

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009236.D
 Acq On : 28 Dec 2019 19:53
 Operator : JU
 Sample : K6278-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 29 04:43:47 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 : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

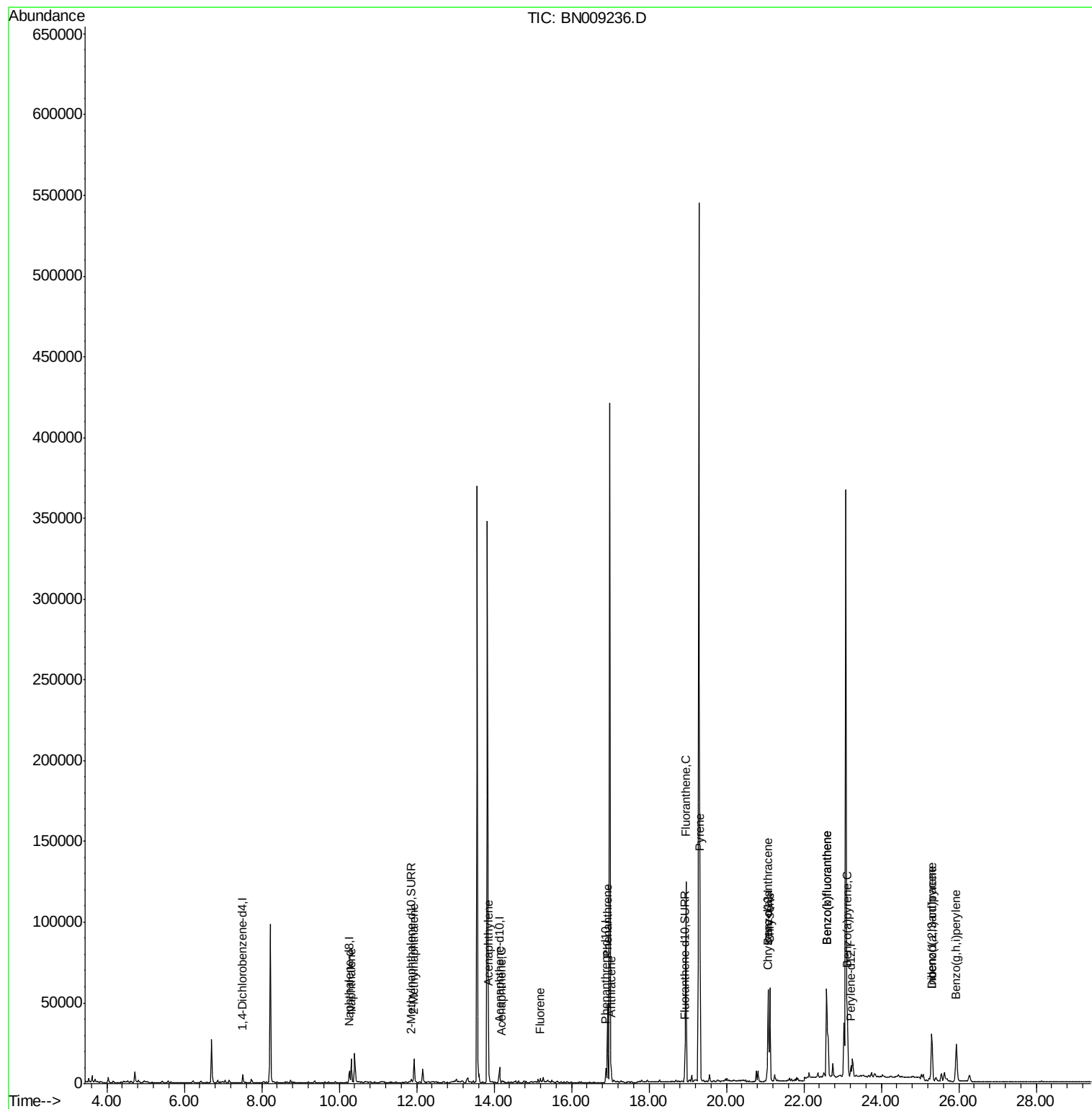
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2247	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4715	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9602	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7693	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7671	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2966	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	6180	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	17010	0.678	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	10591	0.558	ng/ul	100
7) Acenaphthylene	13.86	152	8058	0.325	ng/ul#	74
8) Acenaphthene	14.20	153	984	0.051	ng/ul	94
9) Fluorene	15.19	166	1521	0.066	ng/ul#	92
12) Phenanthrene	16.93	178	50122	1.501	ng/ul	100
13) Anthracene	17.02	178	9229	0.308	ng/ul	98
15) Fluoranthene	18.95	202	106147	2.780	ng/ul	99
17) Pyrene	19.32	202	89820	2.289	ng/ul	98
18) Benzo(a)anthracene	21.07	228	46359	1.357	ng/ul	97
19) Chrysene	21.12	228	57969	1.689	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	110100	3.074	ng/ul	97
22) Benzo(k)fluoranthene	22.59	252	110100	3.048	ng/ul	96
23) Benzo(a)pyrene	23.12	252	48855	1.556	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	42676	1.248	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	9730	0.358	ng/ul#	89
26) Benzo(a,h,i)perylene	25.94	276	42652	1.481	ng/ul	98

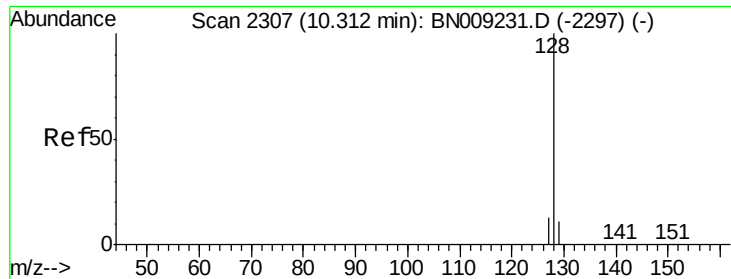
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009236.D
Acq On : 28 Dec 2019 19:53
Operator : JU
Sample : K6278-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 04:43:47 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 : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.678 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

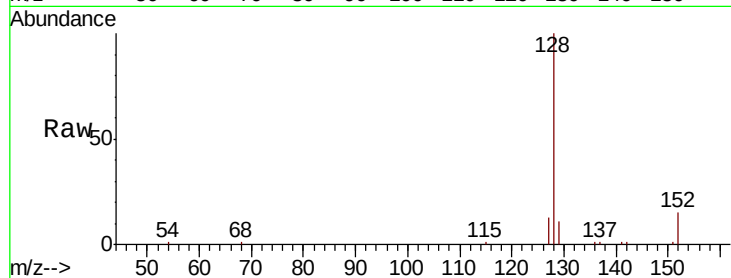
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 17010

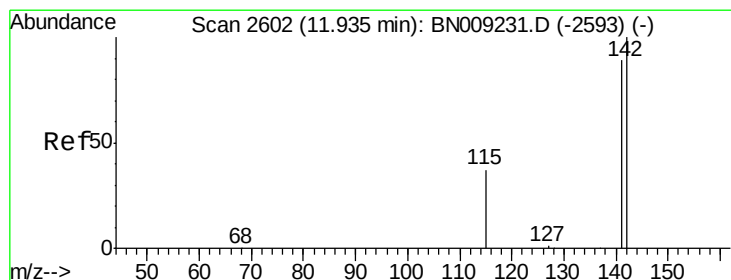
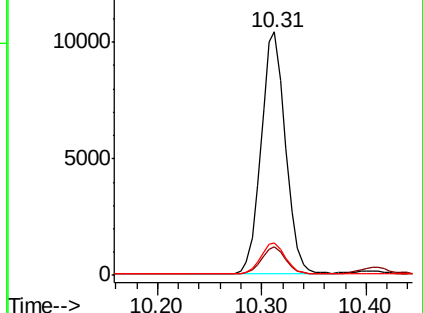
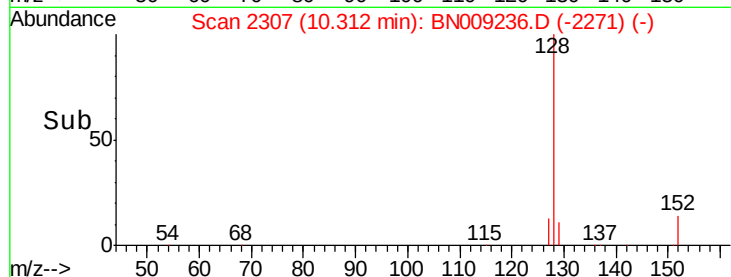
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	10.9	16.3



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: 0.558 ng/ul

RT: 11.93 min Scan# 2602

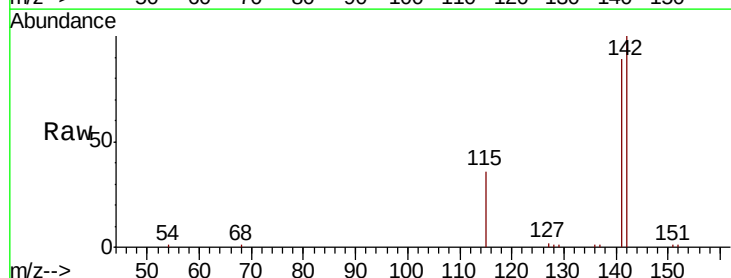
Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

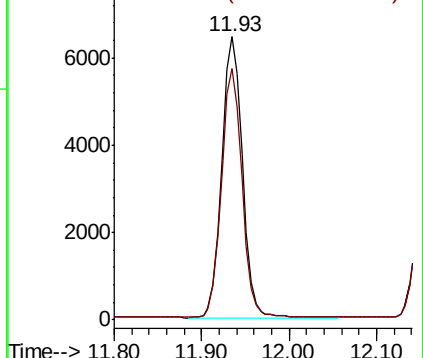
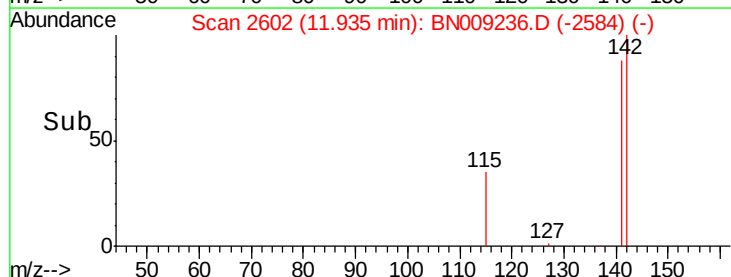
Tgt Ion:142 Resp: 10591

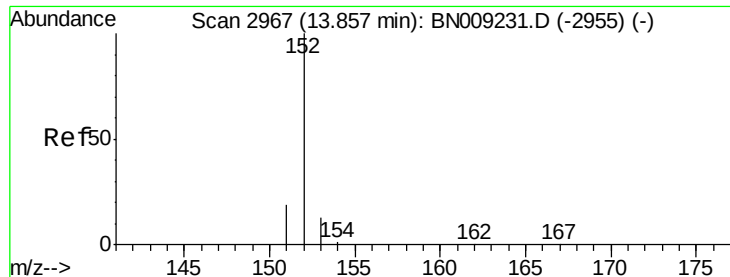
Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.325 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

ClientSampleId :

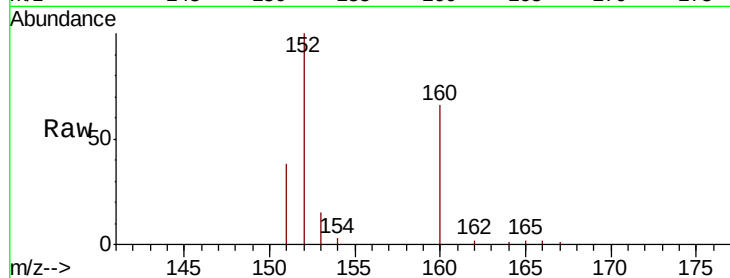
Tot Ion:152 Resp: 8058

Ion Ratio Lower Upper

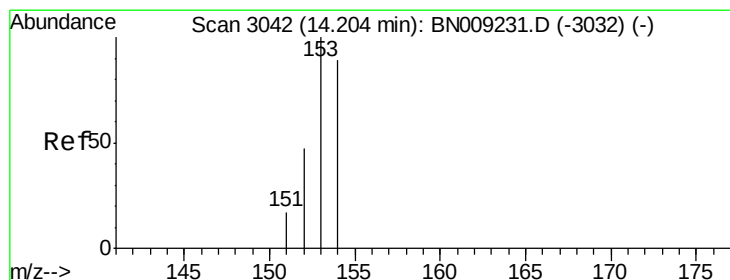
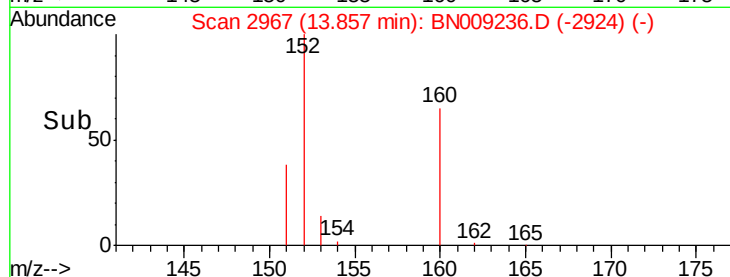
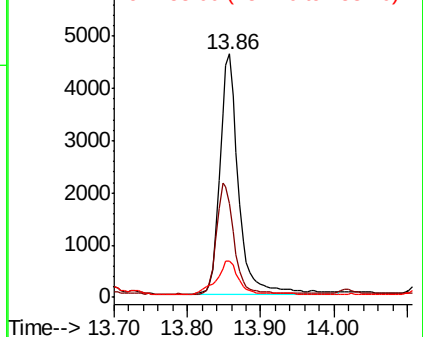
152 100

151 38.4 15.7 23.5#

153 14.8 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: 0.051 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

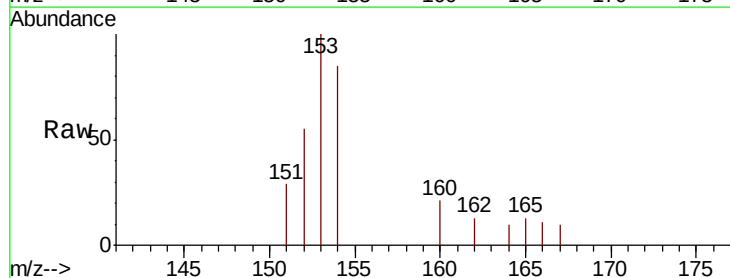
Tgt Ion:153 Resp: 984

Ion Ratio Lower Upper

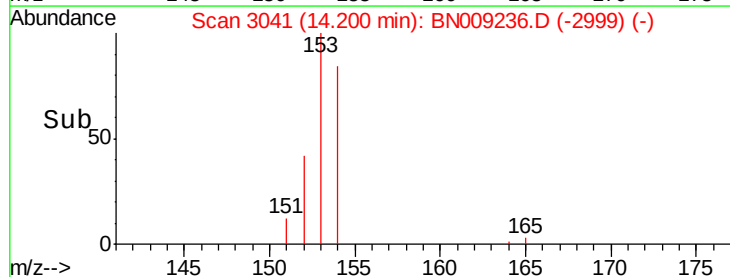
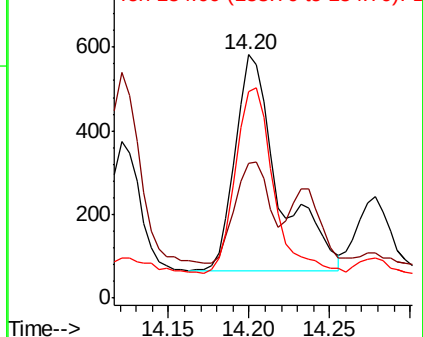
153 100

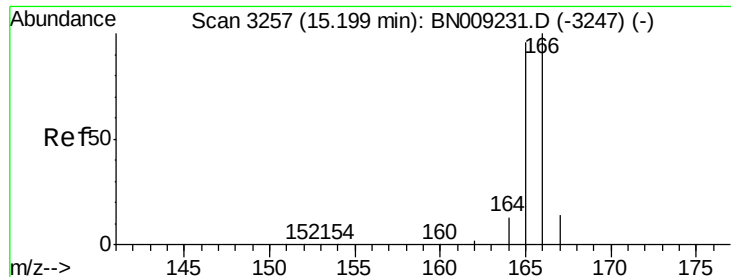
152 55.3 39.5 59.3

154 84.7 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

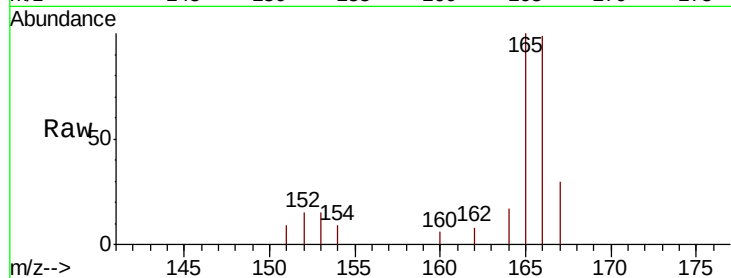




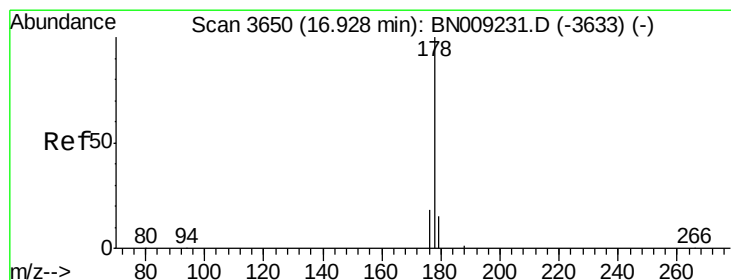
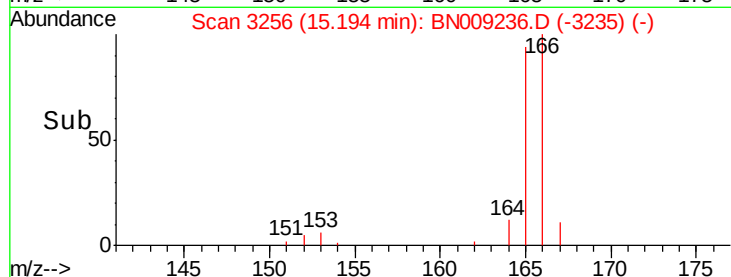
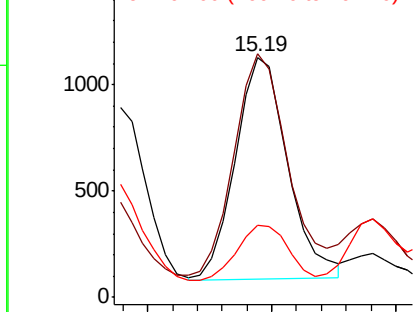
#9
Fluorene
 Concen: 0.066 ng/ul
 RT: 15.19 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 1521
 Ion Ratio Lower Upper
 166 100
 165 101.4 78.2 117.4
 167 29.9 11.0 16.6#

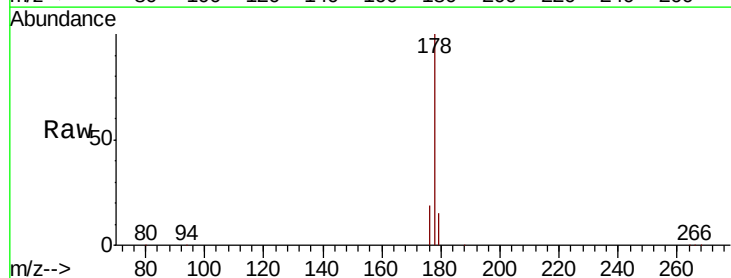


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

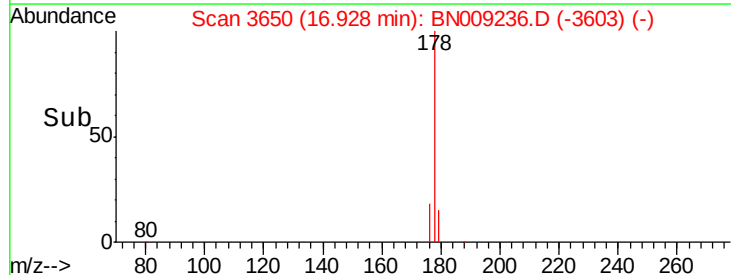
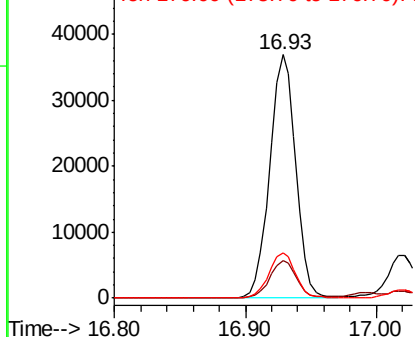


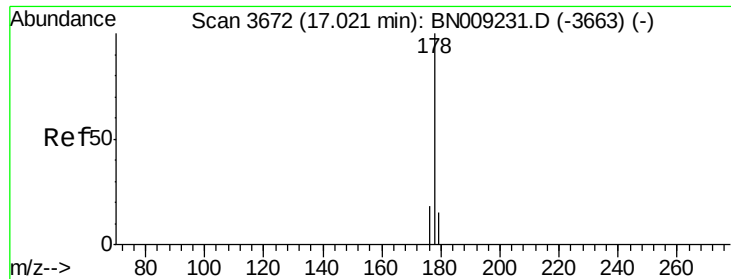
#12
Phenanthrene
 Concen: 1.501 ng/ul
 RT: 16.93 min Scan# 3650
 Delta R.T. 0.00 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Tgt Ion:178 Resp: 50122
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 18.7 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: 0.308 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

ClientSampleId :

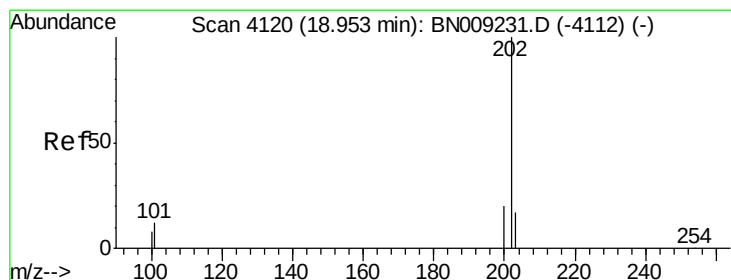
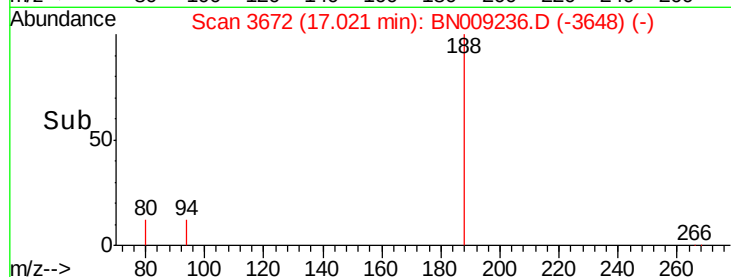
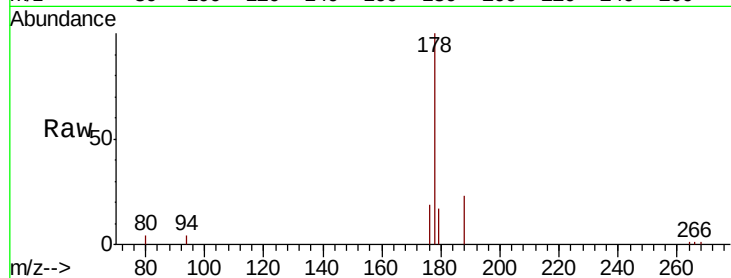
Tot Ion:178 Resp: 9229

Ion Ratio Lower Upper

178 100

179 17.1 12.5 18.7

176 18.8 14.9 22.3



#15

Fluoranthene

Concen: 2.780 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

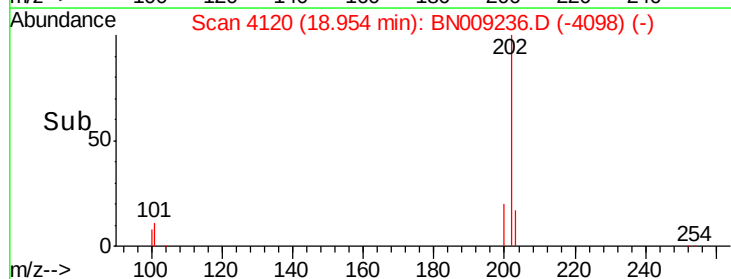
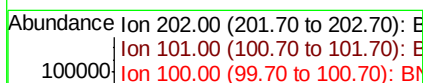
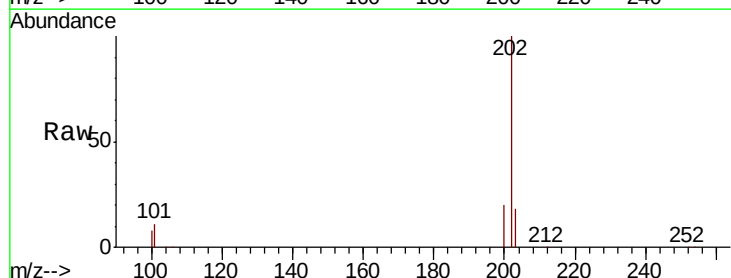
Tgt Ion:202 Resp: 106147

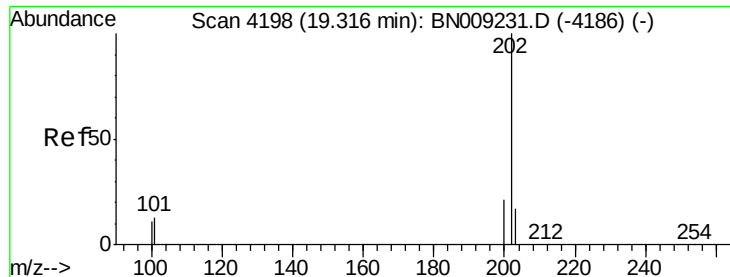
Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

100 8.3 0.0 28.9

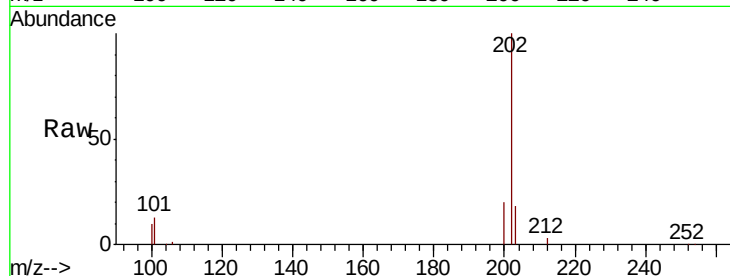




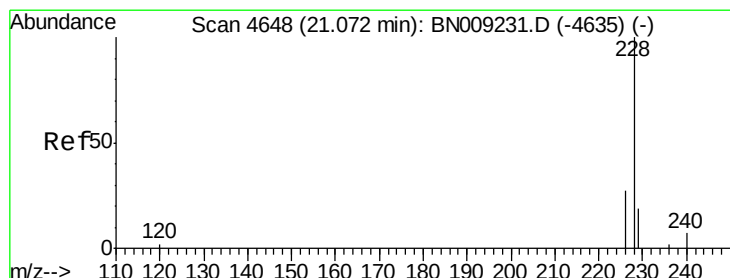
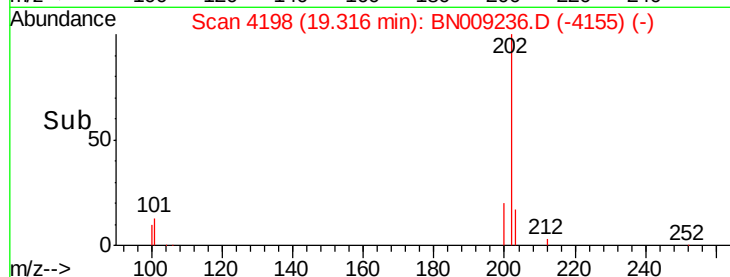
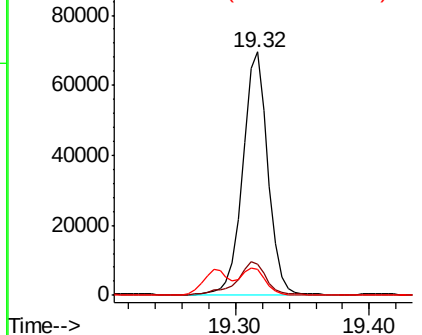
#17
 Pvrene
 Concen: 2.289 ng/ul
 RT: 19.32 min Scan# 4198
 Delta R.T. 0.00 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.4	9.0	13.6

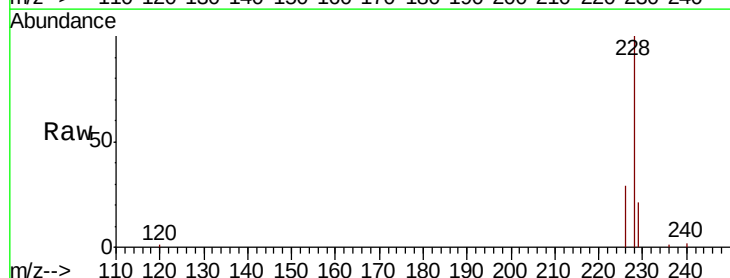


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

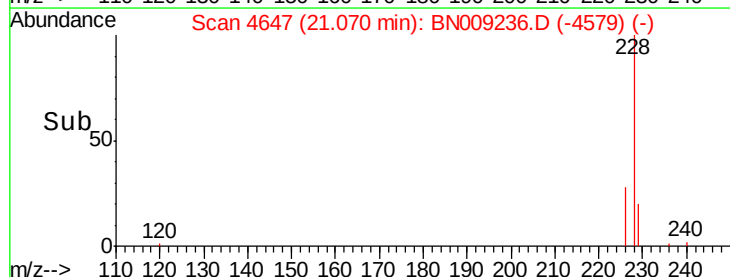
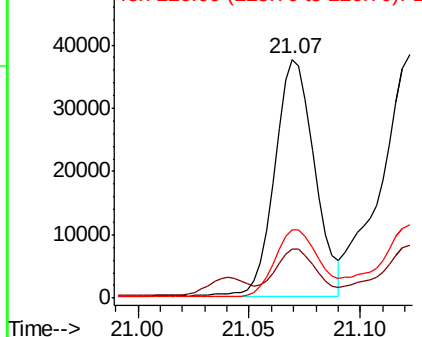


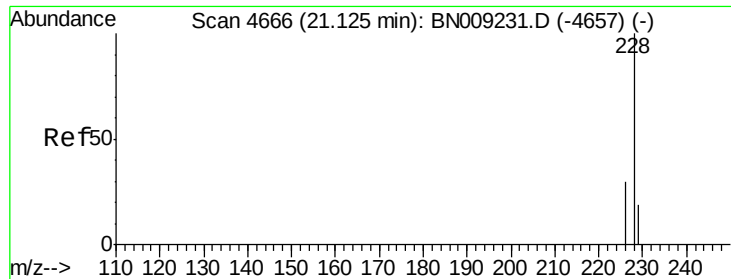
#18
 Benzo(a)anthracene
 Concen: 1.357 ng/ul
 RT: 21.07 min Scan# 4647
 Delta R.T. -0.00 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	28.7	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: 1.689 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

ClientSampled :

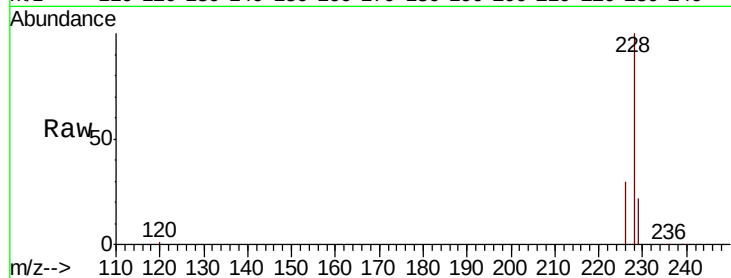
Tot Ion:228 Resp: 57969

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 21.9 15.4 23.0

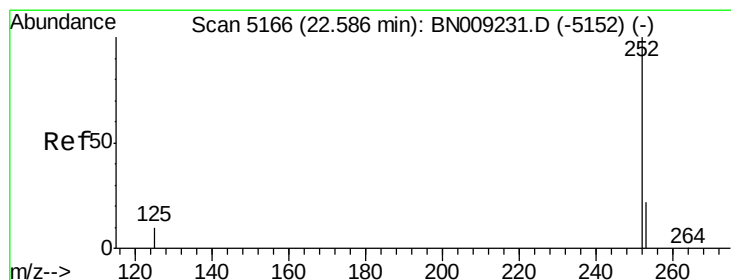
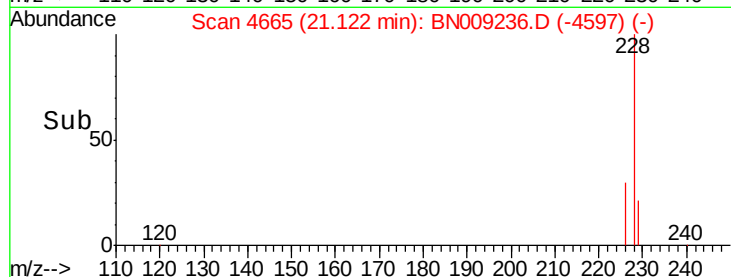
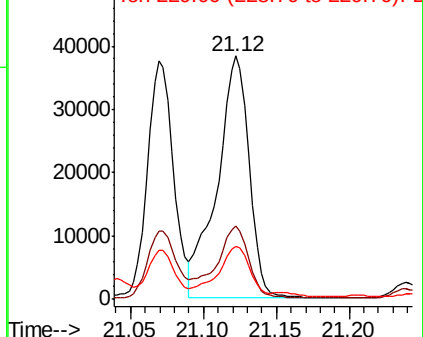


Abundance

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: 3.074 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

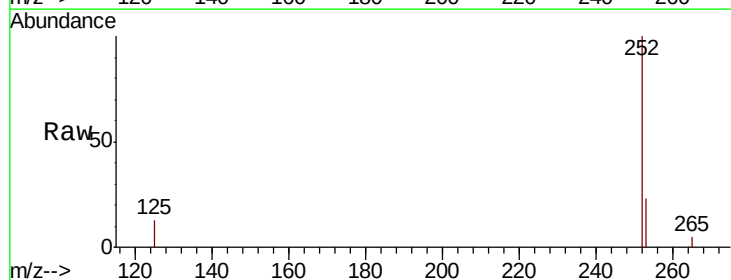
Tgt Ion:252 Resp: 110100

Ion Ratio Lower Upper

252 100

253 23.2 0.0 48.2

125 12.6 0.0 30.0

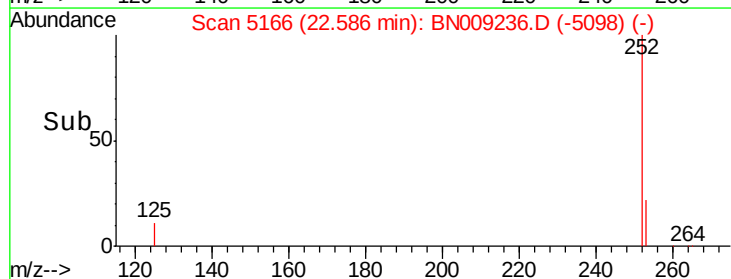
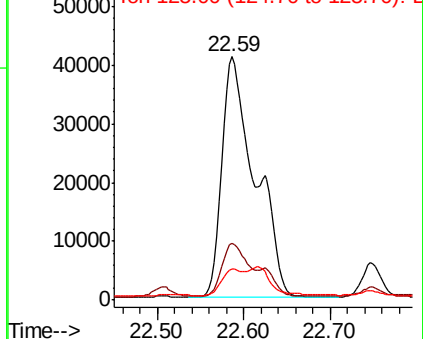


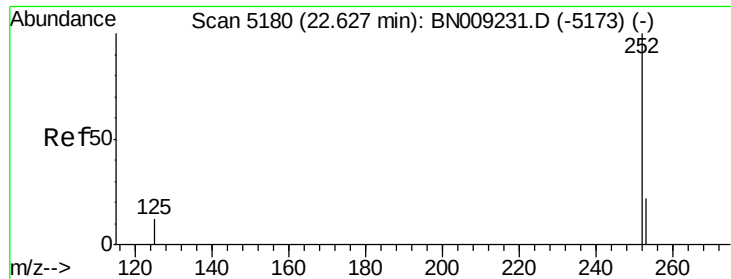
Abundance

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: 3.048 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. -0.04 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

ClientSampleId :

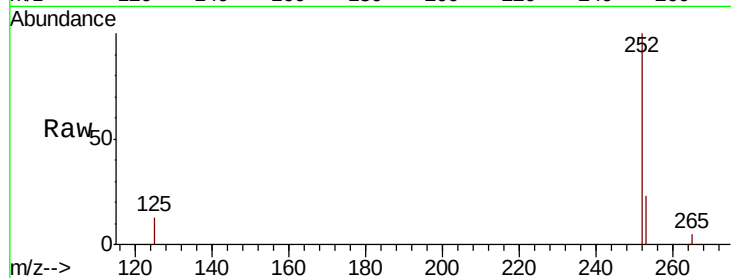
Tot Ion:252 Resp: 110100

Ion Ratio Lower Upper

252 100

253 23.2 19.4 29.0

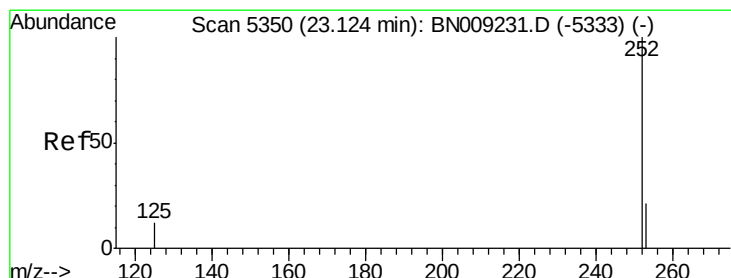
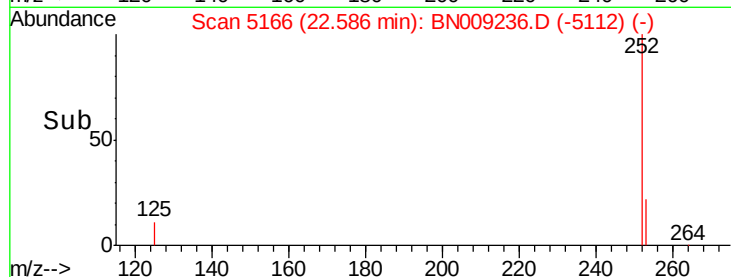
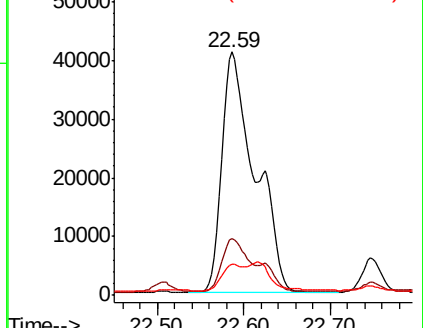
125 12.6 12.4 18.6



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: 1.556 ng/ul

RT: 23.12 min Scan# 5349

Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

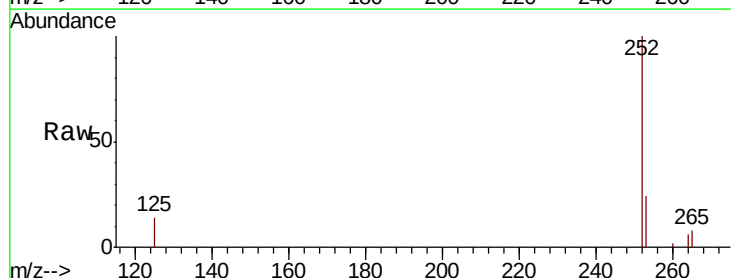
Tgt Ion:252 Resp: 48855

Ion Ratio Lower Upper

252 100

253 24.4 20.2 30.4

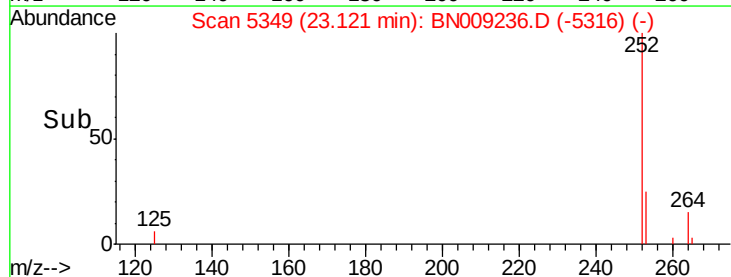
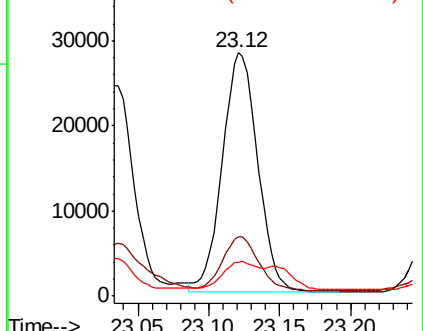
125 14.1 13.2 19.8

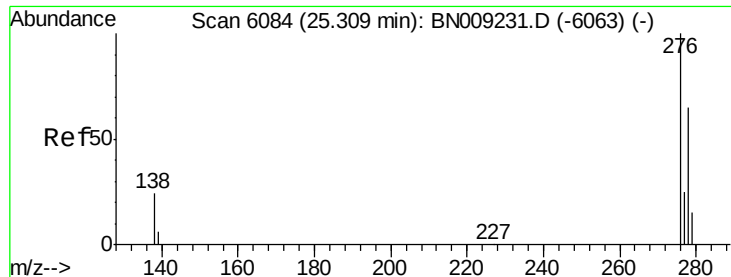


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.248 ng/ul

RT: 25.30 min Scan# 6081

Delta R.T. -0.01 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

ClientSampleId :

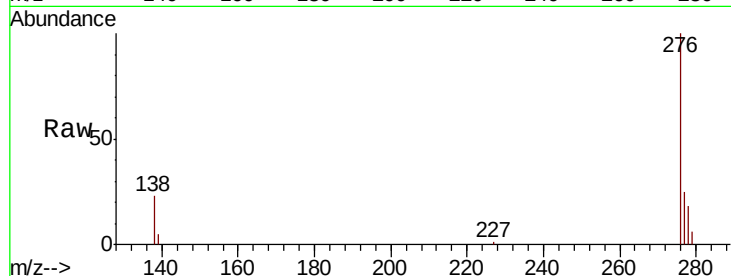
Tot Ion:276 Resp: 42676

Ion Ratio Lower Upper

276 100

138 21.9 22.4 33.6#

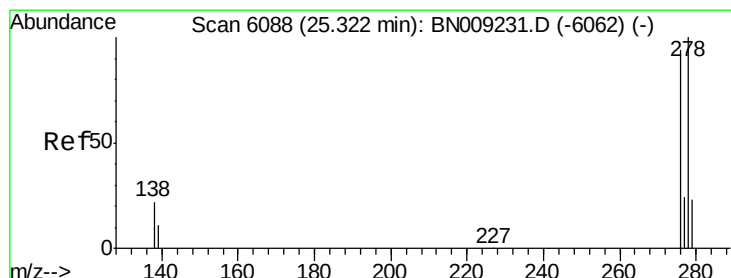
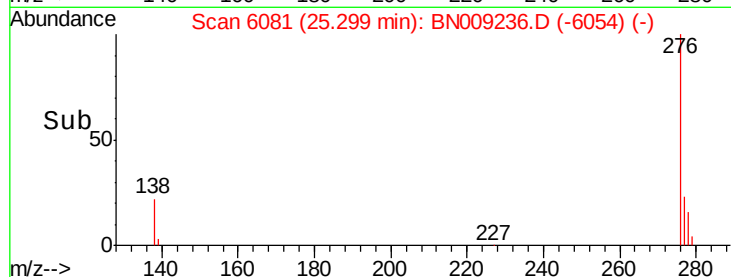
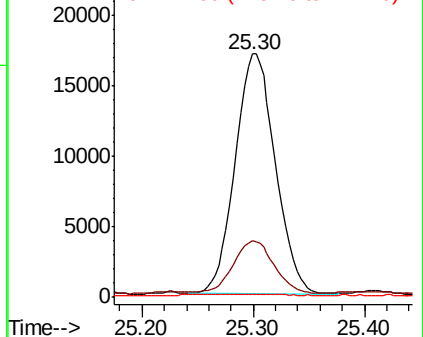
227 0.2 0.2 0.4#



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: 0.358 ng/ul

RT: 25.31 min Scan# 6084

Delta R.T. -0.01 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

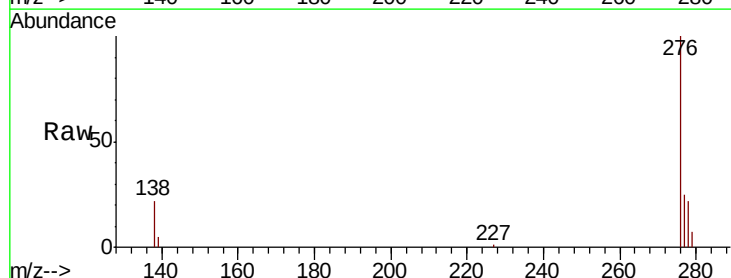
Tgt Ion:278 Resp: 9730

Ion Ratio Lower Upper

278 100

139 23.7 16.2 24.2

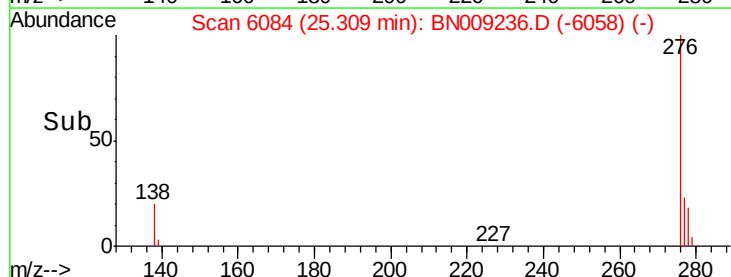
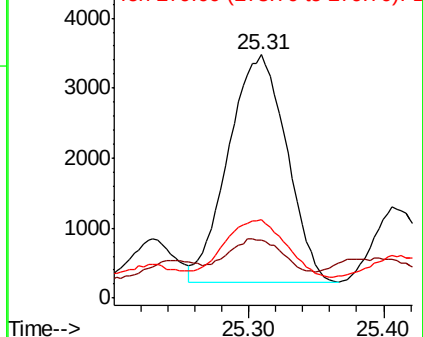
279 32.2 20.3 30.5#

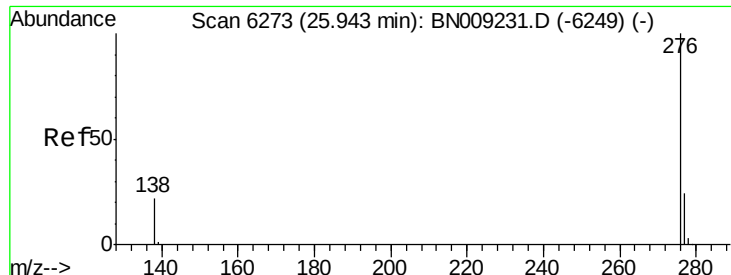


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.481 ng/ul

RT: 25.94 min Scan# 6271

Delta R.T. -0.01 min

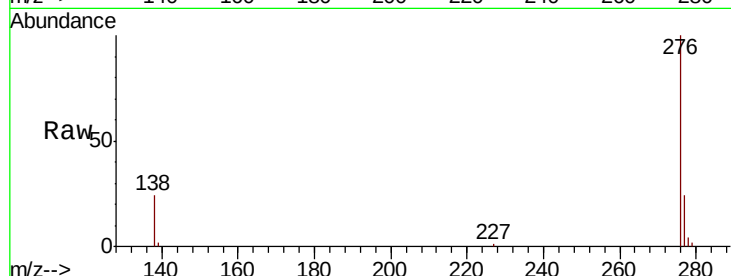
Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 42652

Ion Ratio Lower Upper

276 100

138 23.8 20.6 30.8

277 24.1 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

