Ratio Lower Upper

278 100

139 31.0 16.2 24.2#

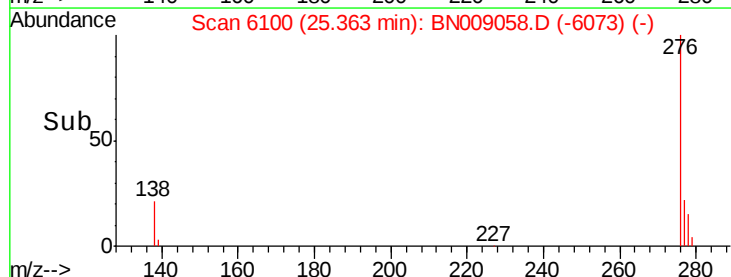
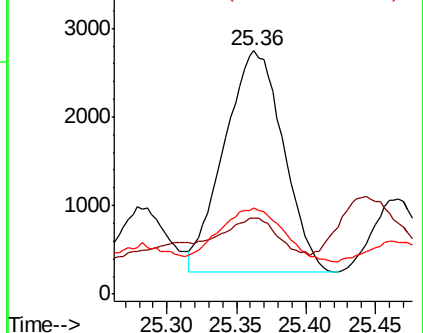
279 35.6 20.3 30.5#

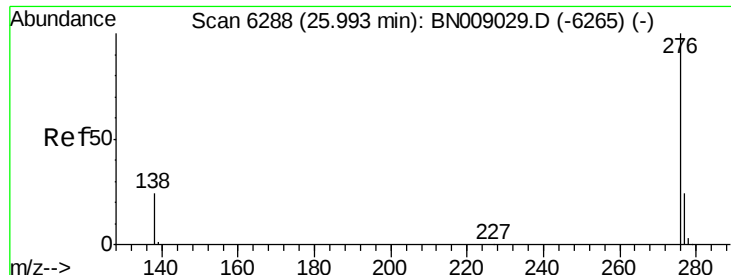


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

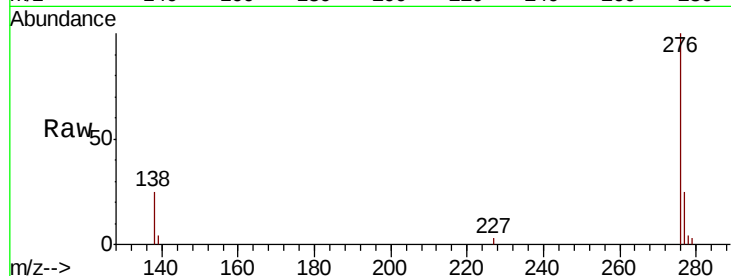




#26
 Benzo(a,h,i)perylene
 Concen: 0.941 ng/ul
 RT: 25.99 min Scan# 6288
 Delta R.T. 0.00 min
 Lab File: BN009058.D
 Acq: 20 Dec 2019 08:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	25.2	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

