

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
 Data File : BN008884.D
 Acq On : 07 Dec 2019 11:28
 Operator : JU
 Sample : K6007-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 09 00:12:46 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 : Fri Dec 06 12:03:45 2019
 Response via : Initial Calibration

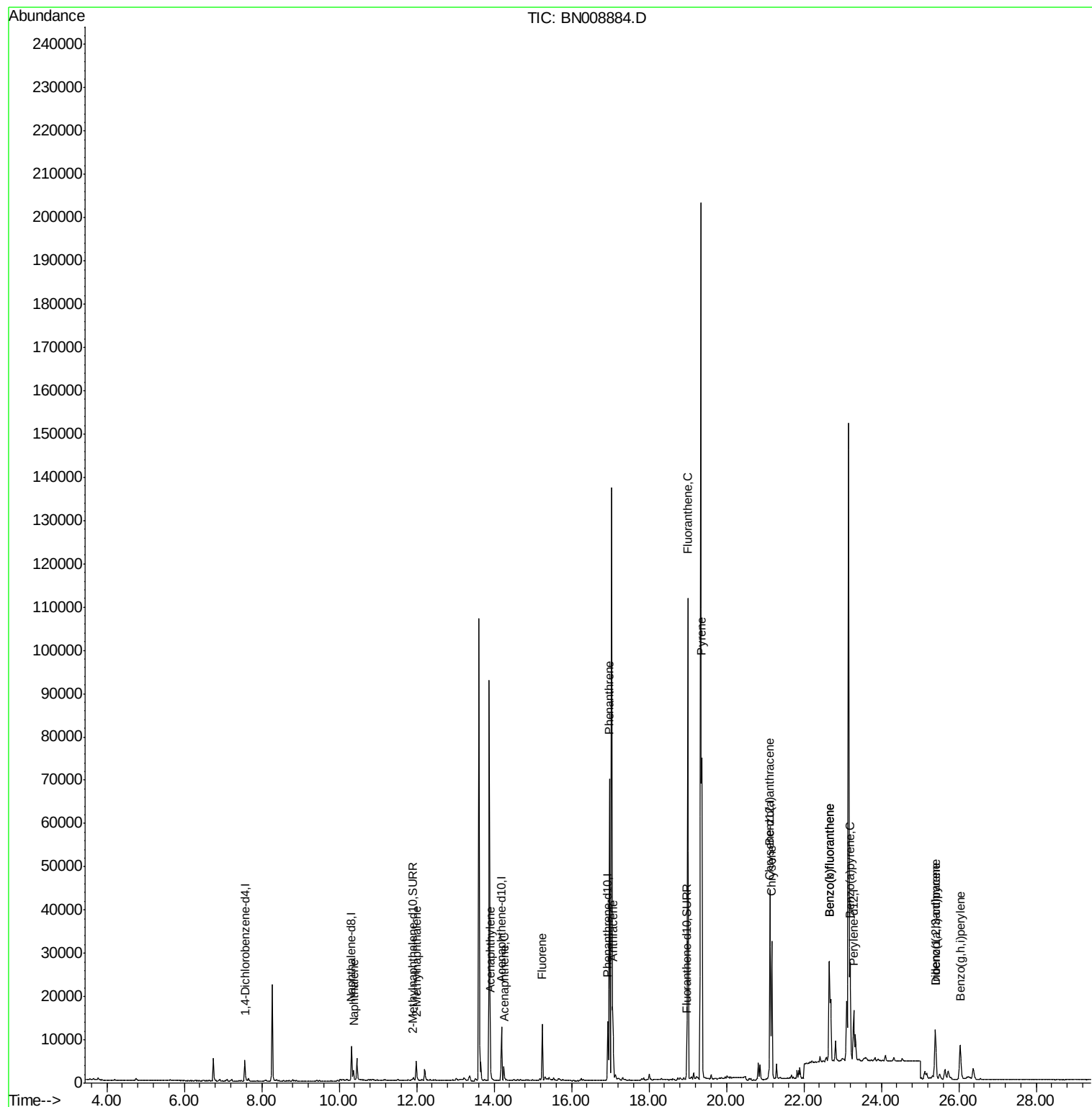
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2320	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6468	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	14791	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	13074	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14160	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	770	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	2130	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	2852	0.096	ng/ul#	94
5) 2-Methylnaphthalene	11.99	142	3224	0.155	ng/ul	99
7) Acenaphthylene	13.91	152	2898	0.081	ng/ul#	94
8) Acenaphthene	14.25	153	1994	0.075	ng/ul	97
9) Fluorene	15.24	166	8187	0.263	ng/ul	98
12) Phenanthrene	16.97	178	71923	1.442	ng/ul	99
13) Anthracene	17.07	178	15902	0.337	ng/ul	99
15) Fluoranthene	19.00	202	88953	1.451	ng/ul	100
17) Pyrene	19.36	202	71496	1.363	ng/ul	98
18) Benzo(a)anthracene	21.12	228	32919	0.626	ng/ul	98
19) Chrysene	21.17	228	29848	0.578	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	50707	0.868	ng/ul	99
22) Benzo(k)fluoranthene	22.65	252	50707	0.876	ng/ul	98
23) Benzo(a)pyrene	23.19	252	27791	0.507	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.40	276	16533	0.258	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.40	278	4025	0.078	ng/ul#	78
26) Benzo(a,h,i)perylene	26.03	276	15145	0.282	ng/ul	99

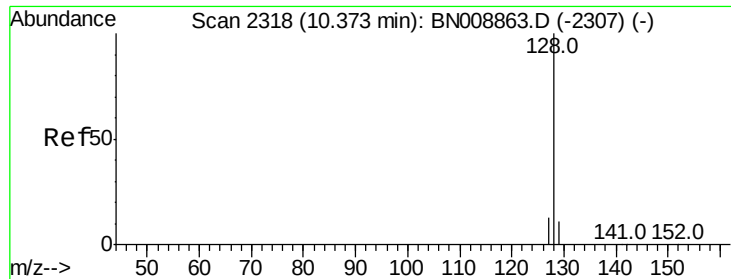
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
Data File : BN008884.D
Acq On : 07 Dec 2019 11:28
Operator : JU
Sample : K6007-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 09 00:12:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.096 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

ClientSampleId :

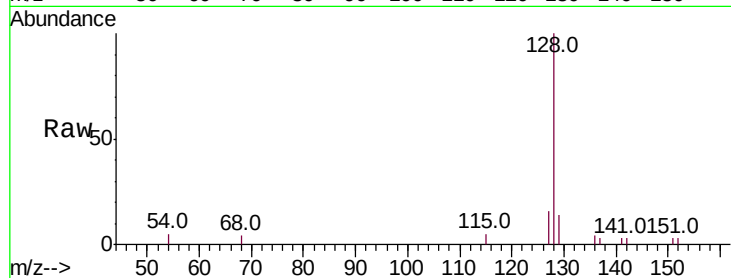
Tot Ion:128 Resp: 2852

Ion Ratio Lower Upper

128 100

129 14.0 9.1 13.7#

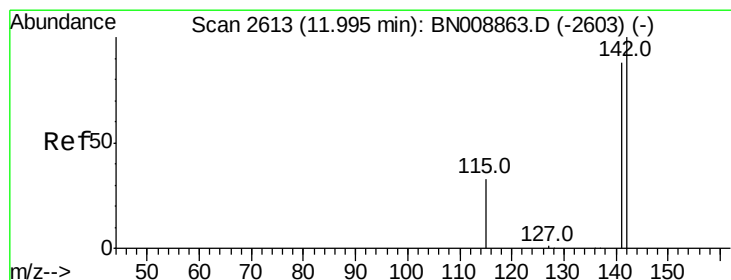
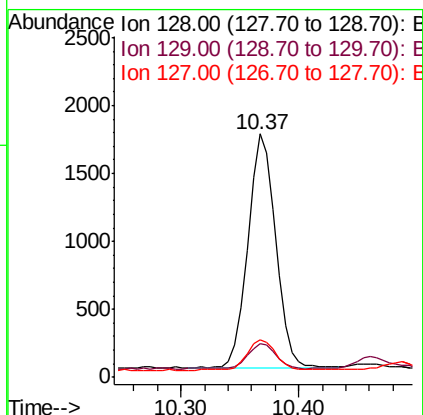
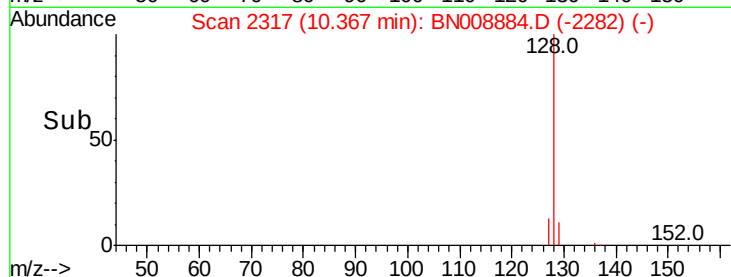
127 15.5 10.7 16.1



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: 0.155 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008884.D

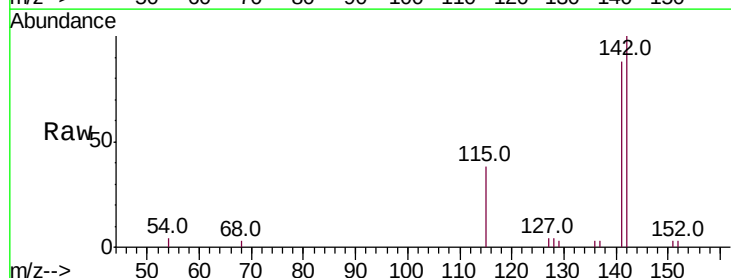
Acq: 07 Dec 2019 11:28

Tgt Ion:142 Resp: 3224

Ion Ratio Lower Upper

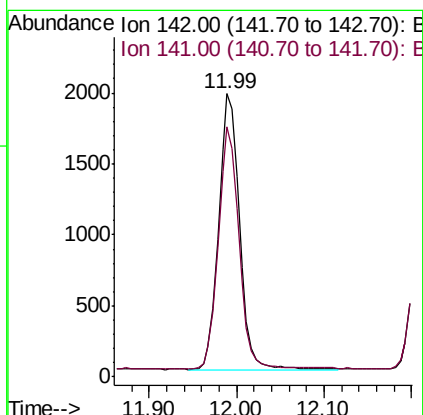
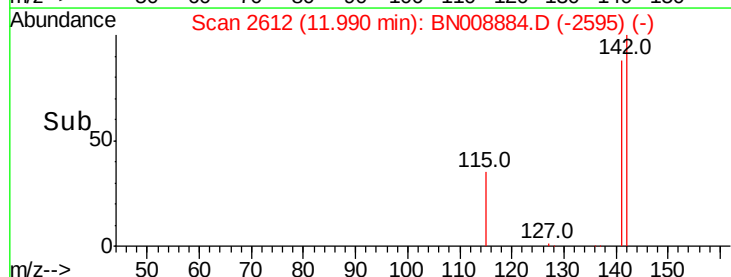
142 100

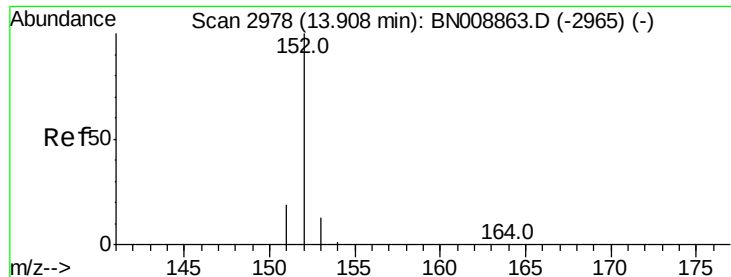
141 86.5 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

ClientSampleId :

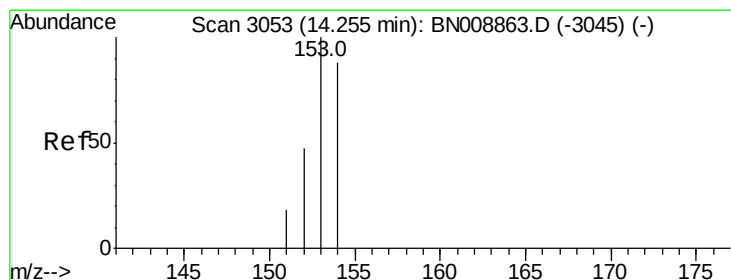
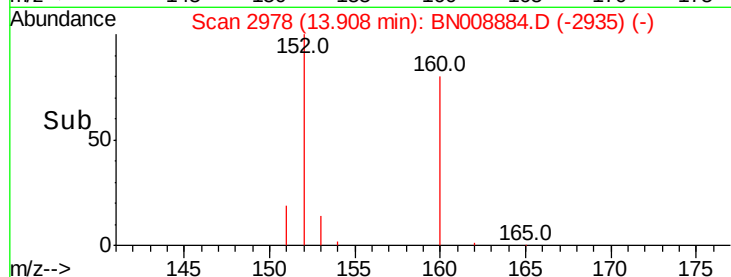
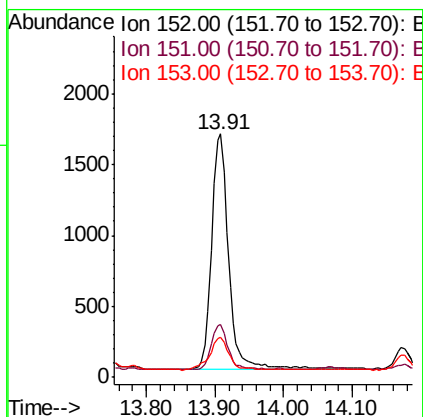
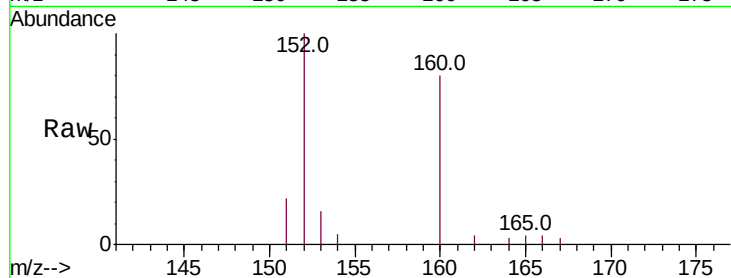
Tot Ion:152 Resp: 2898

Ion Ratio Lower Upper

152 100

151 21.9 15.8 23.6

153 16.5 10.6 15.8#



#8

Acenaphthene

Concen: 0.075 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

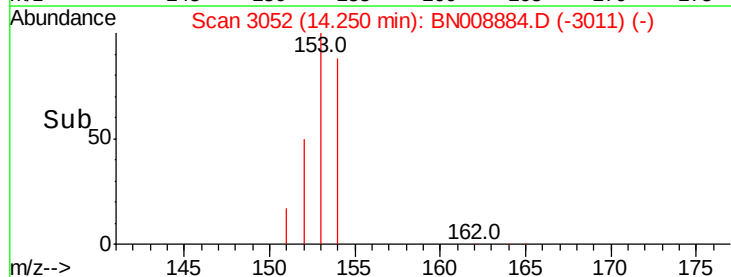
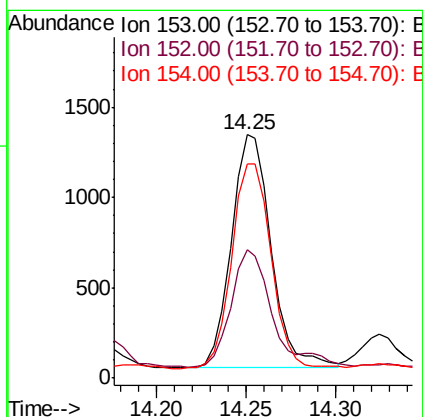
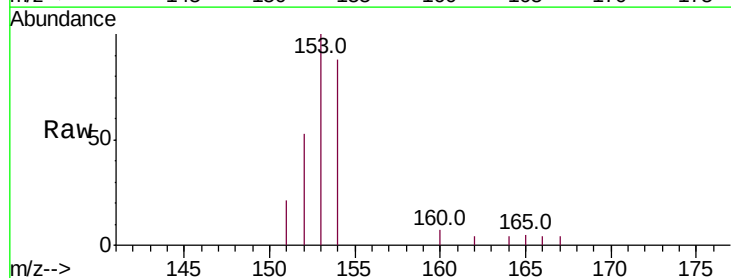
Tgt Ion:153 Resp: 1994

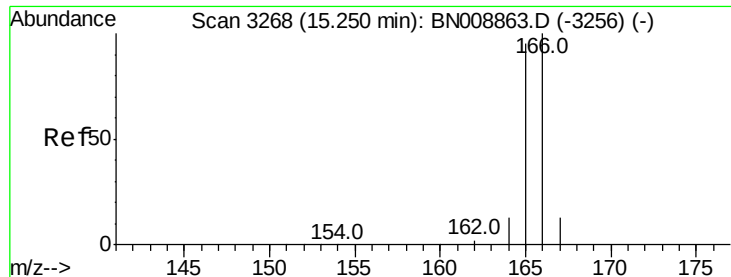
Ion Ratio Lower Upper

153 100

152 53.0 38.6 58.0

154 88.0 70.6 105.8





#9

Fluorene

Concen: 0.263 ng/ul

RT: 15.24 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

ClientSampleId :

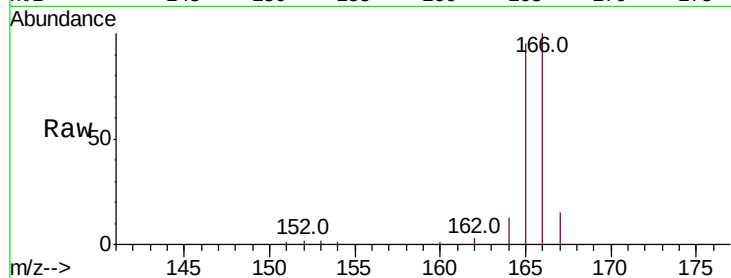
Tot Ion:166 Resp: 8187

Ion Ratio Lower Upper

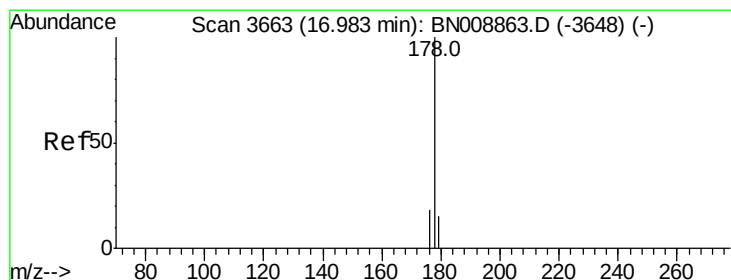
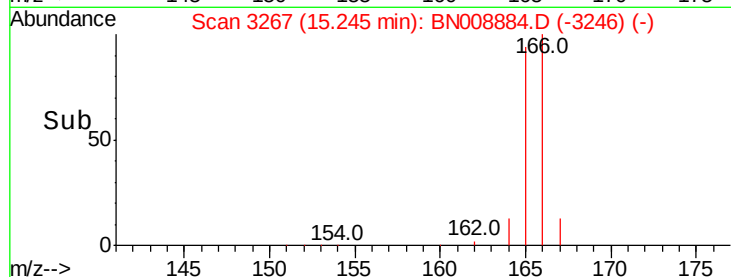
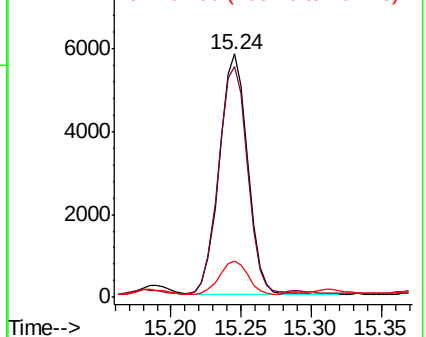
166 100

165 94.7 77.7 116.5

167 14.6 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: 1.442 ng/ul

RT: 16.97 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

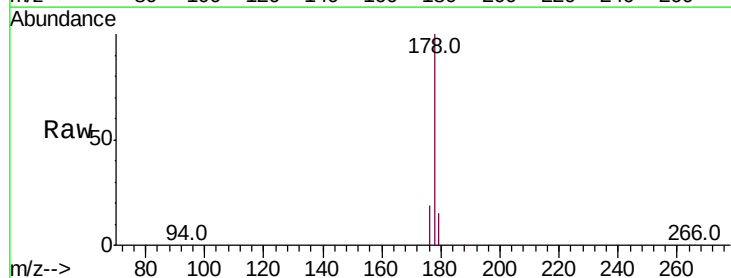
Tgt Ion:178 Resp: 71923

Ion Ratio Lower Upper

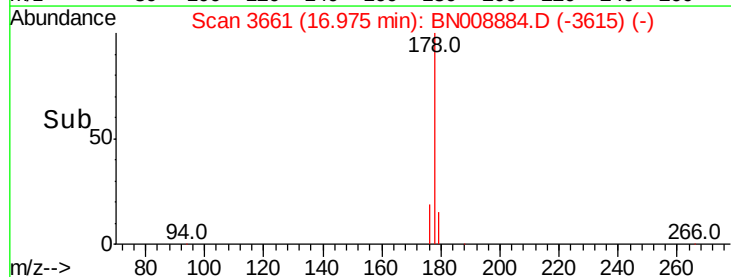
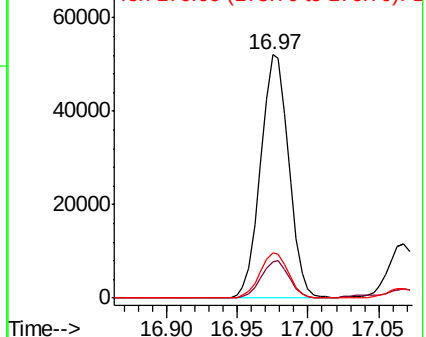
178 100

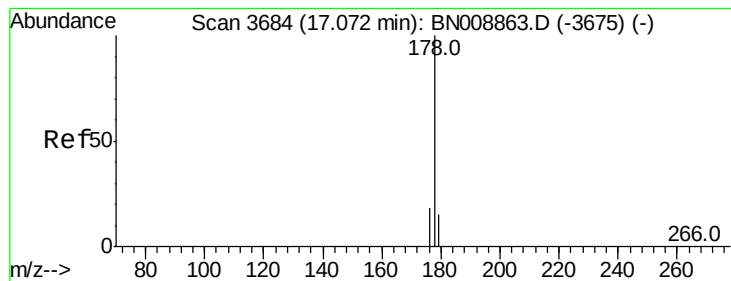
179 15.1 12.6 18.8

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: 0.337 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

ClientSampleId :

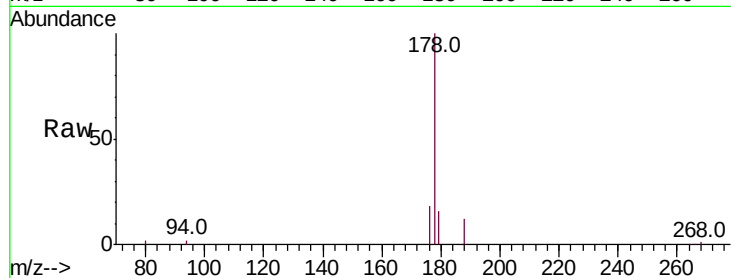
Tot Ion:178 Resp: 15902

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

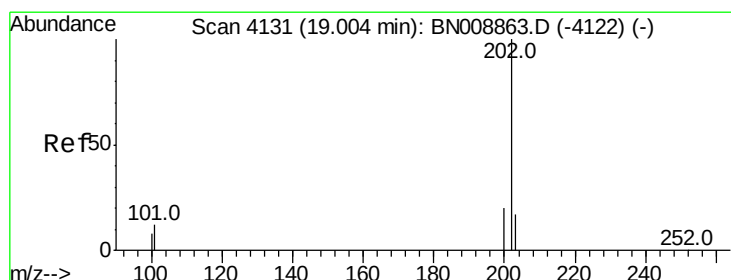
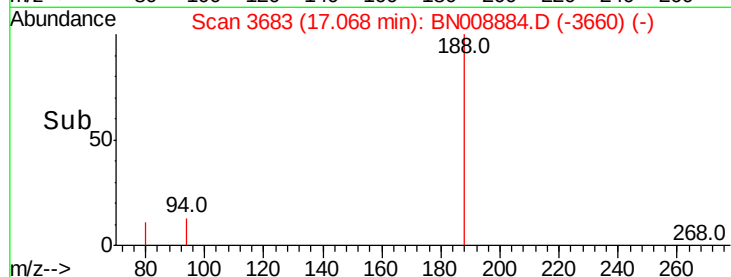
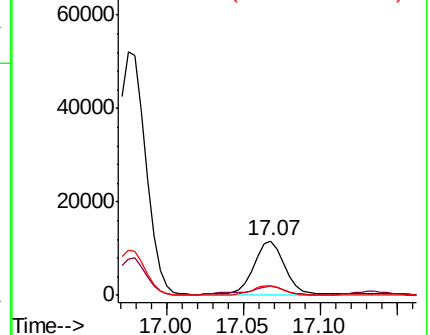
176 18.3 14.7 22.1



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: 1.451 ng/ul

RT: 19.00 min Scan# 4130

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

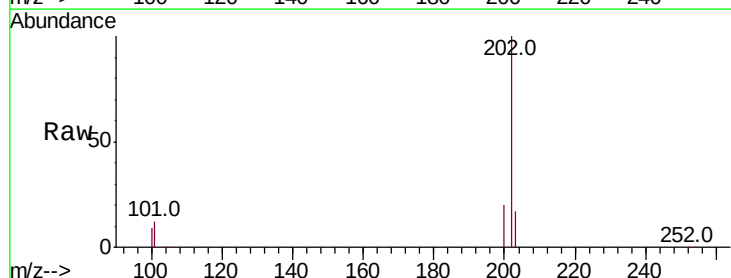
Tgt Ion:202 Resp: 88953

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.4

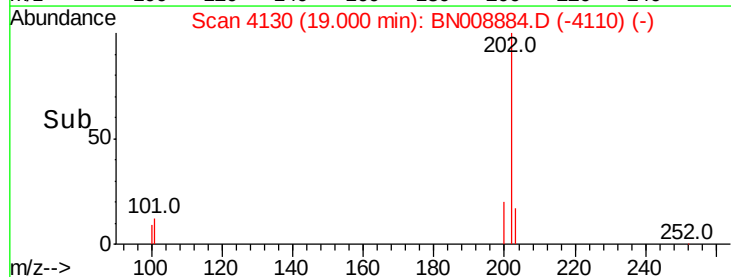
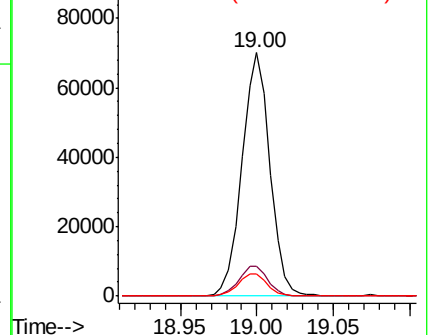
100 9.3 0.0 29.2

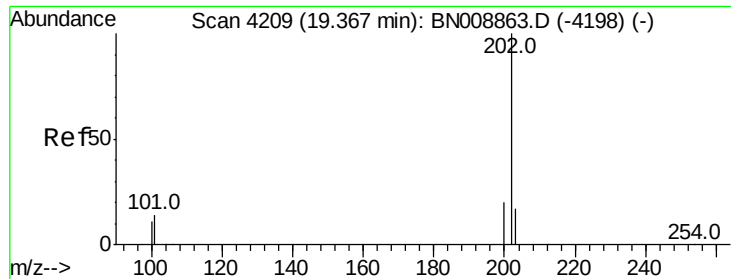


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

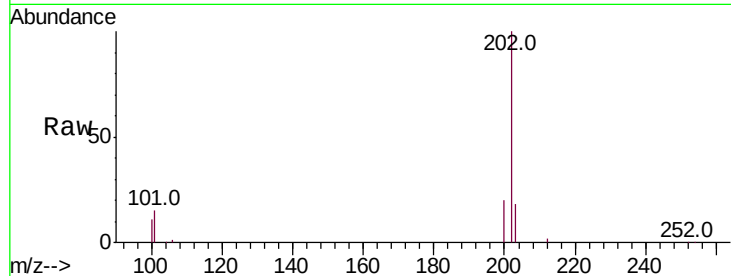




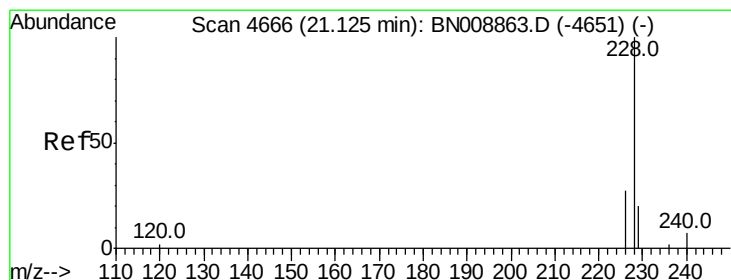
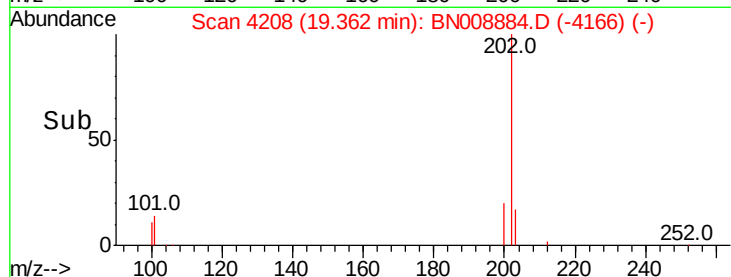
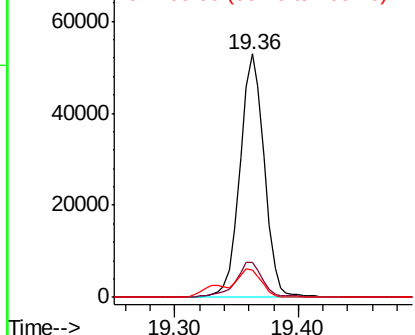
#17
Pvrene
Concen: 1.363 ng/ul
RT: 19.36 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 71496
Ion Ratio Lower Upper
202 100
101 14.5 12.2 18.4
100 11.4 9.5 14.3

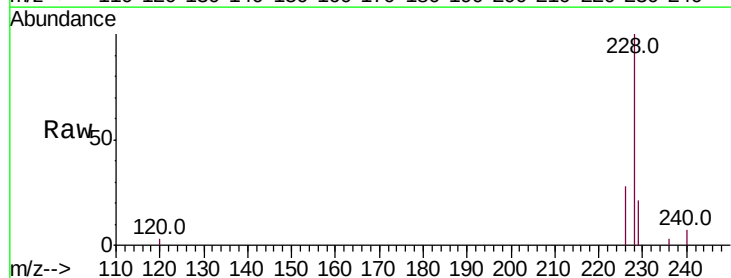


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

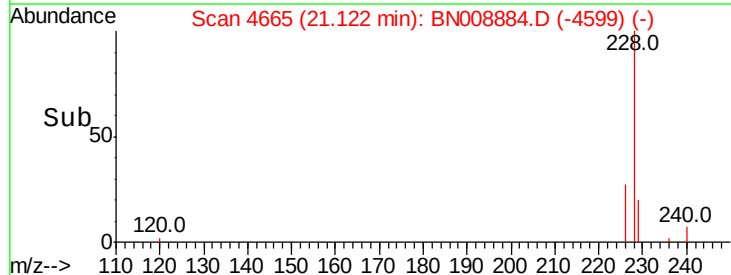
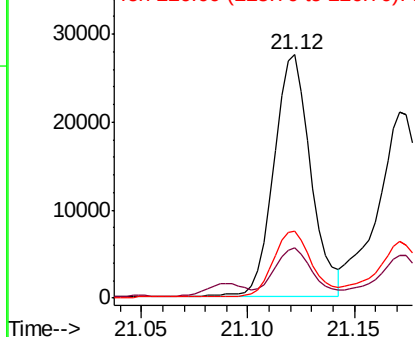


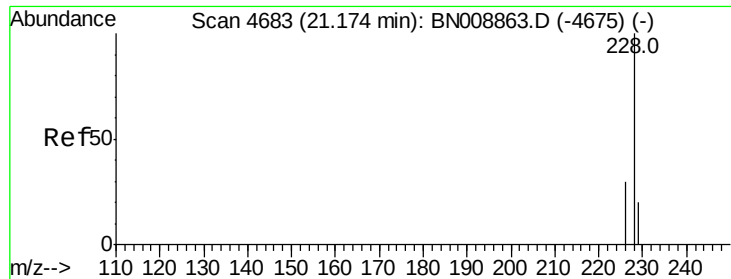
#18
Benzo(a)anthracene
Concen: 0.626 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.01 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Tgt Ion:228 Resp: 32919
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.7 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: 0.578 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

ClientSampleId :

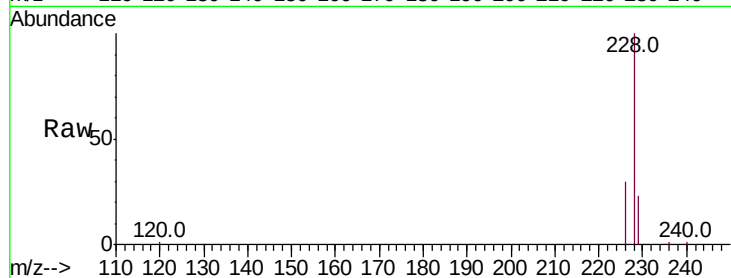
Tot Ion:228 Resp: 29848

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

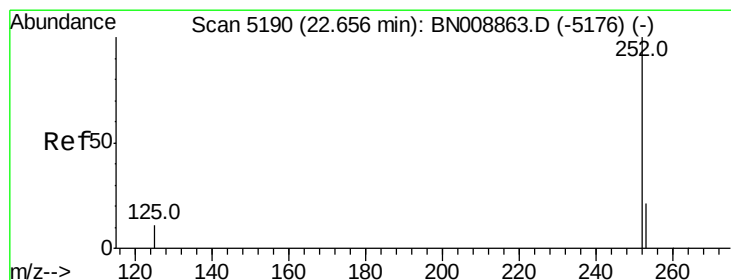
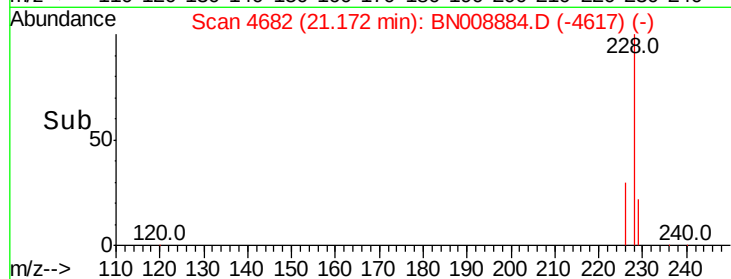
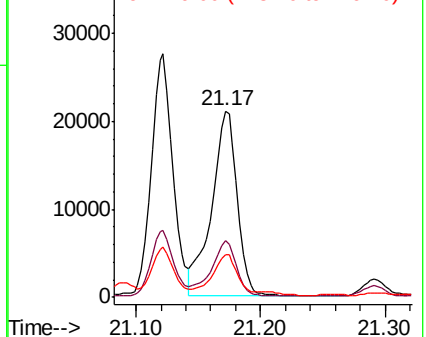
229 22.7 15.6 23.4



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: 0.868 ng/ul

RT: 22.65 min Scan# 5189

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

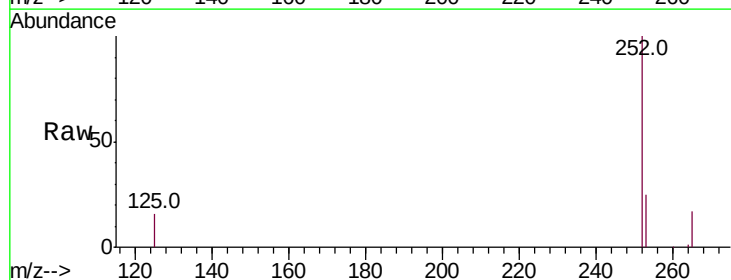
Tgt Ion:252 Resp: 50707

Ion Ratio Lower Upper

252 100

253 25.0 0.0 48.6

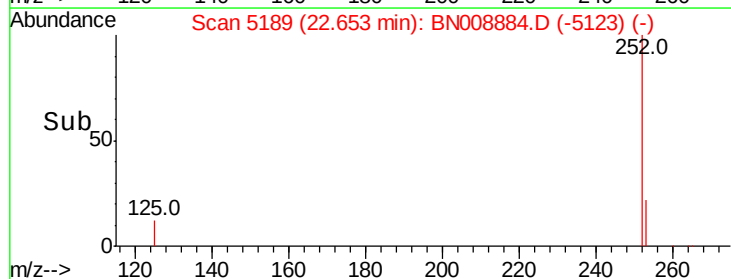
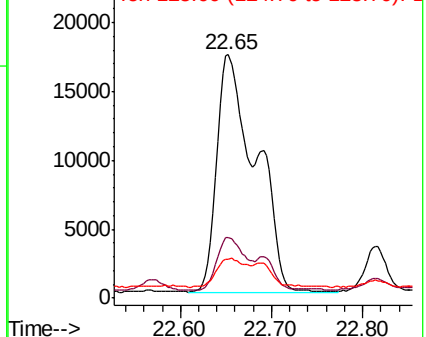
125 16.1 0.0 31.6

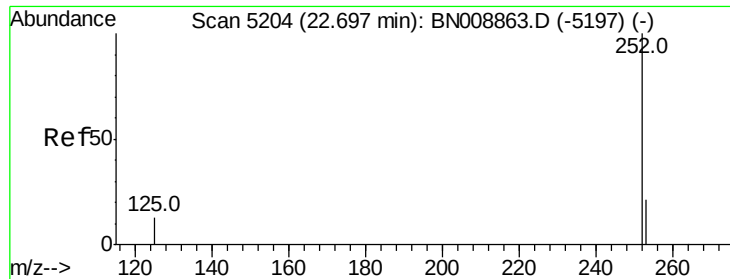


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.876 ng/ul

RT: 22.65 min Scan# 5189

Delta R.T. -0.05 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

ClientSampleId :

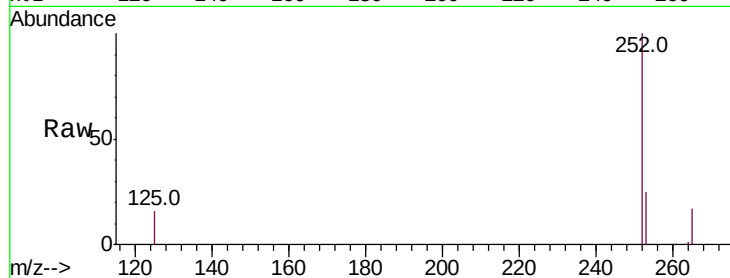
Tot Ion:252 Resp: 50707

Ion Ratio Lower Upper

252 100

253 25.0 19.6 29.4

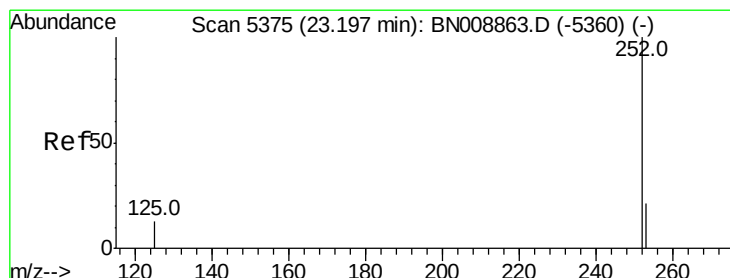
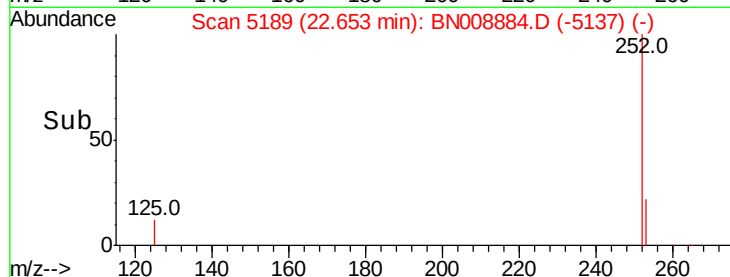
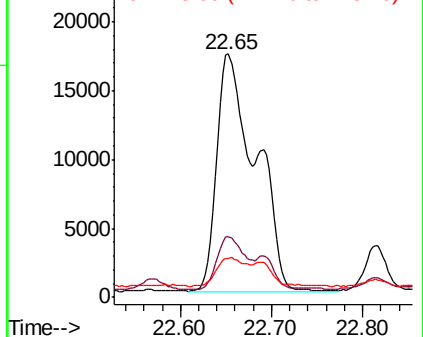
125 16.1 13.8 20.6



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: 0.507 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

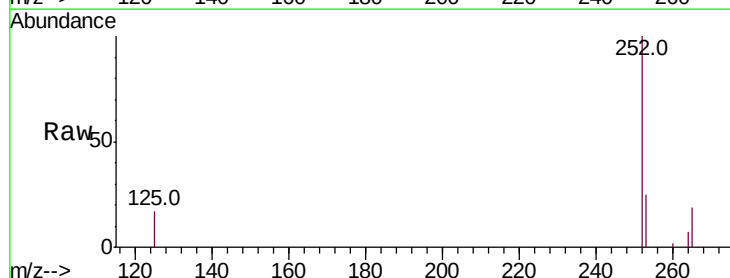
Tgt Ion:252 Resp: 27791

Ion Ratio Lower Upper

252 100

253 25.2 19.9 29.9

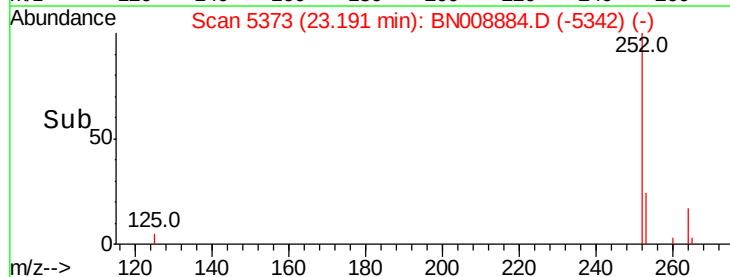
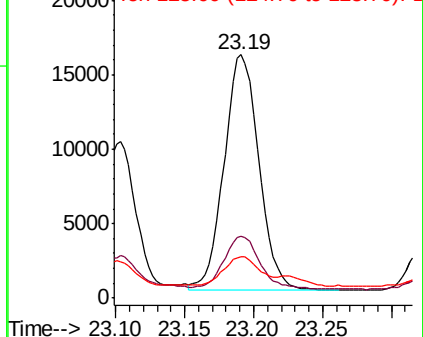
125 17.1 14.6 22.0

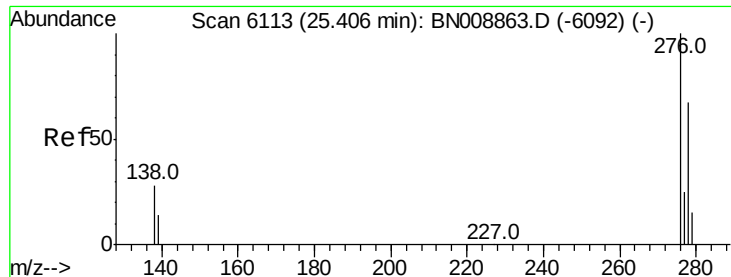


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



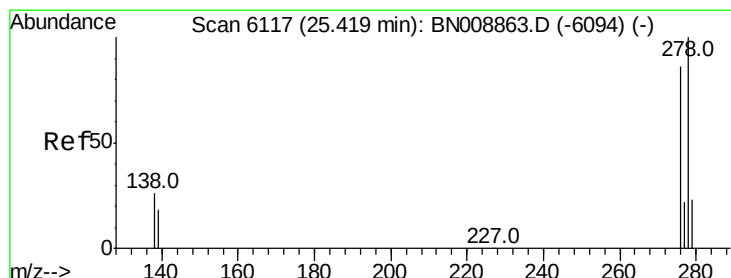
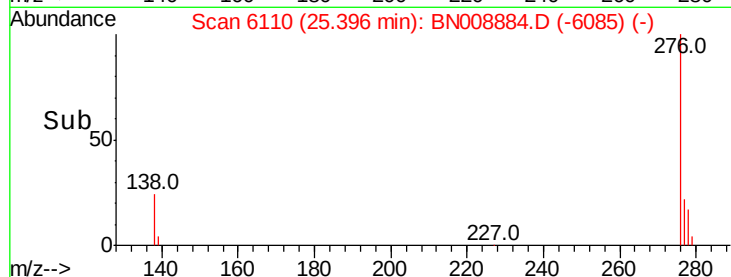
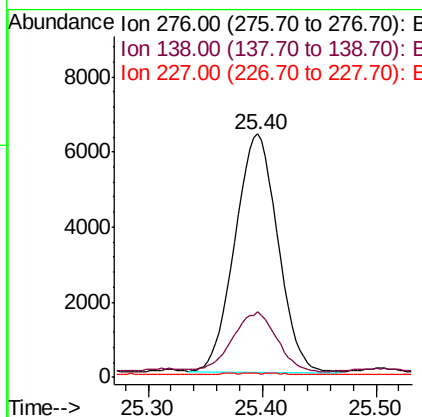
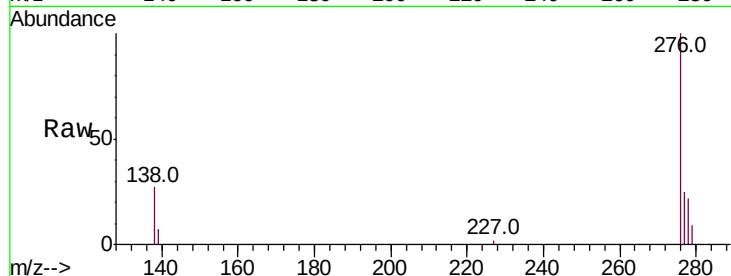


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.258 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.02 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Instrument :
BNA_N
ClientSampleId :

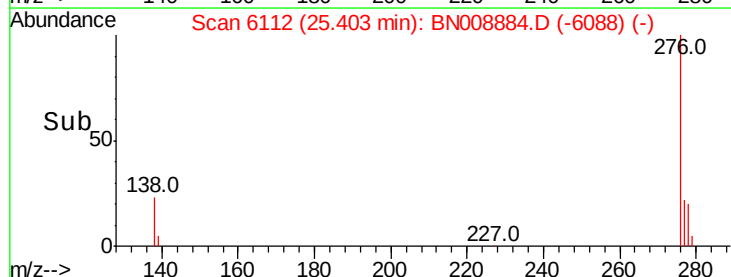
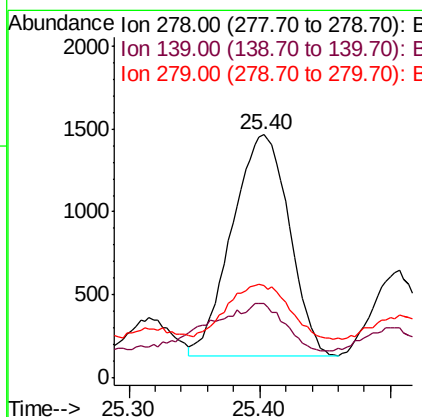
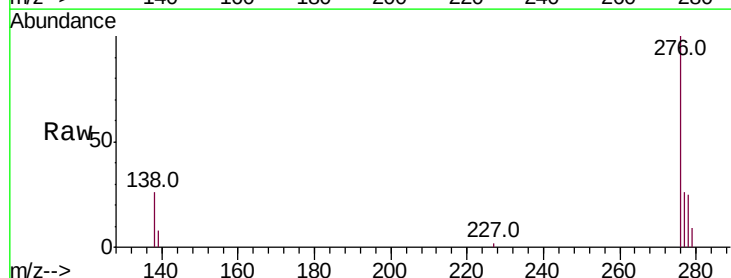
Tot Ion:276 Resp: 16533
Ion Ratio Lower Upper
276 100
138 25.3 23.8 35.6
227 0.1 0.2 0.2#

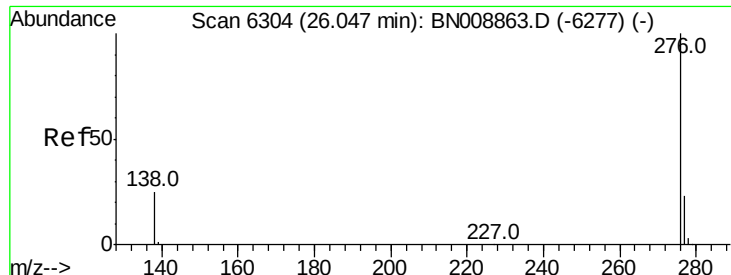


#25

Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.40 min Scan# 6112
Delta R.T. -0.02 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Tgt Ion:278 Resp: 4025
Ion Ratio Lower Upper
278 100
139 30.8 17.4 26.0#
279 38.0 20.5 30.7#

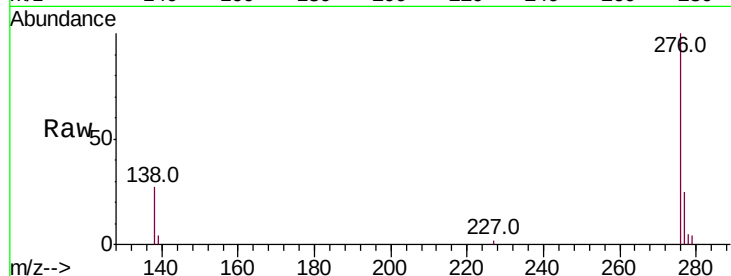




#26
 Benzo(a,h,i)perylene
 Concen: 0.282 ng/ul
 RT: 26.03 min Scan# 6300
 Delta R.T. -0.02 min
 Lab File: BN008884.D
 Acq: 07 Dec 2019 11:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	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

