

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009246.D
 Acq On : 29 Dec 2019 01:52
 Operator : JU
 Sample : K6278-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 29 05:41:57 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 : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

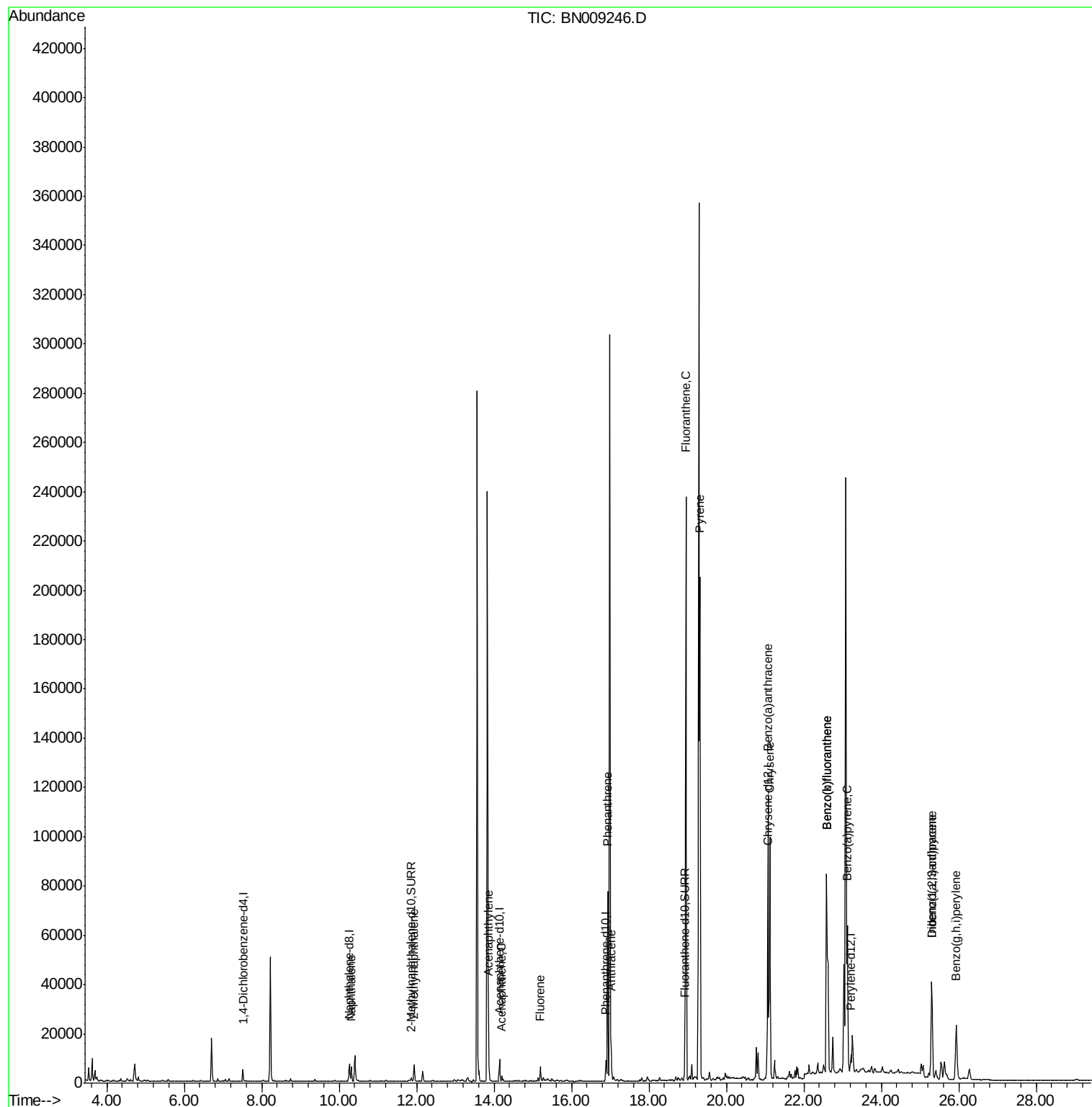
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8514	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4763	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9898	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7833	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7964	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2074	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4424	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	8076	0.313	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	4987	0.256	ng/ul	99
7) Acenaphthylene	13.86	152	12883	0.515	ng/ul	99
8) Acenaphthene	14.20	153	1431	0.073	ng/ul	98
9) Fluorene	15.19	166	3798	0.164	ng/ul#	96
12) Phenanthrene	16.93	178	75804	2.202	ng/ul	100
13) Anthracene	17.02	178	17670	0.572	ng/ul	99
15) Fluoranthene	18.95	202	200189	5.085	ng/ul	99
17) Pyrene	19.32	202	162838	4.075	ng/ul	98
18) Benzo(a)anthracene	21.07	228	95072	2.733	ng/ul	98
19) Chrysene	21.12	228	96455	2.759	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	168162	4.522	ng/ul	96
22) Benzo(k)fluoranthene	22.58	252	168162	4.485	ng/ul#	95
23) Benzo(a)pyrene	23.12	252	74958	2.300	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.30	276	54629	1.539	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.30	278	13904	0.492	ng/ul	92
26) Benzo(a,h,i)perylene	25.93	276	41294	1.381	ng/ul	98

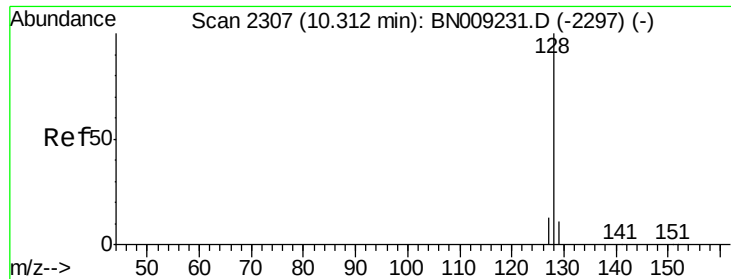
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009246.D
Acq On : 29 Dec 2019 01:52
Operator : JU
Sample : K6278-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 05:41:57 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 : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.313 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

Instrument :

BNA_N

ClientSampleId :

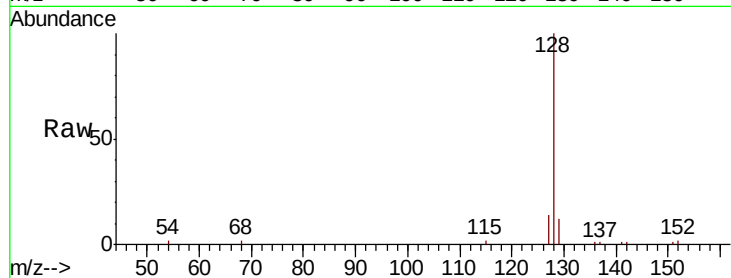
Tot Ion:128 Resp: 8076

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.4

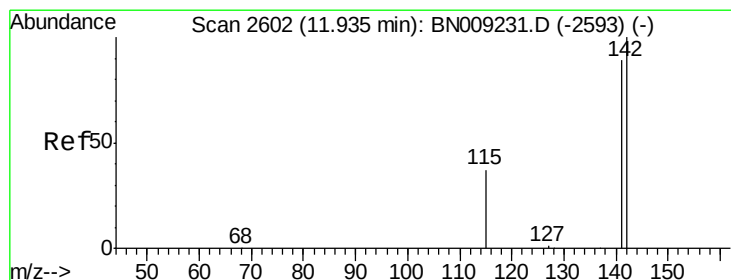
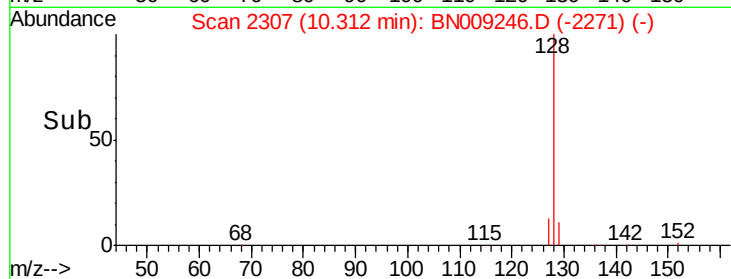
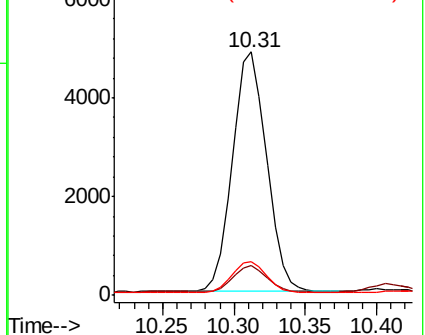
127 13.8 10.9 16.3



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: 0.256 ng/ul

RT: 11.93 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN009246.D

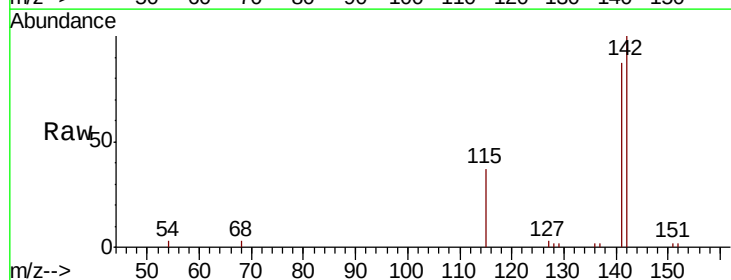
Acq: 29 Dec 2019 01:52

Tgt Ion:142 Resp: 4987

Ion Ratio Lower Upper

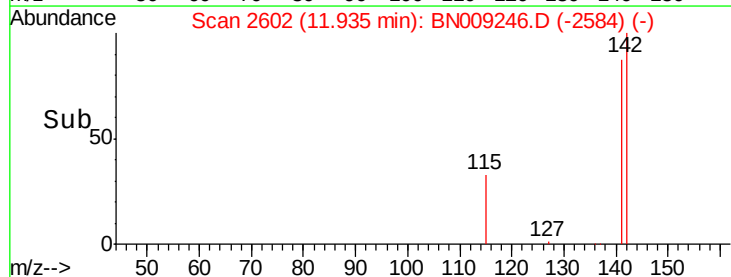
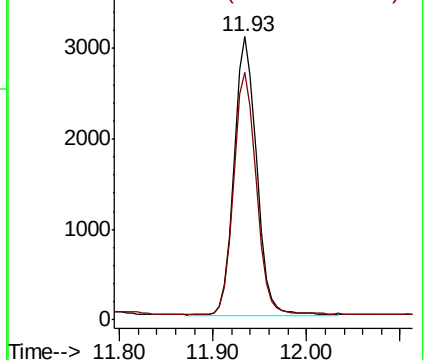
142 100

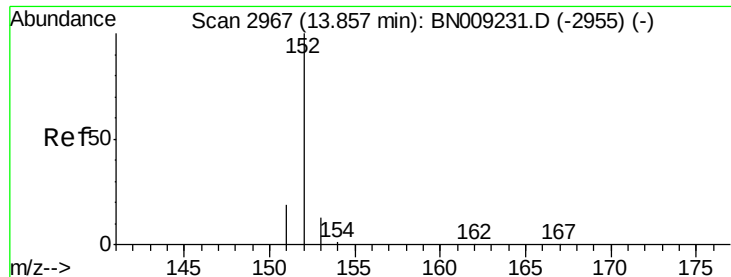
141 87.2 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.515 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

Instrument :

BNA_N

ClientSampleId :

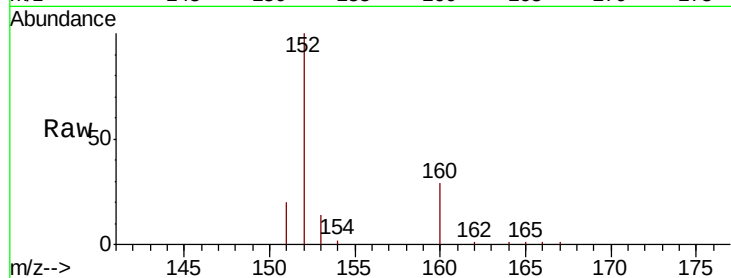
Tot Ion:152 Resp: 12883

Ion Ratio Lower Upper

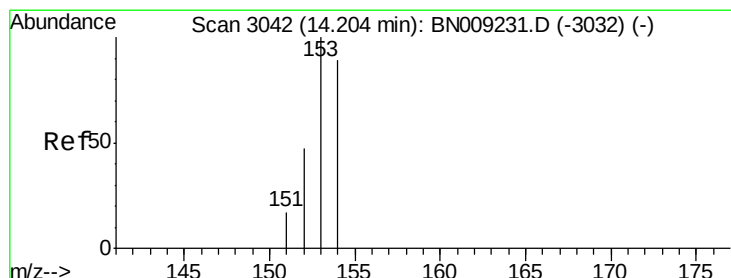
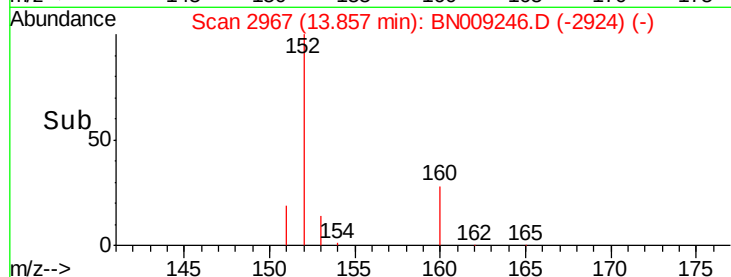
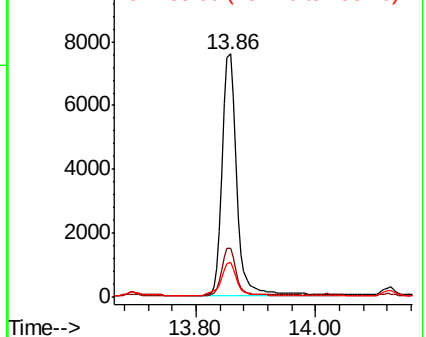
152 100

151 20.0 15.7 23.5

153 14.2 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: 0.073 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

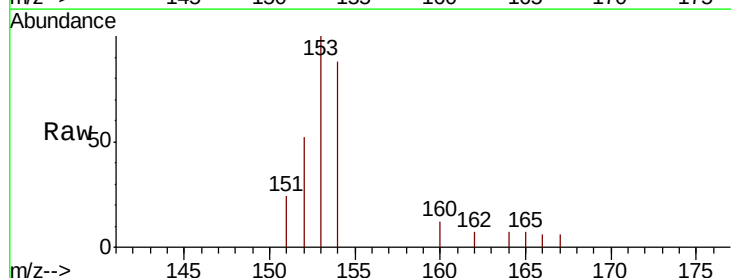
Tgt Ion:153 Resp: 1431

Ion Ratio Lower Upper

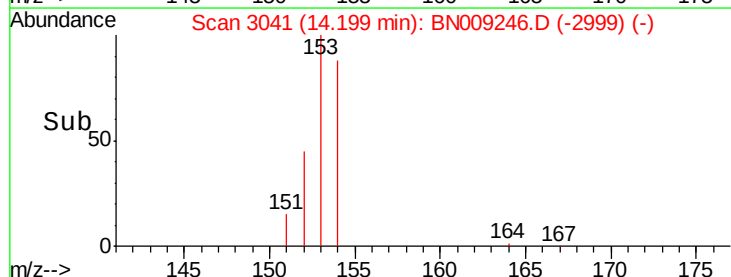
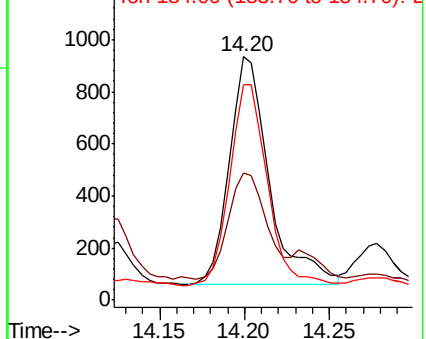
153 100

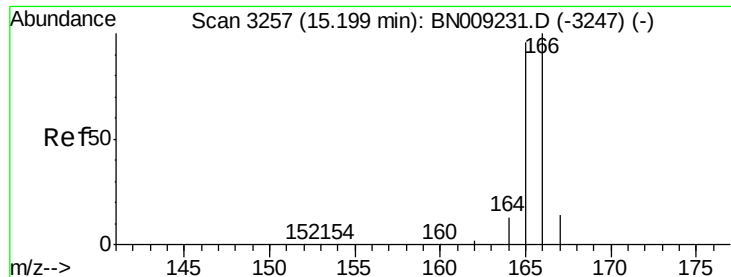
152 52.4 39.5 59.3

154 88.4 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

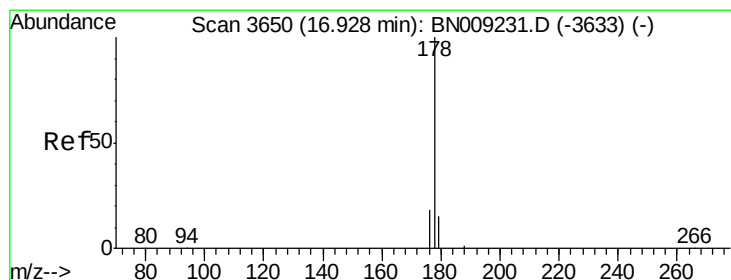
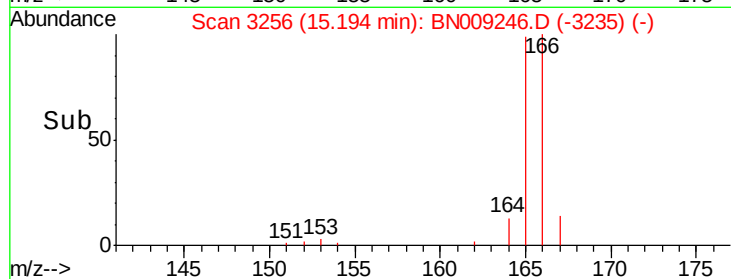
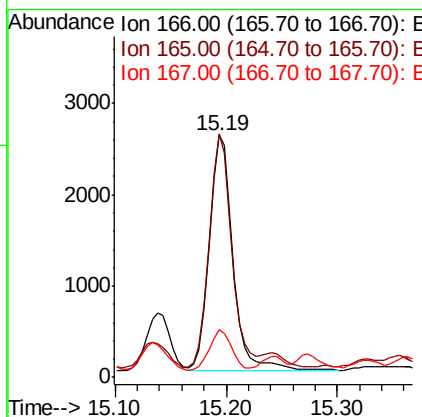
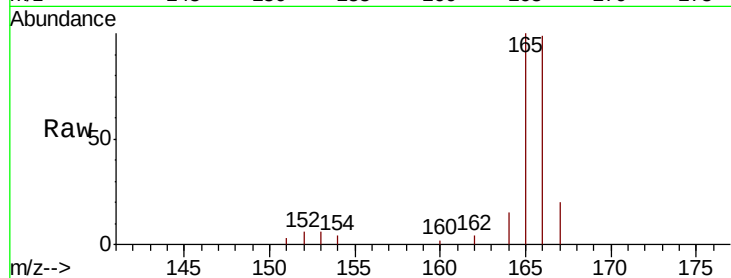




#9
Fluorene
 Concen: 0.164 ng/ul
 RT: 15.19 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: BN009246.D
 Acq: 29 Dec 2019 01:52

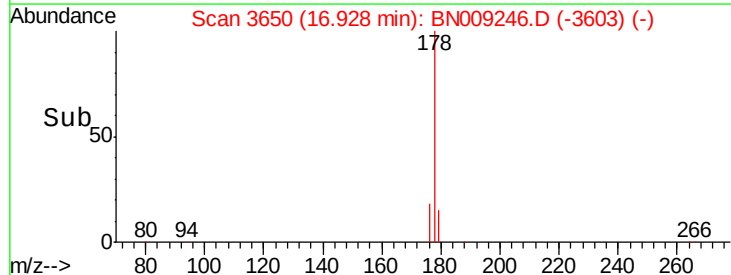
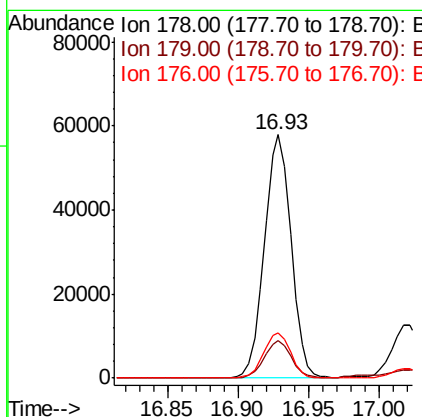
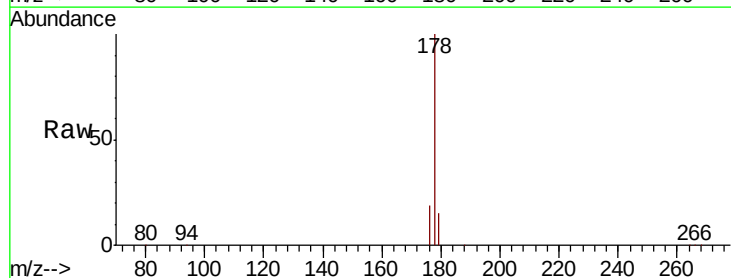
Instrument :
 BNA_N
 ClientSampleId :

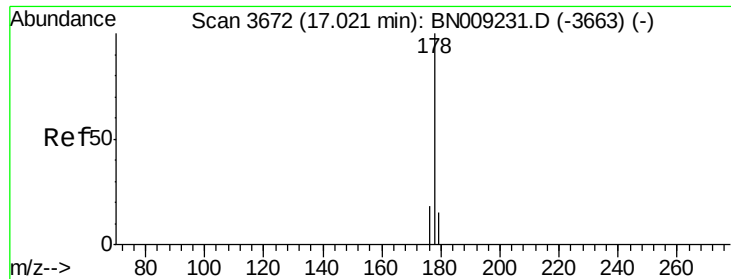
Tot Ion:166 Resp: 3798
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.2 117.4
 167 19.7 11.0 16.6#



#12
Phenanthrene
 Concen: 2.202 ng/ul
 RT: 16.93 min Scan# 3650
 Delta R.T. -0.00 min
 Lab File: BN009246.D
 Acq: 29 Dec 2019 01:52

Tgt Ion:178 Resp: 75804
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 18.6 15.1 22.7





#13

Anthracene

Concen: 0.572 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

Instrument :

BNA_N

ClientSampleId :

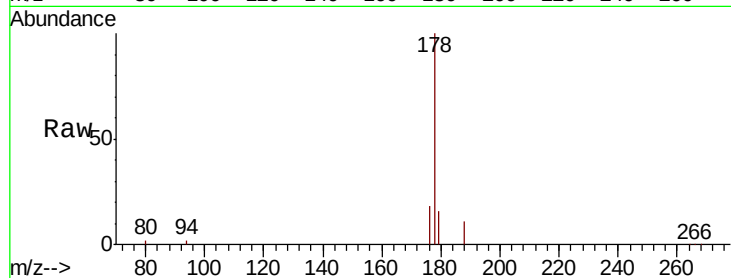
Tot Ion:178 Resp: 17670

Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 18.0 14.9 22.3

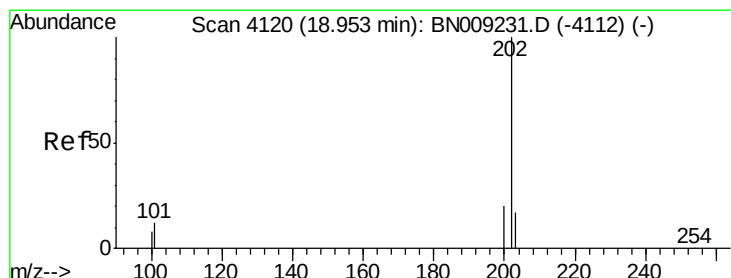
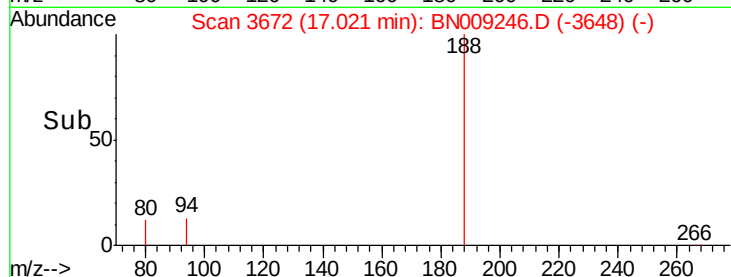
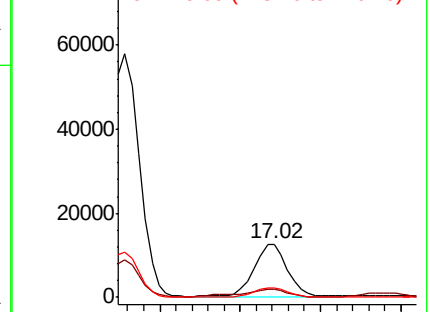


Abundance

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: 5.085 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. -0.00 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

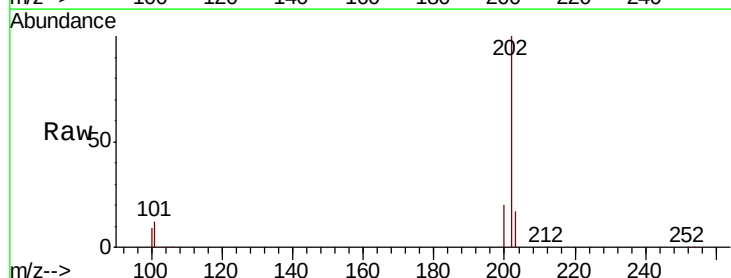
Tgt Ion:202 Resp: 200189

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

100 9.1 0.0 28.9

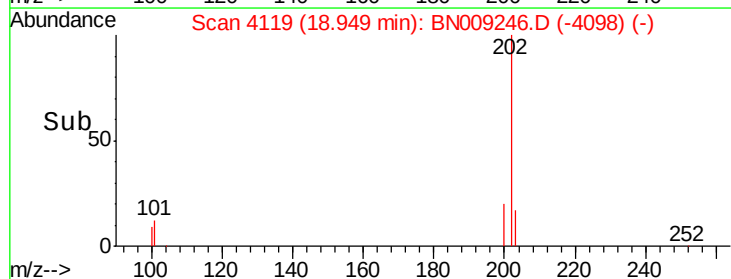
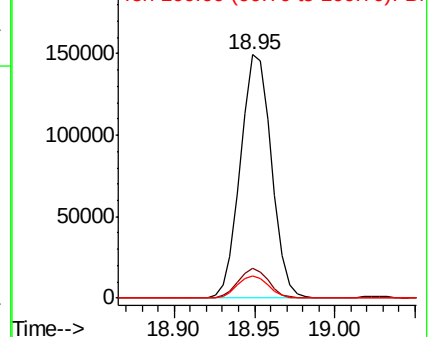


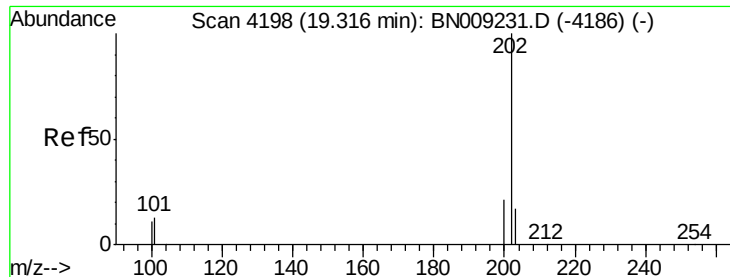
Abundance

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

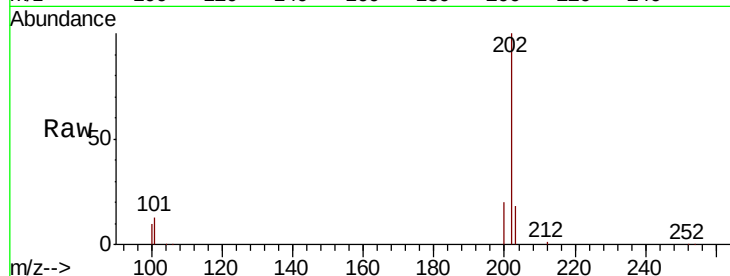




#17
Pvrene
Concen: 4.075 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.4	9.0	13.6

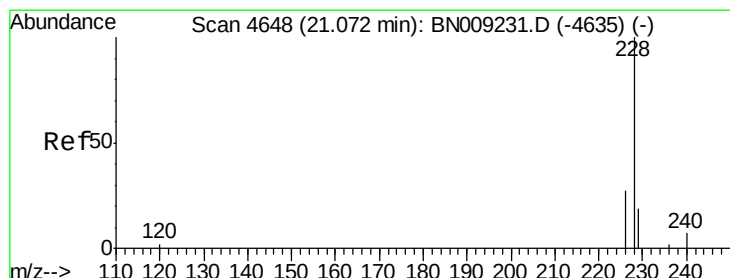
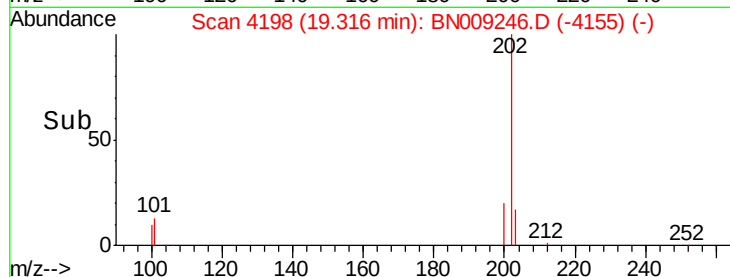
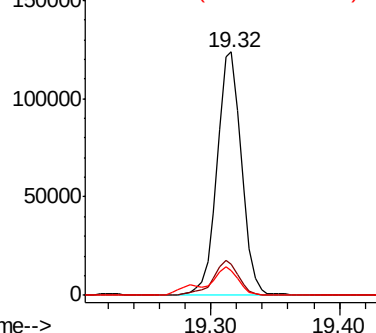


Abundance

Ion 202.00 (201.70 to 202.70): E

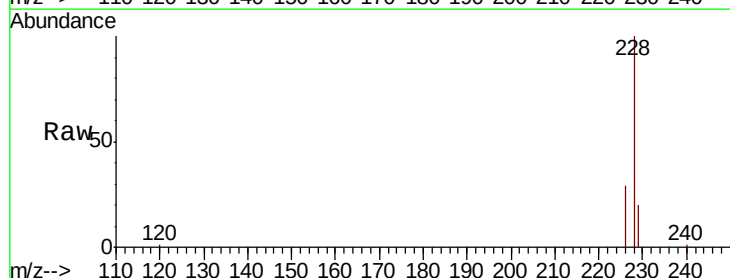
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 2.733 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	28.6	21.7	32.5

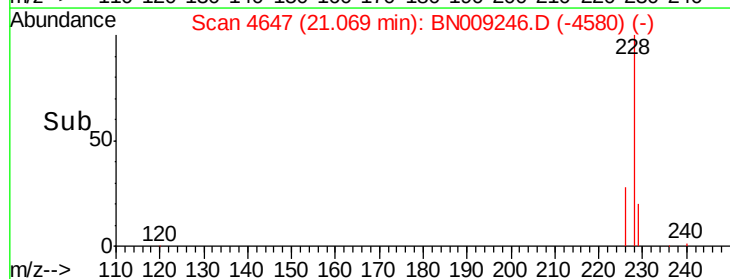
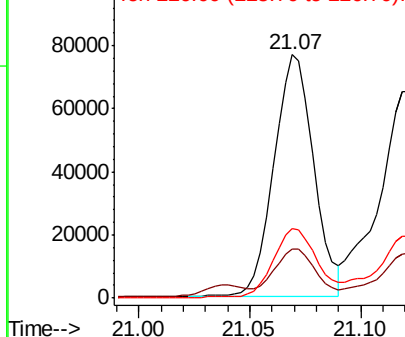


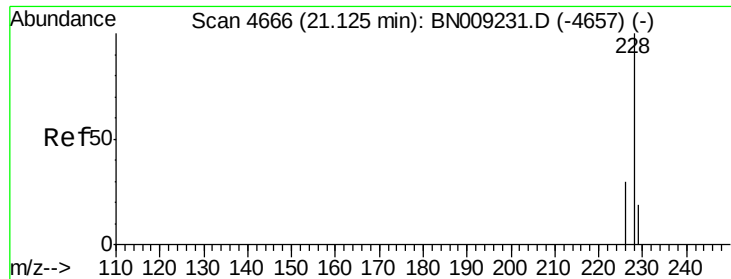
Abundance

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: 2.759 ng/ul

RT: 21.12 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

Instrument :

BNA_N

ClientSampleId :

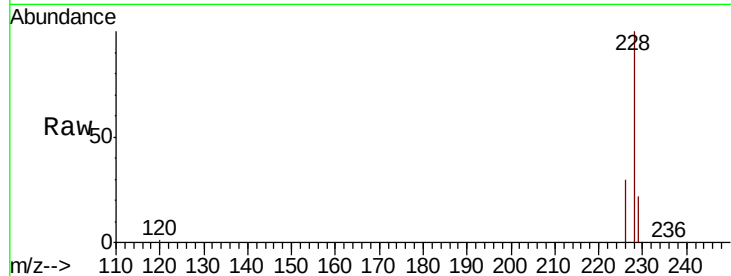
Tot Ion:228 Resp: 96455

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

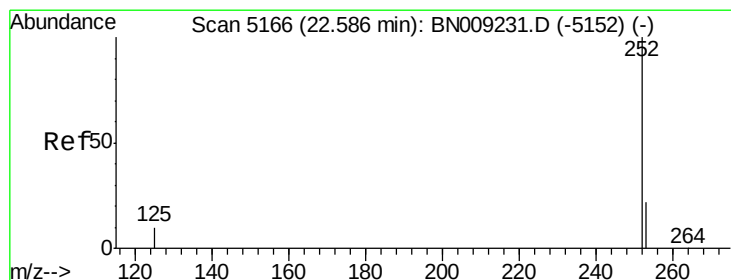
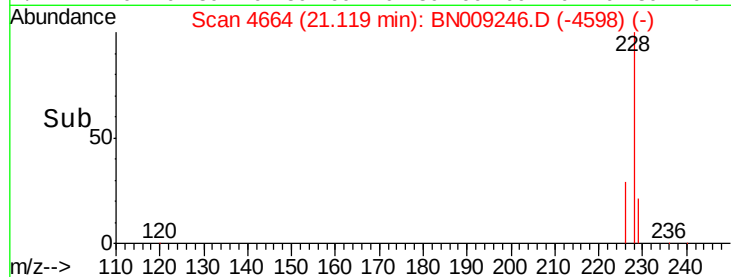
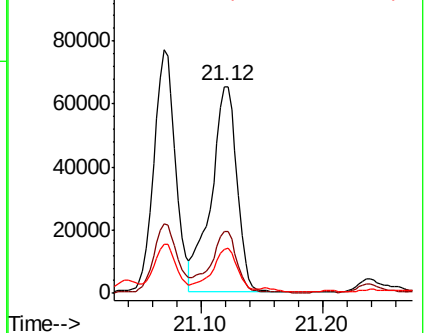
229 21.5 15.4 23.0



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: 4.522 ng/ul

RT: 22.58 min Scan# 5165

Delta R.T. -0.00 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

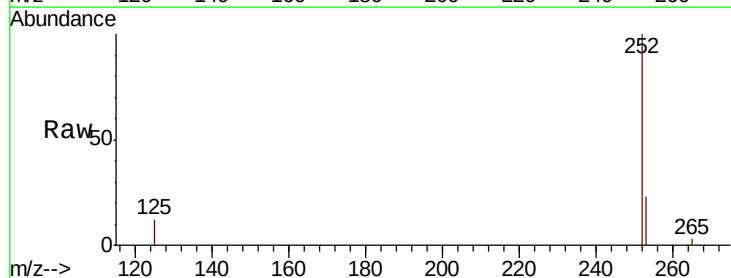
Tgt Ion:252 Resp: 168162

Ion Ratio Lower Upper

252 100

253 23.1 0.0 48.2

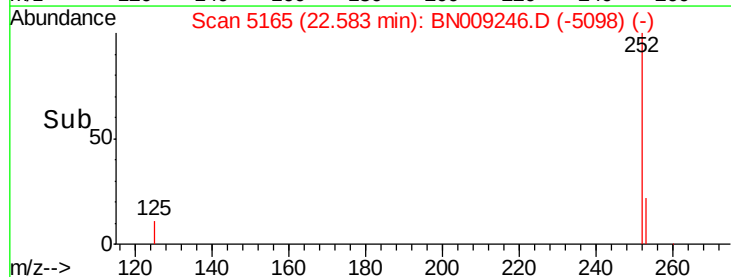
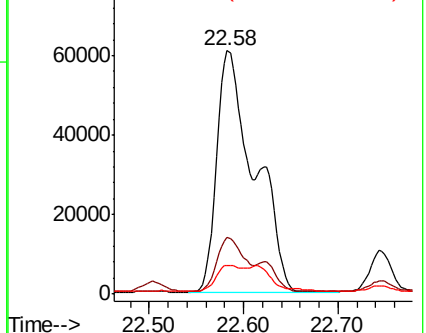
125 12.0 0.0 30.0

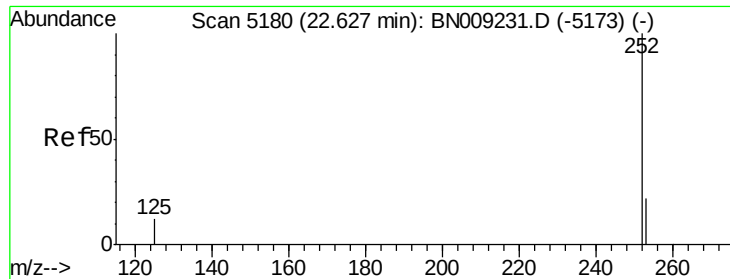


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.485 ng/ul

RT: 22.58 min Scan# 5165

Delta R.T. -0.04 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

Instrument :

BNA_N

ClientSampleId :

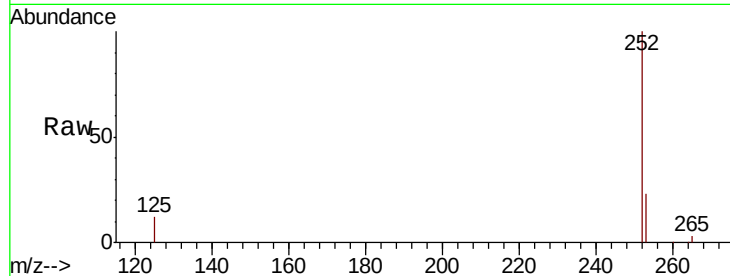
Tot Ion:252 Resp: 168162

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.0

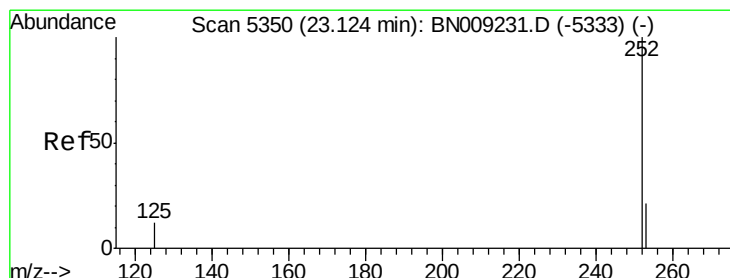
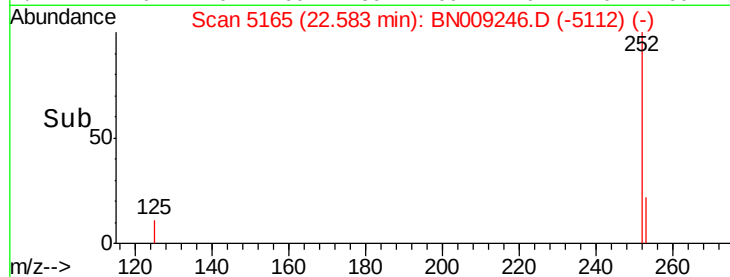
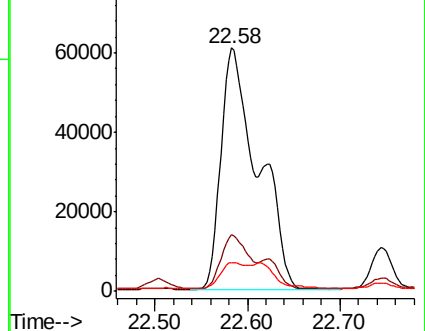
125 12.0 12.4 18.6#



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: 2.300 ng/ul

RT: 23.12 min Scan# 5348

Delta R.T. -0.01 min

Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

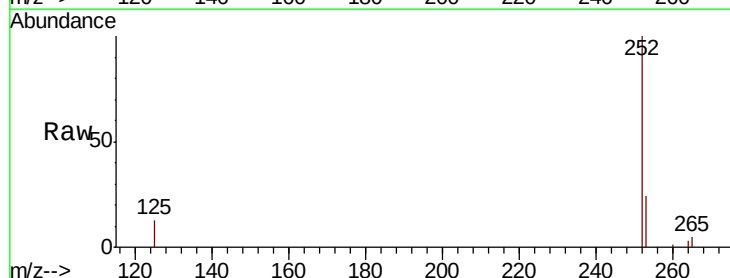
Tgt Ion:252 Resp: 74958

Ion Ratio Lower Upper

252 100

253 23.6 20.2 30.4

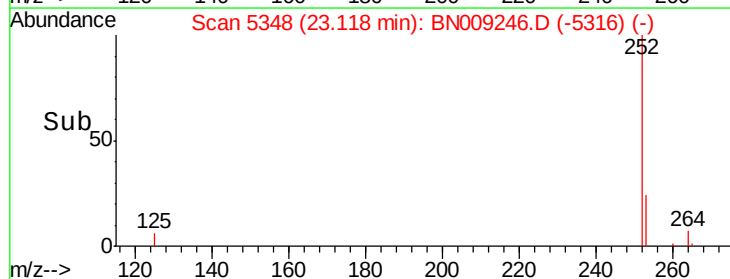
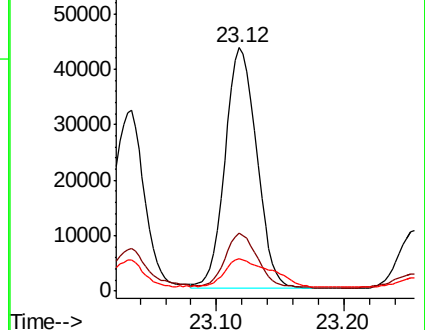
125 13.2 13.2 19.8

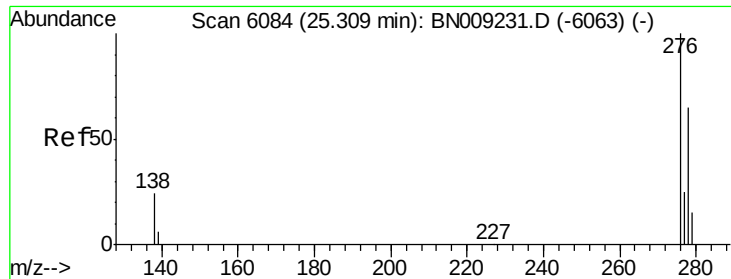


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



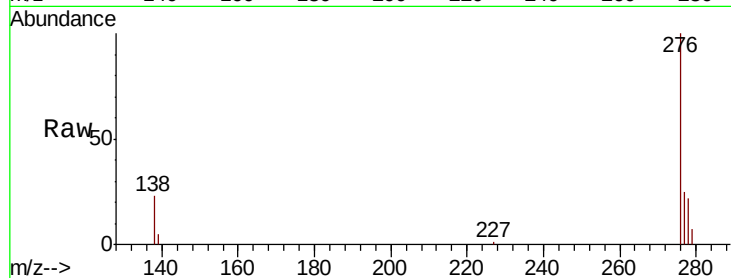


#24

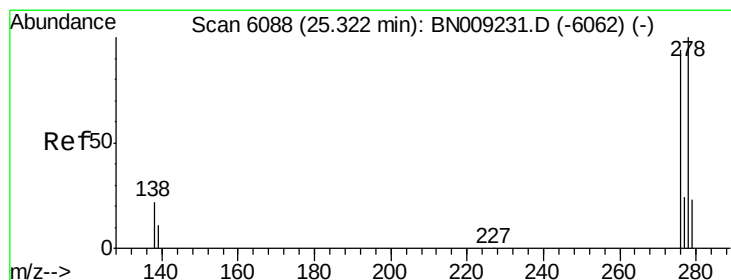
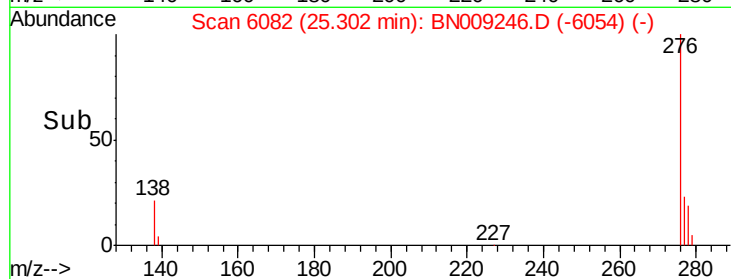
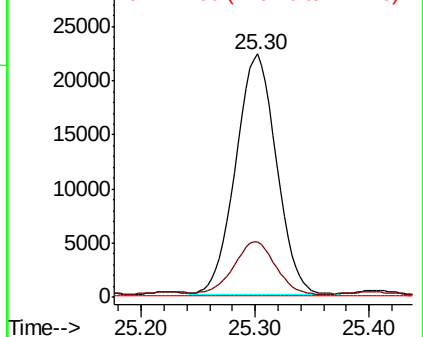
Indeno(1,2,3-cd)pyrene
Concen: 1.539 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 54629
Ion Ratio Lower Upper
276 100
138 21.9 22.4 33.6#
227 0.2 0.2 0.4#



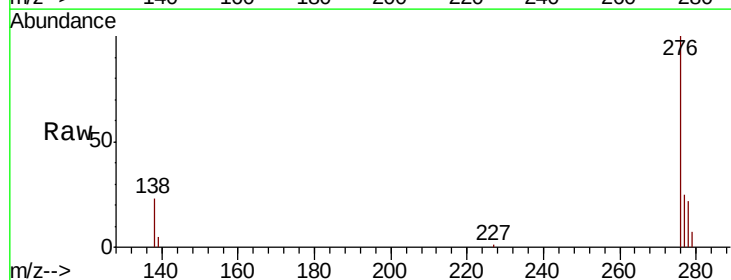
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



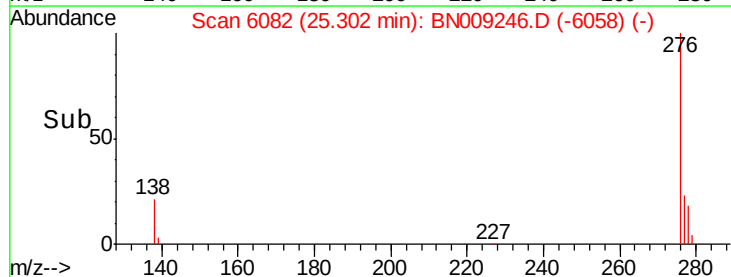
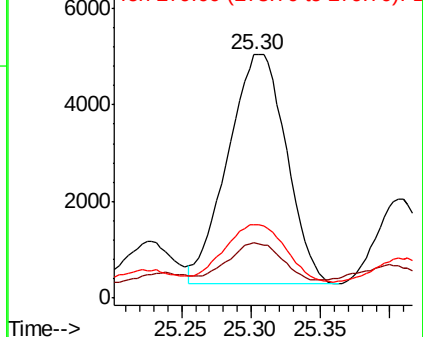
#25

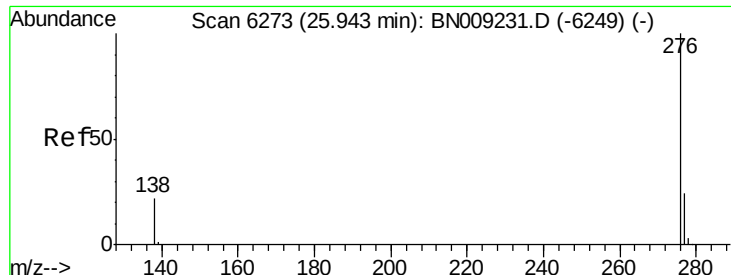
Dibenzo(a,h)anthracene
Concen: 0.492 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.02 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:278 Resp: 13904
Ion Ratio Lower Upper
278 100
139 22.7 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: 1.381 ng/ul

RT: 25.93 min Scan# 6270

Delta R.T. -0.01 min

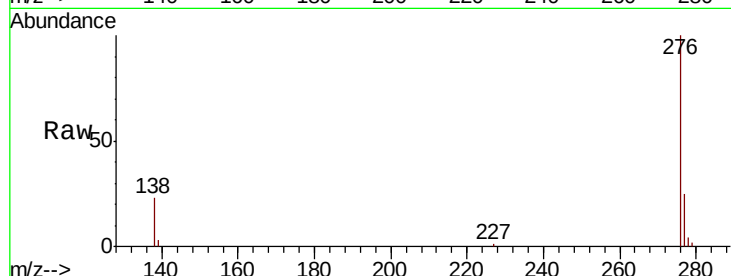
Lab File: BN009246.D

Acq: 29 Dec 2019 01:52

Instrument :

BNA_N

ClientSampleId :



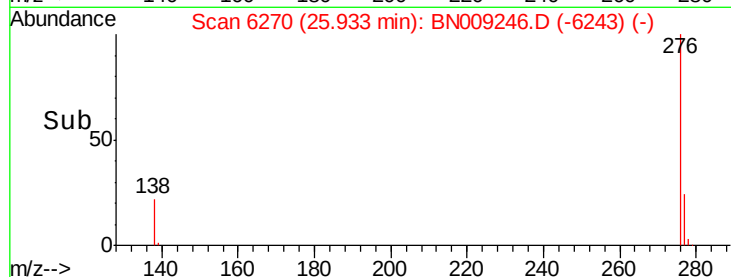
Tot Ion: 276 Resp: 41294

Ion Ratio Lower Upper

276 100

138 23.5 20.6 30.8

277 24.7 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

20000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

