

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
 Data File : BN008886.D
 Acq On : 07 Dec 2019 12:40
 Operator : JU
 Sample : K6007-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 09 00:12:57 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

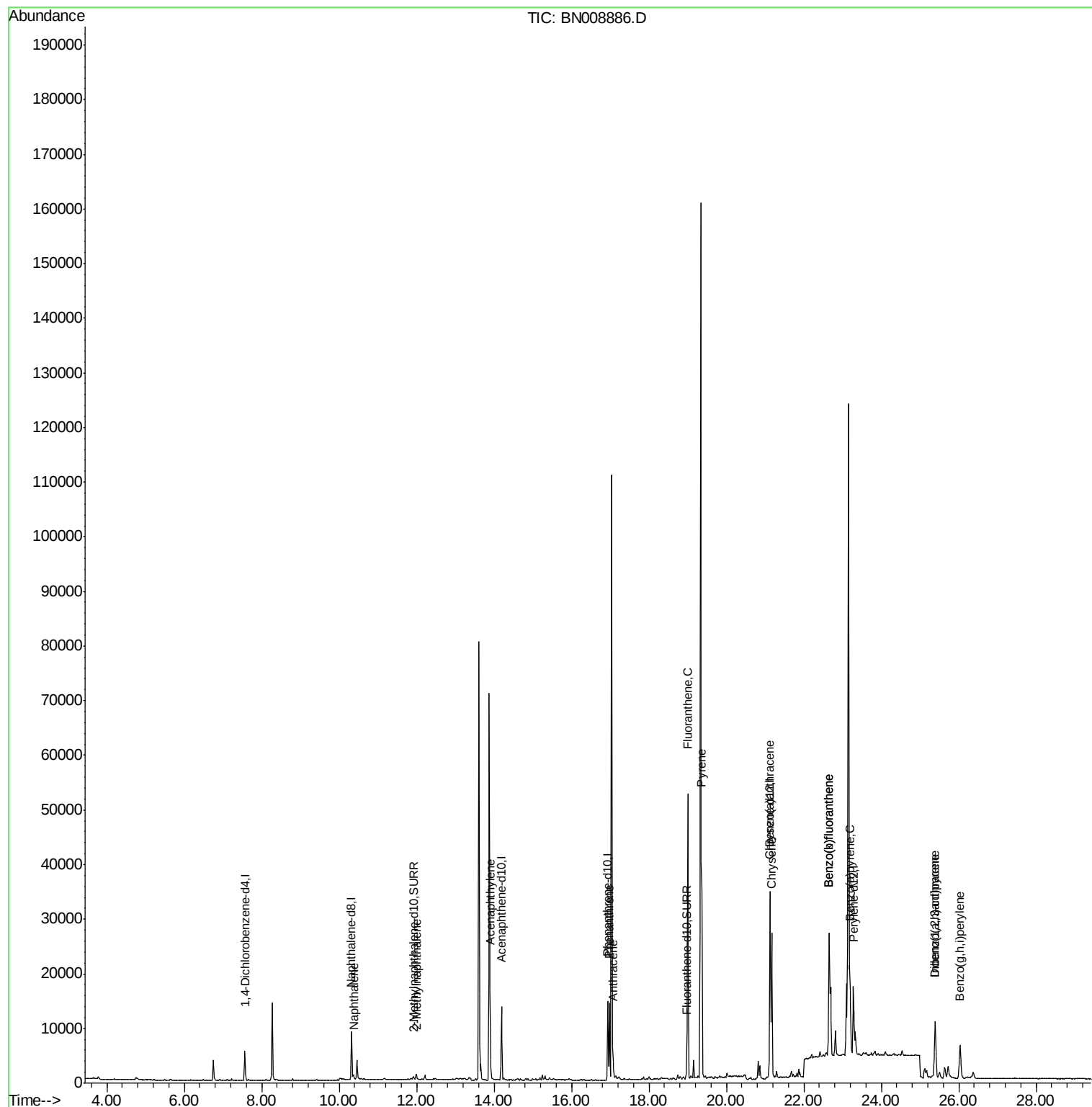
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2574	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	10881	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7091	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	16228	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14072	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15310	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	553	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	1751	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1073	0.033	ng/ul#	84
5) 2-Methylnaphthalene	11.99	142	727	0.032	ng/ul	97
7) Acenaphthylene	13.90	152	4719	0.120	ng/ul	97
12) Phenanthrene	16.97	178	14708	0.269	ng/ul	99
13) Anthracene	17.07	178	4232	0.082	ng/ul	96
15) Fluoranthene	19.00	202	44990	0.669	ng/ul	99
17) Pyrene	19.36	202	36475	0.646	ng/ul	98
18) Benzo(a)anthracene	21.12	228	26134	0.462	ng/ul	96
19) Chrysene	21.17	228	26546	0.478	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	46853	0.742	ng/ul	99
22) Benzo(k)fluoranthene	22.65	252	46853	0.748	ng/ul	99
23) Benzo(a)pyrene	23.19	252	19738	0.333	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.39	276	13833	0.200	ng/ul	95
25) Dibenzo(a,h)anthracene	25.39	278	4148	0.074	ng/ul#	79
26) Benzo(g,h,i)perylene	26.03	276	11880	0.205	ng/ul	99

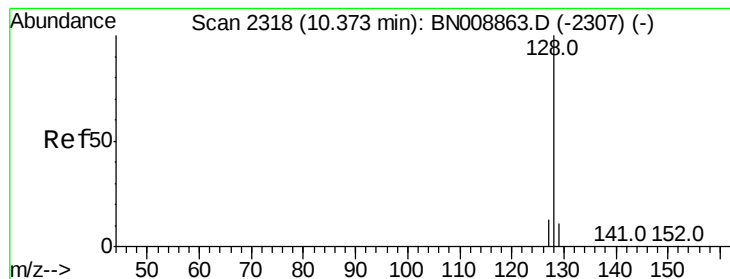
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 12:03:45 2019
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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

Instrument :

BNA_N

ClientSampleId :

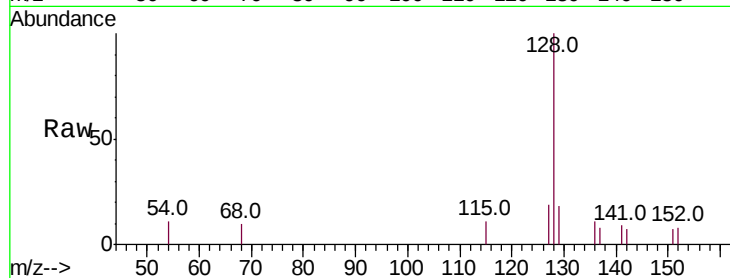
Tot Ion:128 Resp: 1073

Ion Ratio Lower Upper

128 100

129 17.9 9.1 13.7#

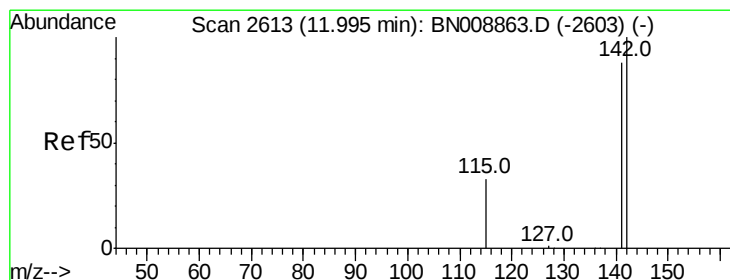
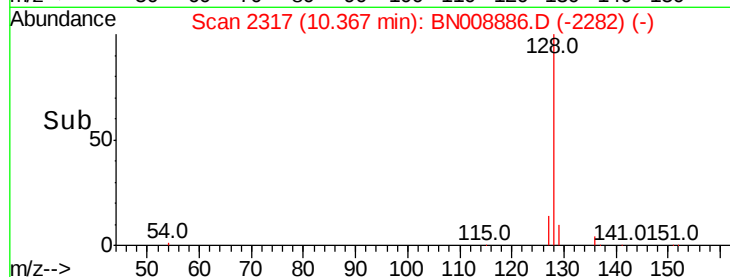
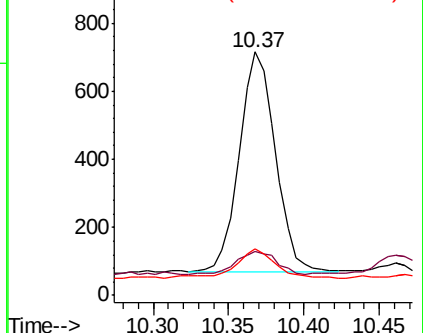
127 19.3 10.7 16.1#



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: 0.032 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008886.D

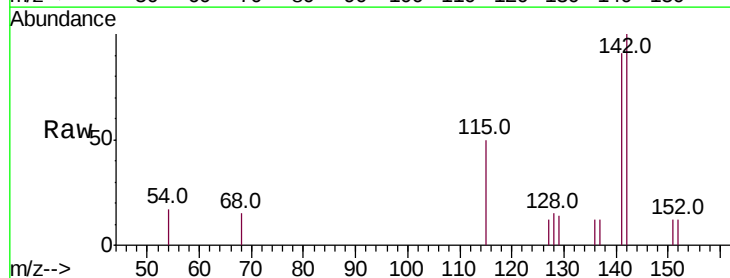
Acq: 07 Dec 2019 12:40

Tgt Ion:142 Resp: 727

Ion Ratio Lower Upper

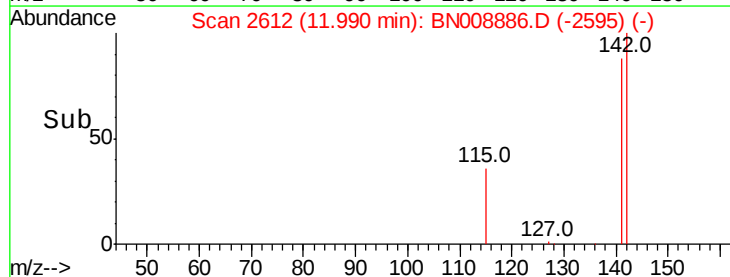
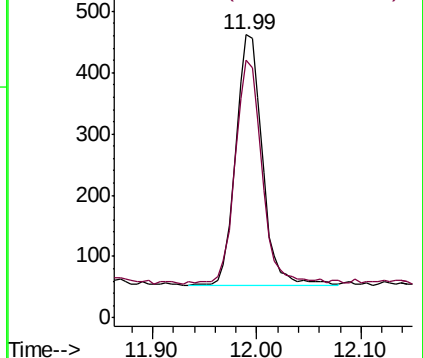
142 100

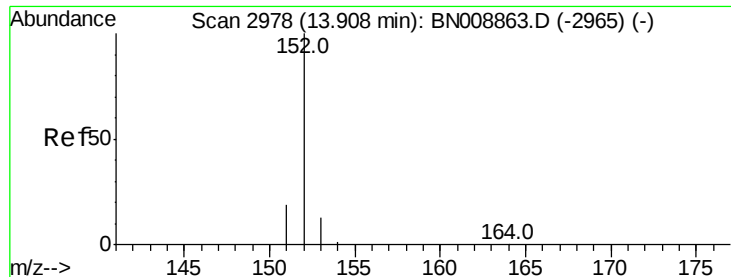
141 90.2 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

Instrument :

BNA_N

ClientSampleId :

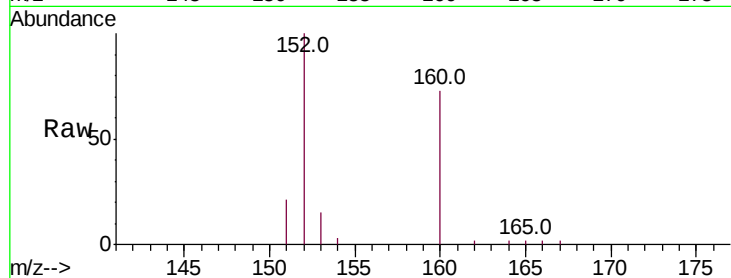
Tot Ion:152 Resp: 4719

Ion Ratio Lower Upper

152 100

151 21.1 15.8 23.6

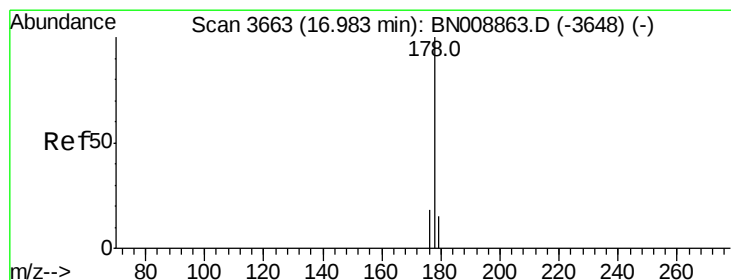
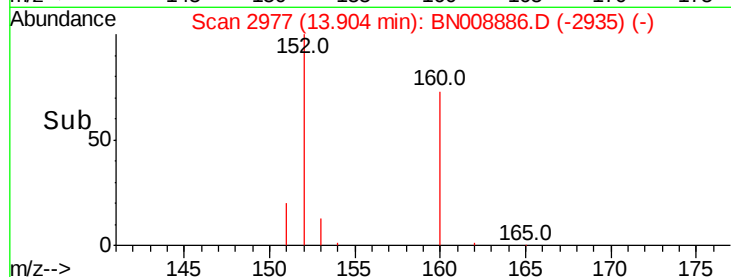
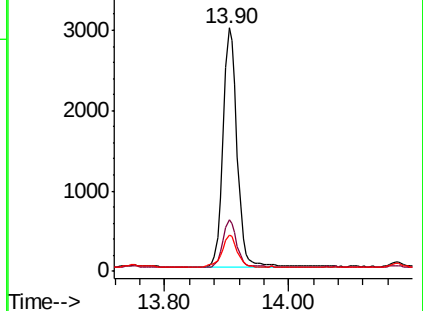
153 14.8 10.6 15.8



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



#12

Phenanthrene

Concen: 0.269 ng/ul

RT: 16.97 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

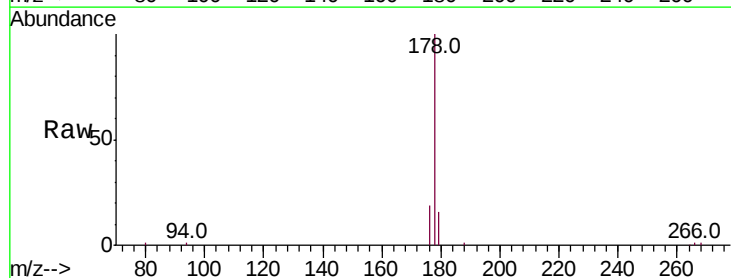
Tgt Ion:178 Resp: 14708

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

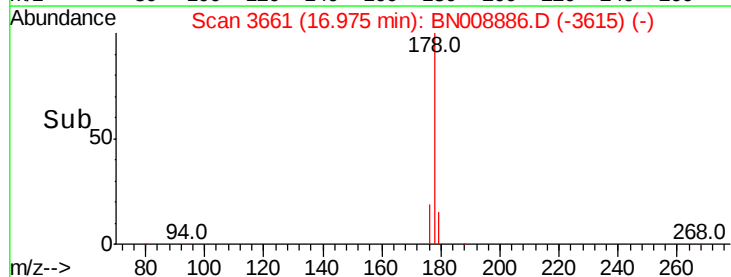
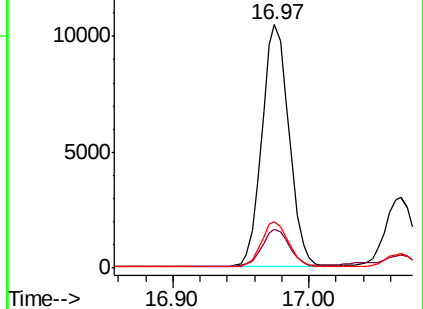
176 19.2 15.3 22.9

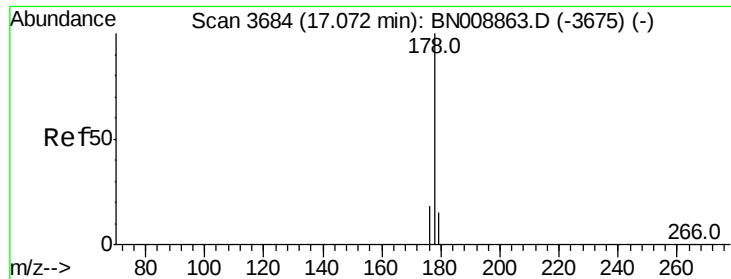


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.082 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

Instrument :

BNA_N

ClientSampled :

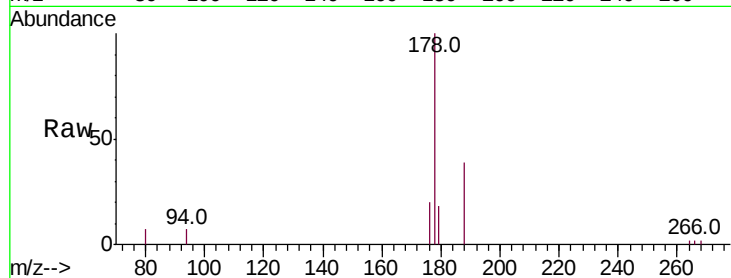
Tot Ion:178 Resp: 4232

Ion Ratio Lower Upper

178 100

179 17.8 12.2 18.4

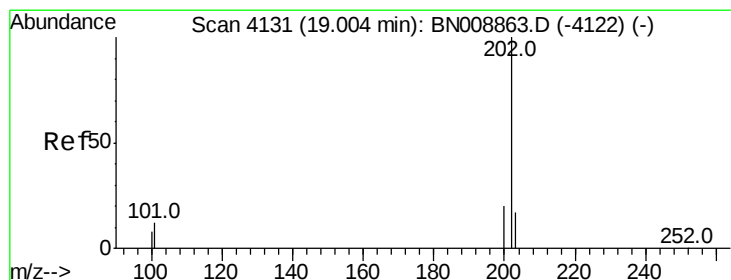
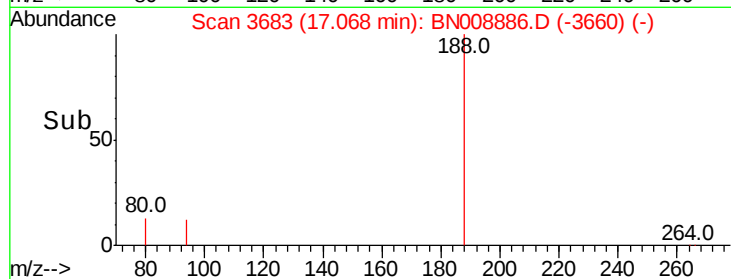
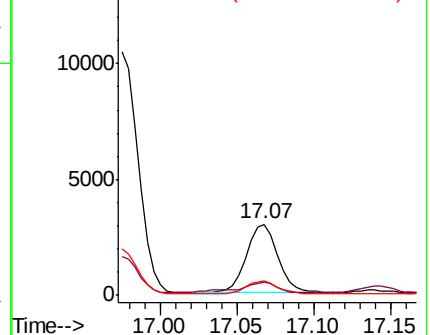
176 19.6 14.7 22.1



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: 0.669 ng/ul

RT: 19.00 min Scan# 4130

Delta R.T. -0.00 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

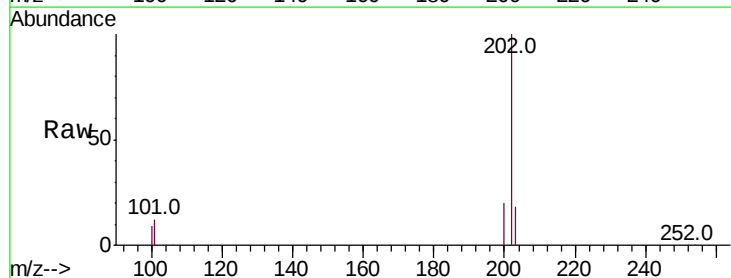
Tgt Ion:202 Resp: 44990

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.4

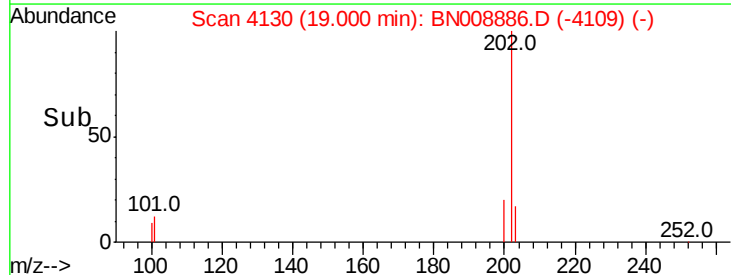
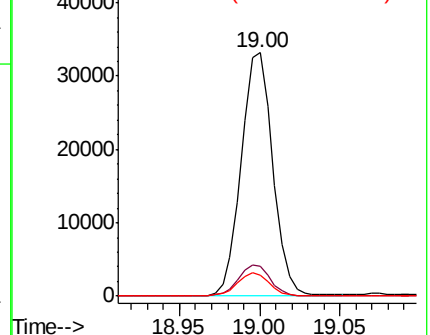
100 8.8 0.0 29.2

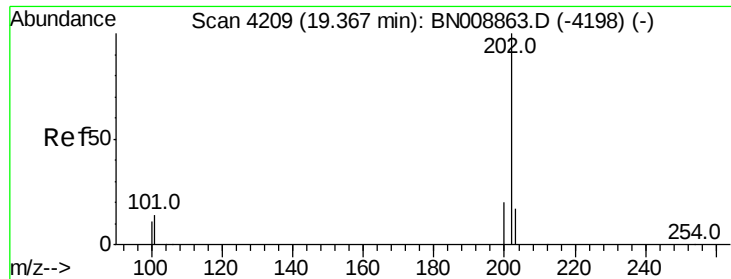


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

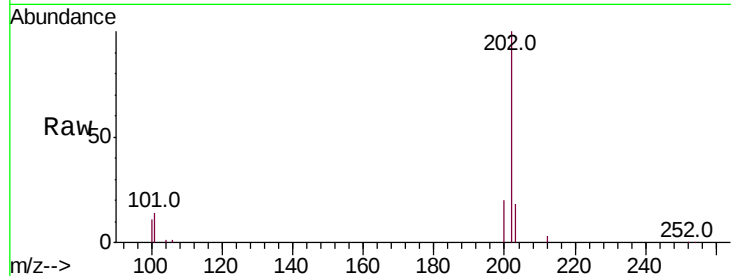




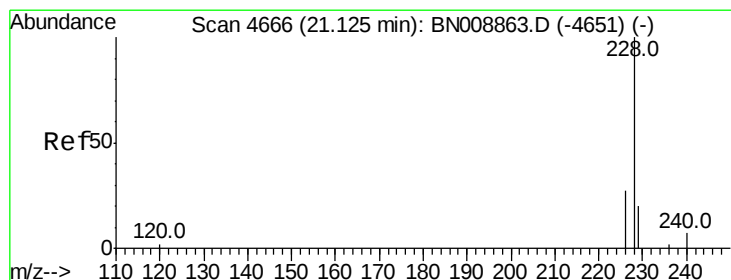
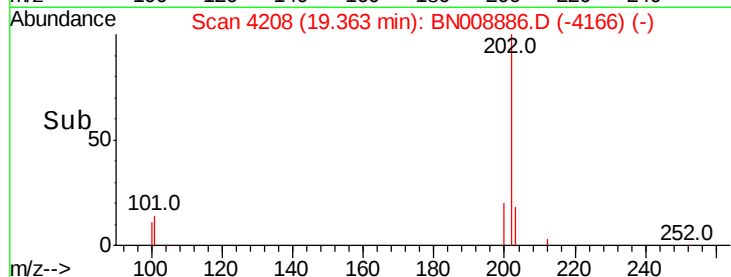
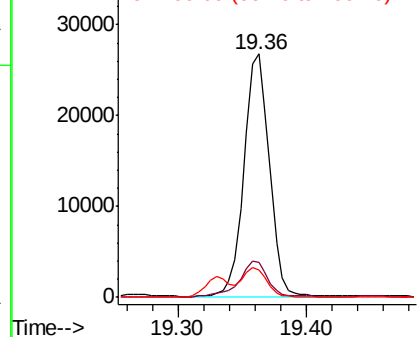
#17
Pvrene
Concen: 0.646 ng/ul
RT: 19.36 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BN008886.D
Acq: 07 Dec 2019 12:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 36475
Ion Ratio Lower Upper
202 100
101 14.2 12.2 18.4
100 11.5 9.5 14.3

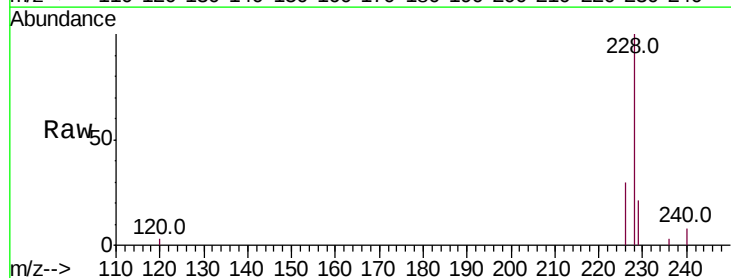


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

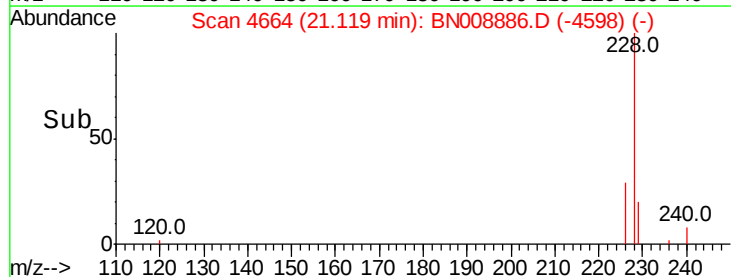
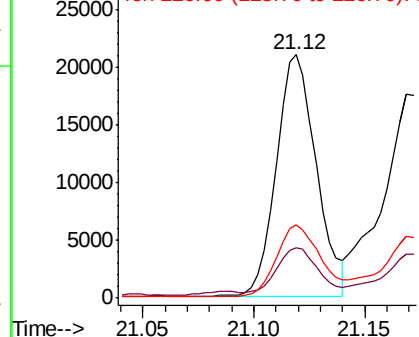


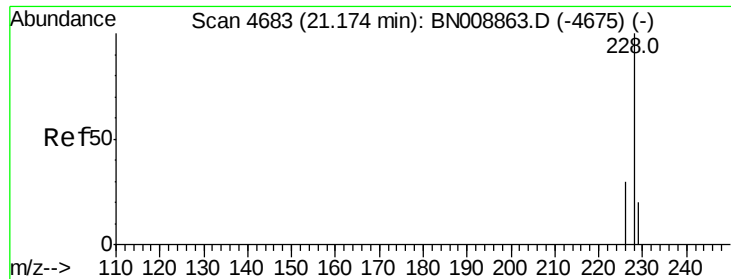
#18
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. -0.01 min
Lab File: BN008886.D
Acq: 07 Dec 2019 12:40

Tgt Ion:228 Resp: 26134
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 29.9 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: 0.478 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.01 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

Instrument :

BNA_N

ClientSampled :

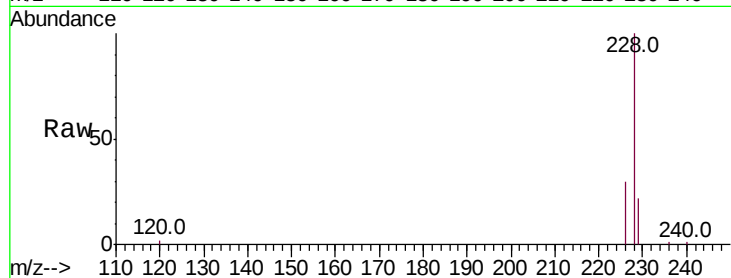
Tot Ion:228 Resp: 26546

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

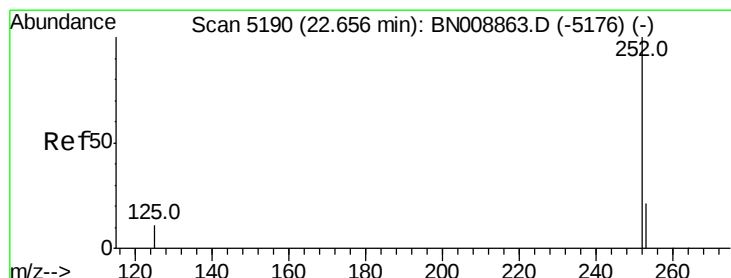
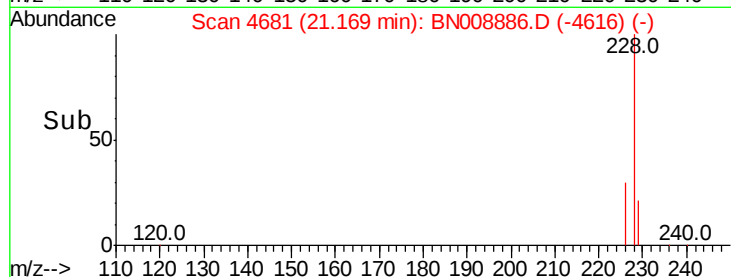
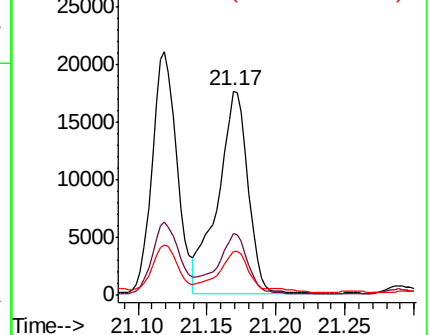
229 21.5 15.6 23.4



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: 0.742 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. -0.01 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

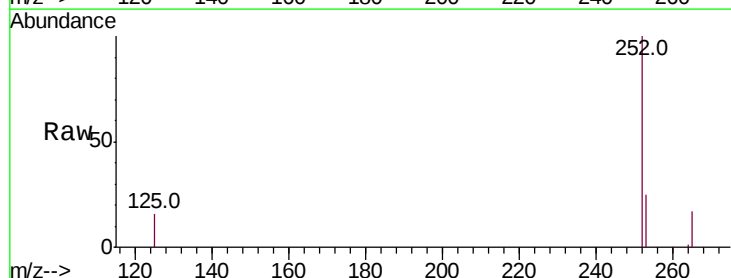
Tgt Ion:252 Resp: 46853

Ion Ratio Lower Upper

252 100

253 24.6 0.0 48.6

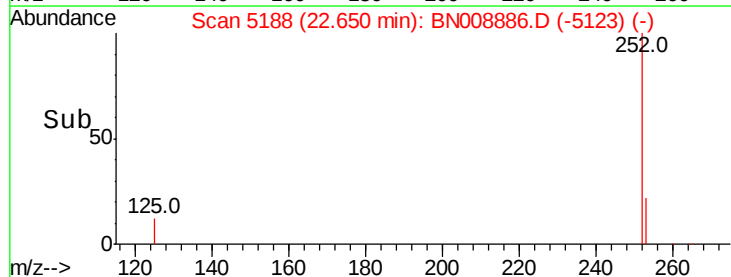
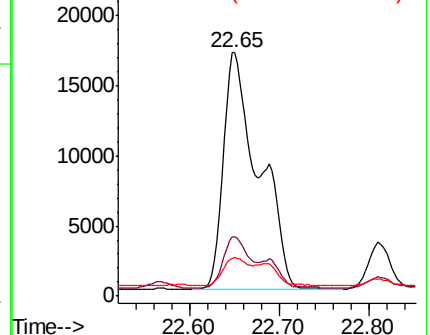
125 16.0 0.0 31.6

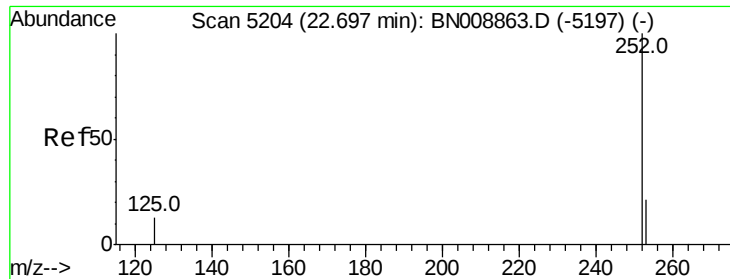


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.748 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. -0.05 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

Instrument :

BNA_N

ClientSampleId :

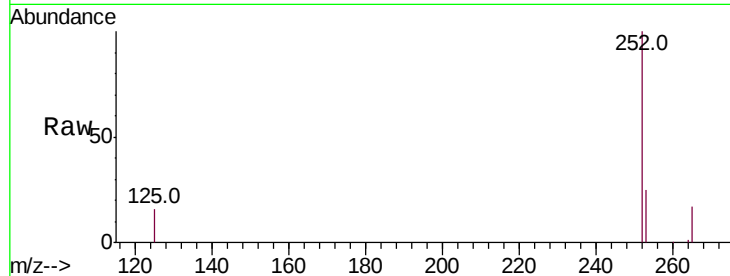
Tot Ion:252 Resp: 46853

Ion Ratio Lower Upper

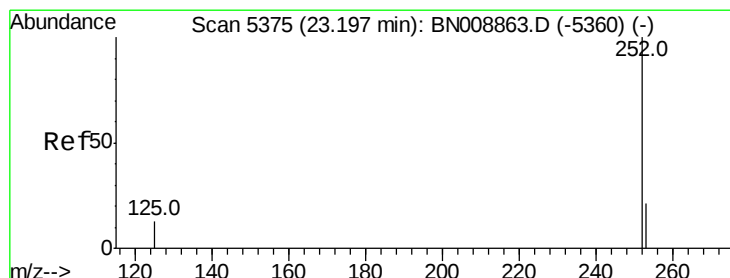
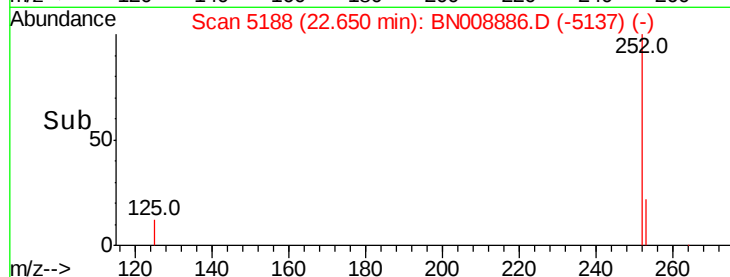
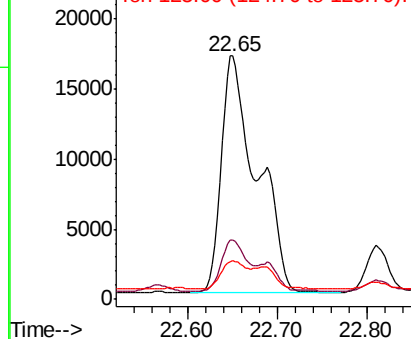
252 100

253 24.6 19.6 29.4

125 16.0 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: 0.333 ng/ul

RT: 23.19 min Scan# 5372

Delta R.T. -0.01 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

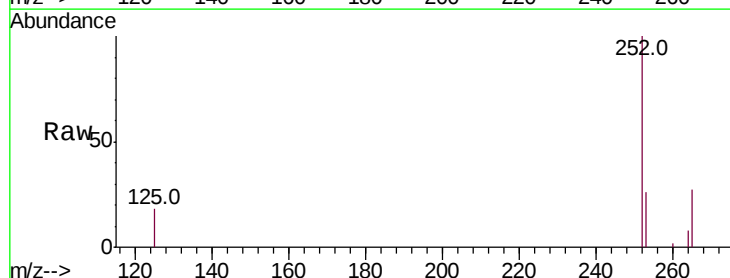
Tgt Ion:252 Resp: 19738

Ion Ratio Lower Upper

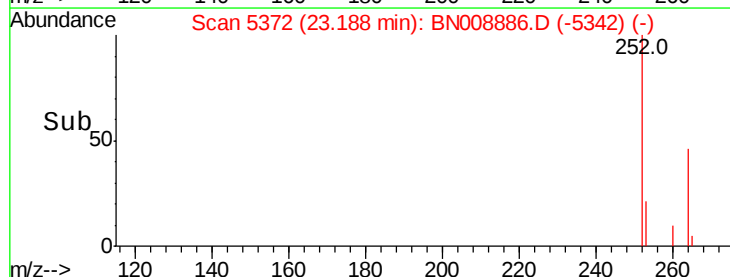
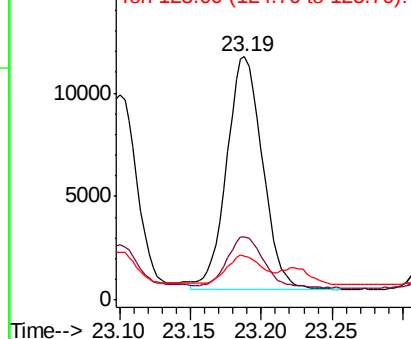
252 100

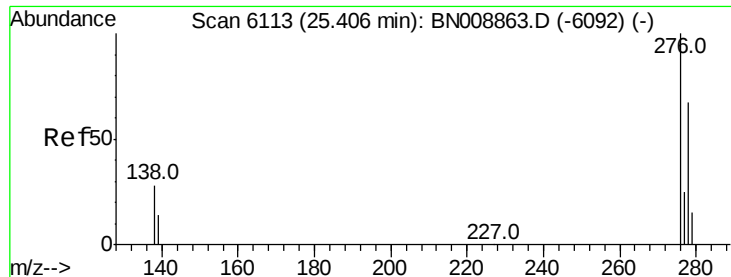
253 26.0 19.9 29.9

125 18.1 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



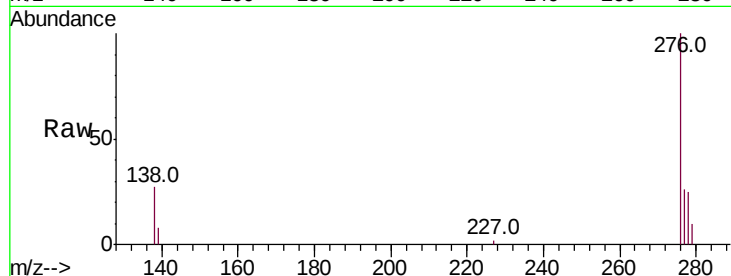


#24

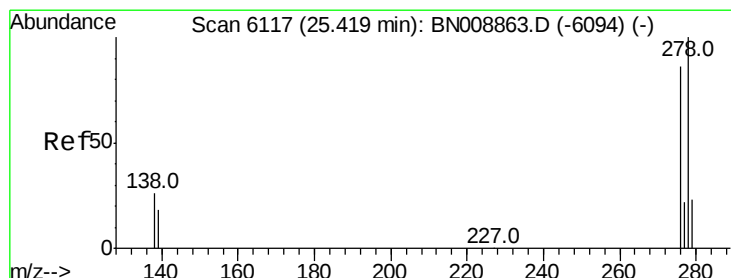
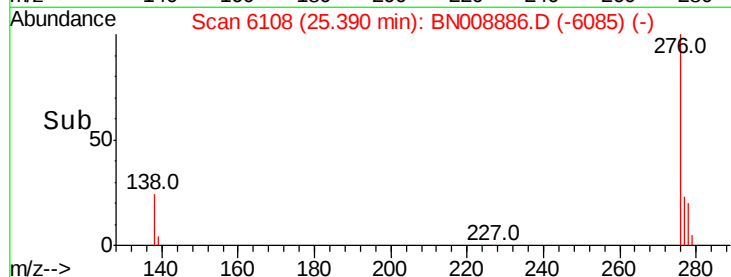
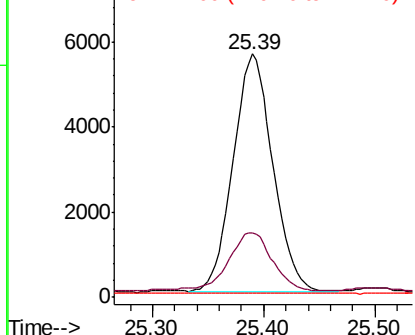
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.02 min
Lab File: BN008886.D
Acq: 07 Dec 2019 12:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 13833
Ion Ratio Lower Upper
276 100
138 26.8 23.8 35.6
227 0.2 0.2 0.2



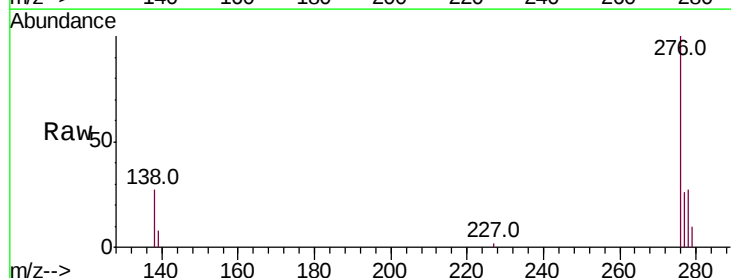
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



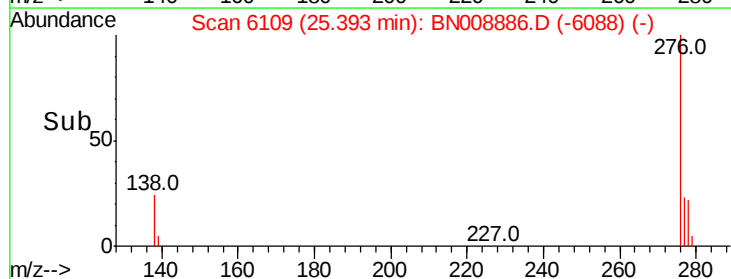
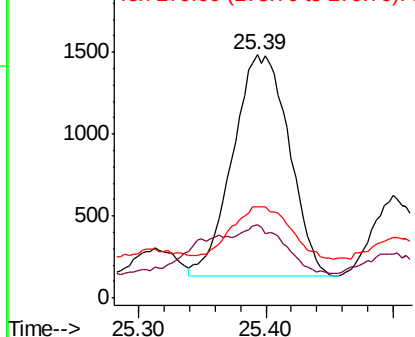
#25

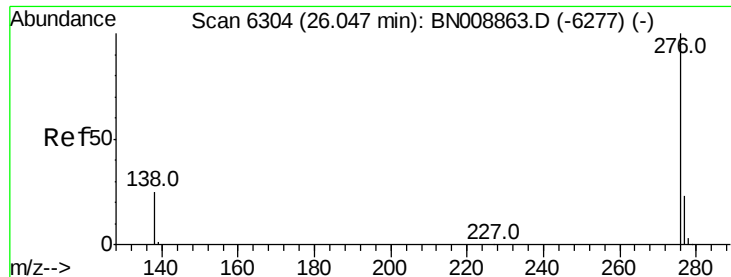
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.03 min
Lab File: BN008886.D
Acq: 07 Dec 2019 12:40

Tgt Ion:278 Resp: 4148
Ion Ratio Lower Upper
278 100
139 30.2 17.4 26.0#
279 37.6 20.5 30.7#



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: 0.205 ng/ul

RT: 26.03 min Scan# 6299

Delta R.T. -0.02 min

Lab File: BN008886.D

Acq: 07 Dec 2019 12:40

Instrument :

BNA_N

ClientSampleId :

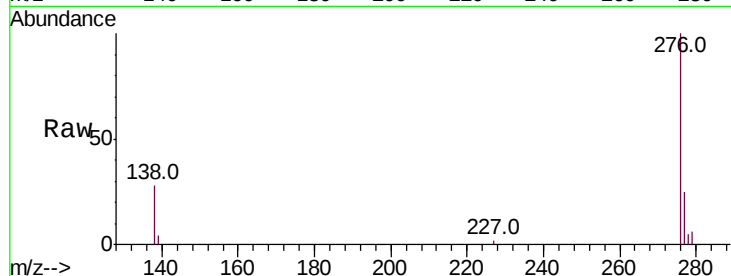
Tot Ion:276 Resp: 11880

Ion Ratio Lower Upper

276 100

138 27.8 21.9 32.9

277 25.1 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

