

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012835.D
 Acq On : 03 Dec 2020 00:58
 Operator : CG/JU
 Sample : L4865-08
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B92

Quant Time: Dec 03 02:19:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

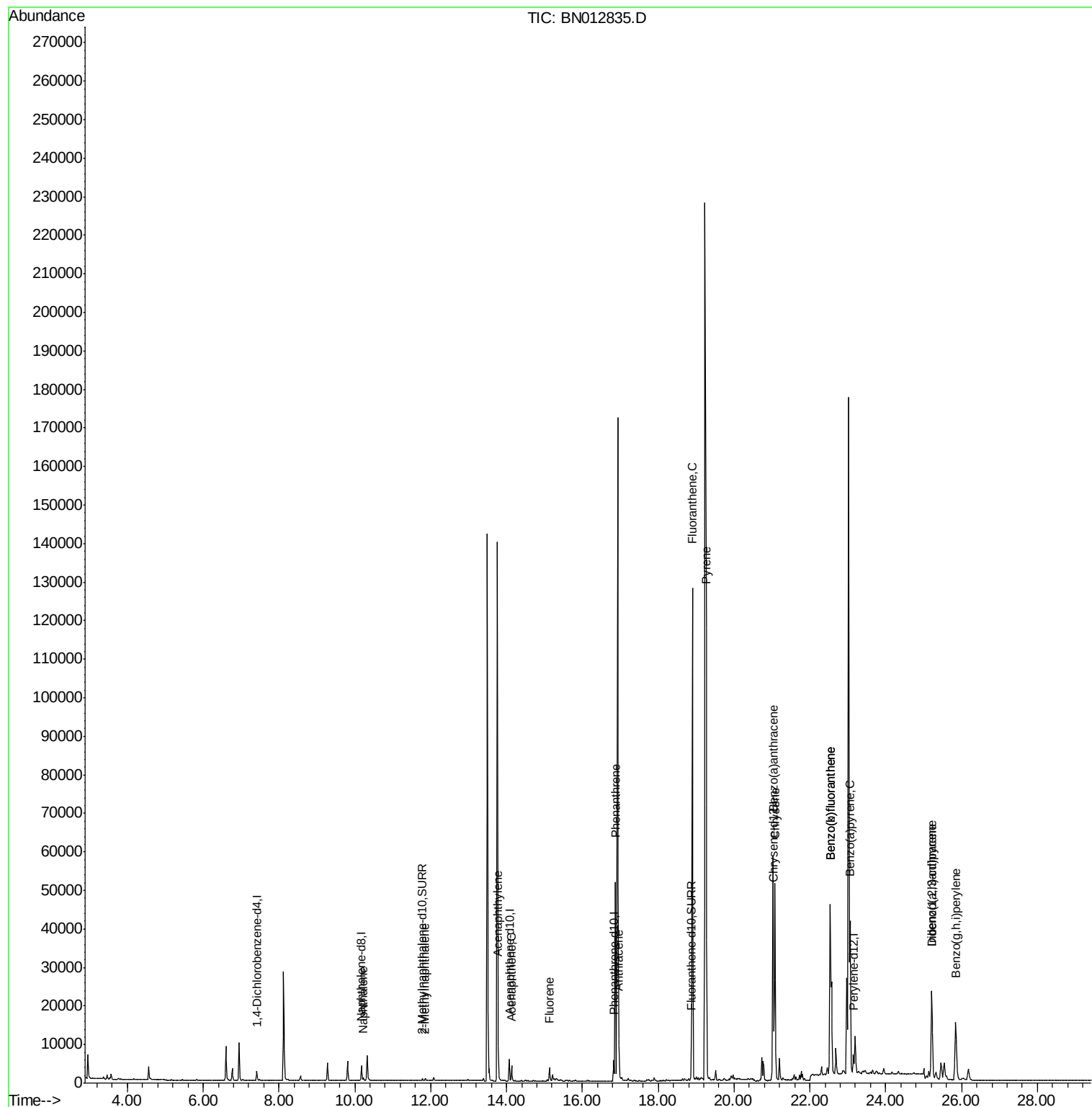
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	5068	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2930	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	6347	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5398	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5359	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	883	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1976	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	1059	0.069	ng/ul#	89
5) 2-Methylnaphthalene	11.86	142	530	0.054	ng/ul	99
7) Acenaphthylene	13.79	152	1340	0.094	ng/ul	94
8) Acenaphthene	14.13	153	2285	0.190	ng/ul	98
9) Fluorene	15.13	166	2174	0.164	ng/ul	97
12) Phenanthrene	16.87	178	51990	2.354	ng/ul	96
13) Anthracene	16.96	178	9095	0.474	ng/ul	96
15) Fluoranthene	18.90	202	107420	4.213	ng/ul	96
17) Pyrene	19.26	202	92938	3.849	ng/ul	99
18) Benzo(a)anthracene	21.03	228	47329	2.447	ng/ul	98
19) Chrysene	21.08	228	48350	2.001	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	93448	3.791	ng/ul	90
22) Benzo(k)fluoranthene	22.53	252	93448	3.287	ng/ul#	90
23) Benzo(a)pyrene	23.06	252	45952	1.981	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.21	276	32924	1.085	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.22	278	8155	0.334	ng/ul	97
26) Benzo(a,h,i)perylene	25.85	276	28859	1.057	ng/ul	96

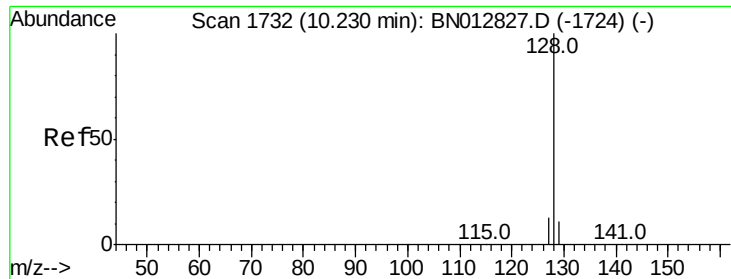
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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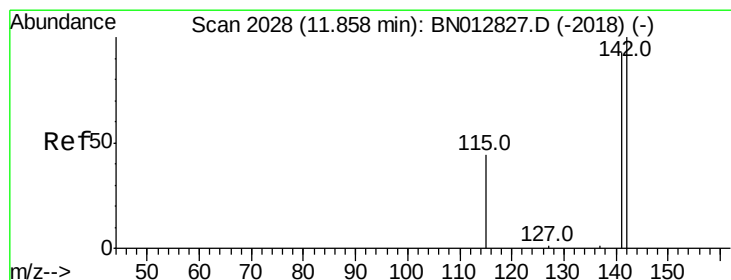
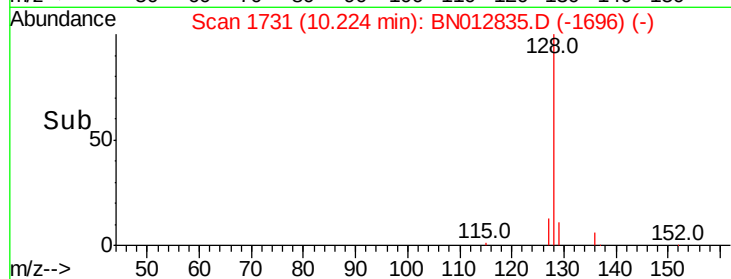
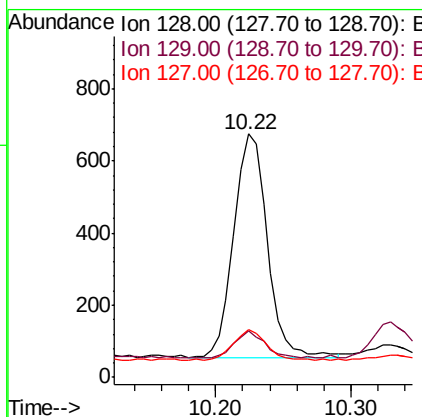
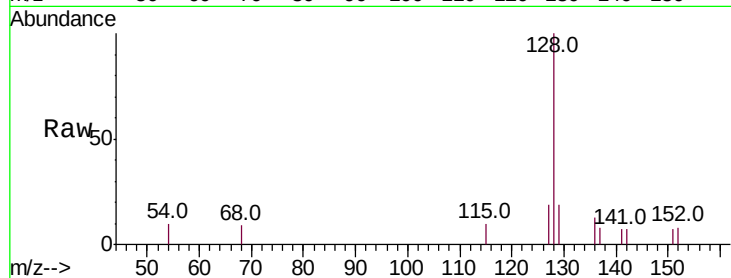




#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.22 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

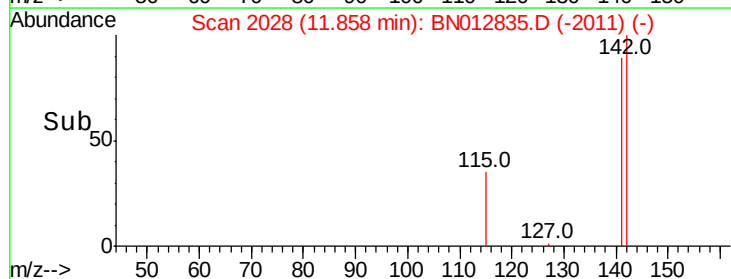
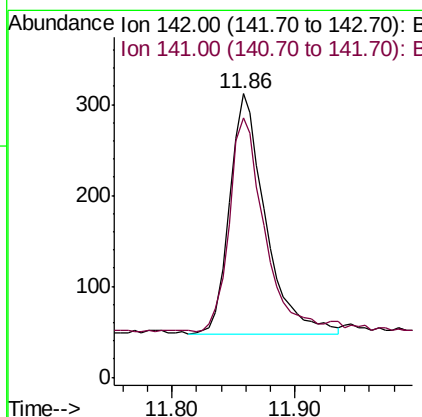
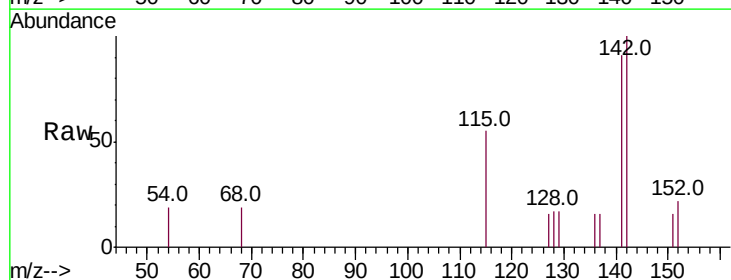
Instrument :
BNA_N
ClientSampleId :
C0B92

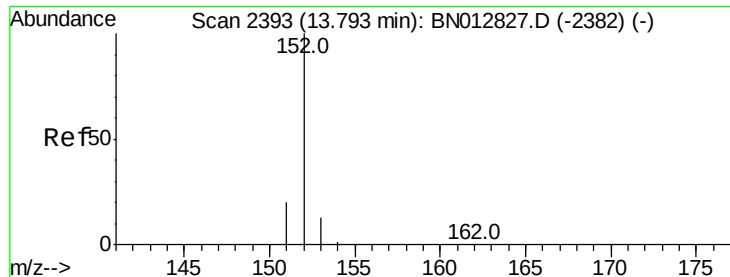
Tot Ion:128 Resp: 1059
Ion Ratio Lower Upper
128 100
129 19.1 11.2 16.8#
127 19.4 12.5 18.7#



#5
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.86 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Tgt Ion:142 Resp: 530
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

ClientSampleId :

C0B92

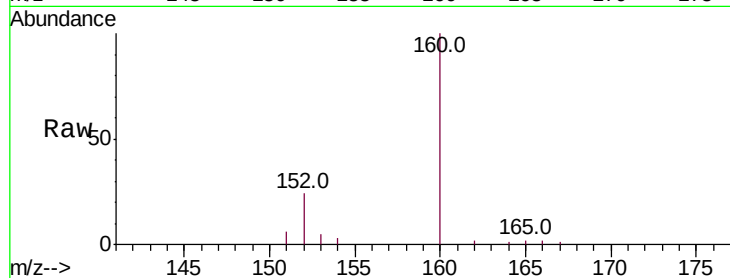
Tot Ion:152 Resp: 1340

Ion Ratio Lower Upper

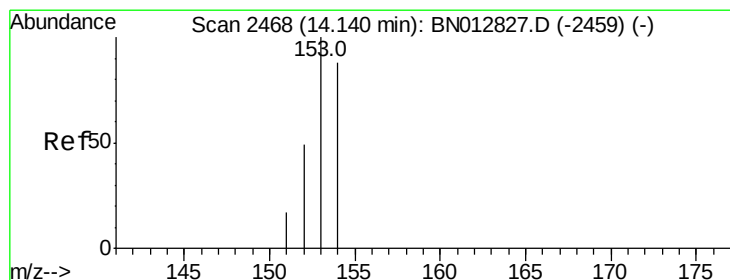
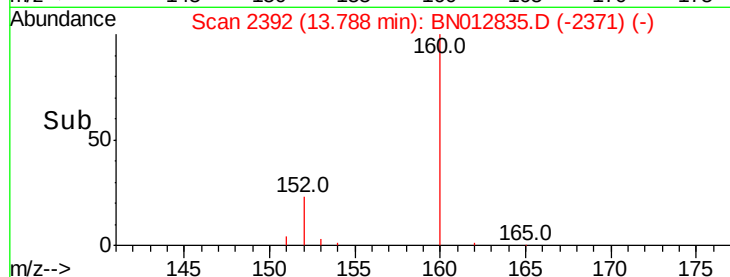
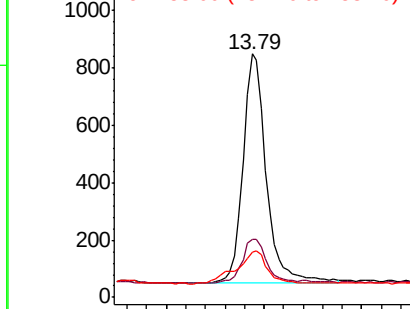
152 100

151 24.0 17.1 25.7

153 18.6 12.6 19.0



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: 0.190 ng/ul

RT: 14.13 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

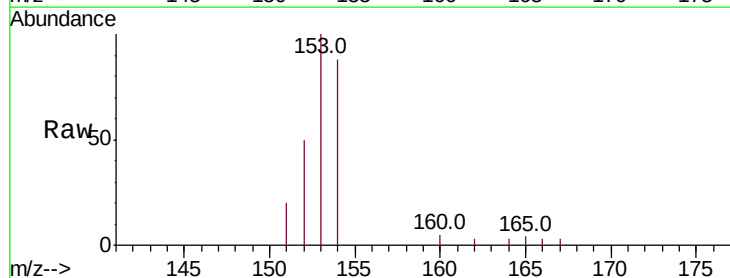
Tgt Ion:153 Resp: 2285

Ion Ratio Lower Upper

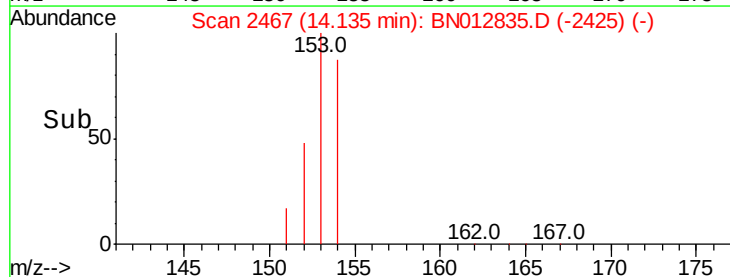
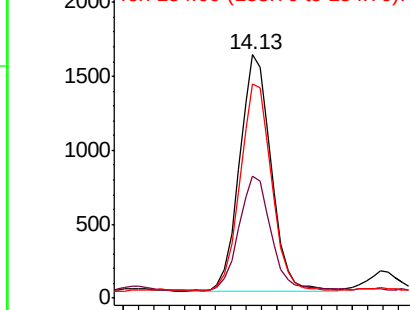
153 100

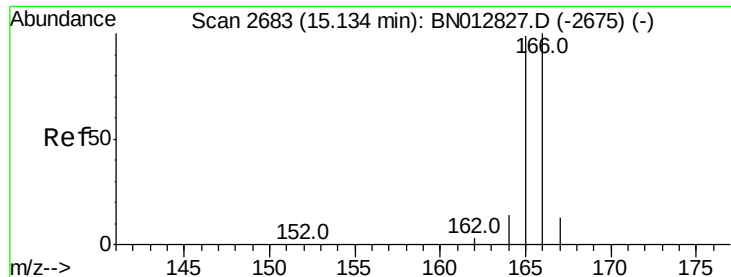
152 49.9 41.4 62.0

154 87.7 70.9 106.3



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: 15.13 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

ClientSampleId :

C0B92

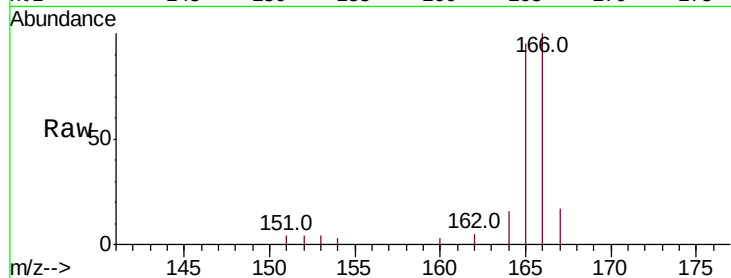
Tot Ion:166 Resp: 2174

Ion Ratio Lower Upper

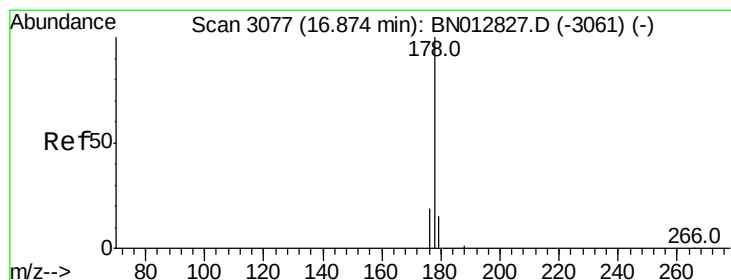
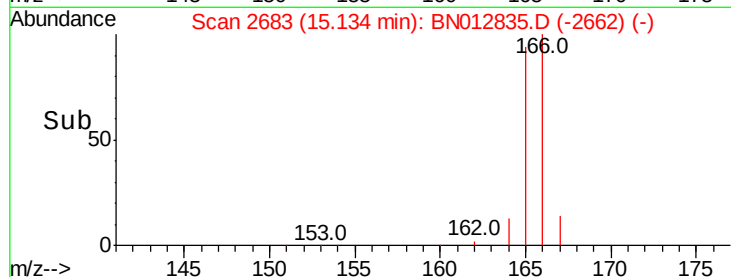
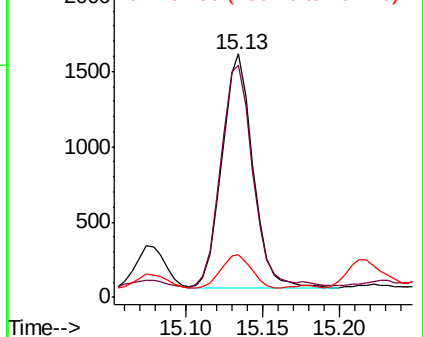
166 100

165 95.5 78.5 117.7

167 17.3 12.7 19.1



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: 2.354 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

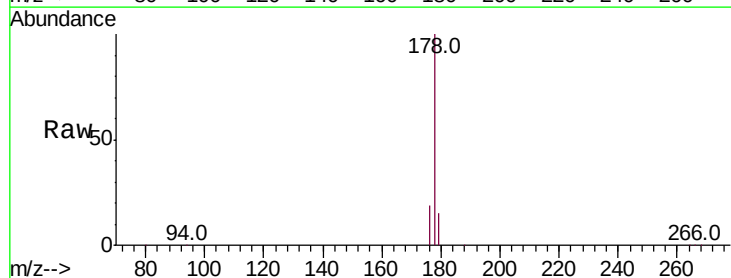
Tgt Ion:178 Resp: 51990

Ion Ratio Lower Upper

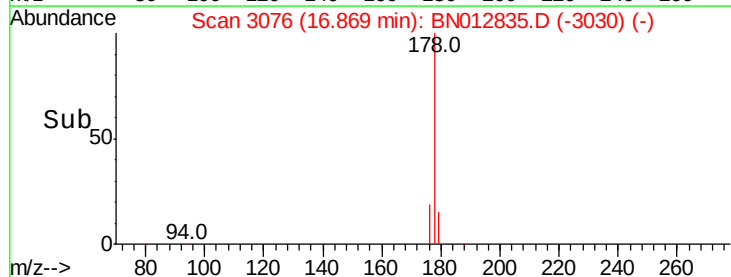
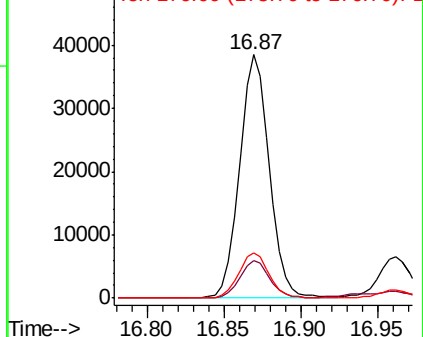
178 100

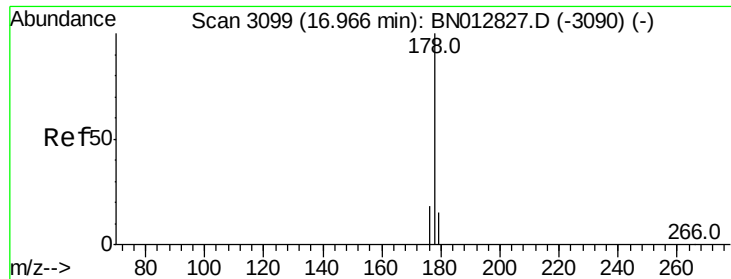
179 15.5 13.8 20.6

176 18.8 16.7 25.1



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





#13

Anthracene

Concen: 0.474 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

ClientSampleId :

C0B92

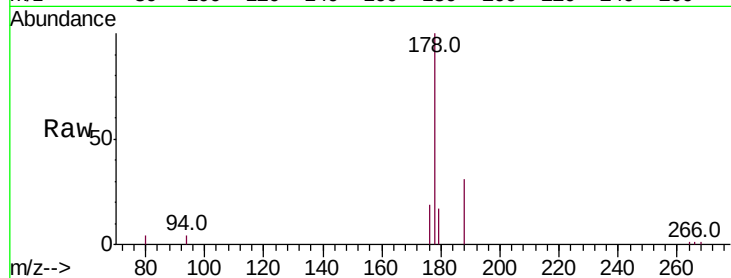
Tot Ion:178 Resp: 9095

Ion Ratio Lower Upper

178 100

179 16.7 14.8 22.2

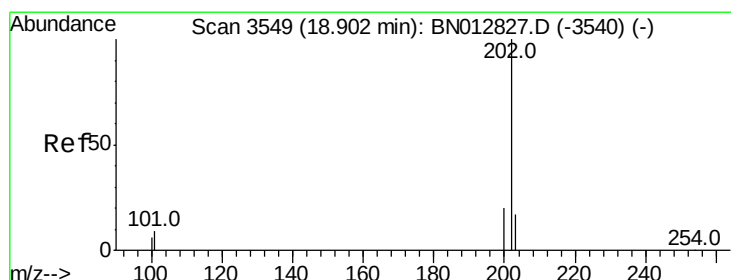
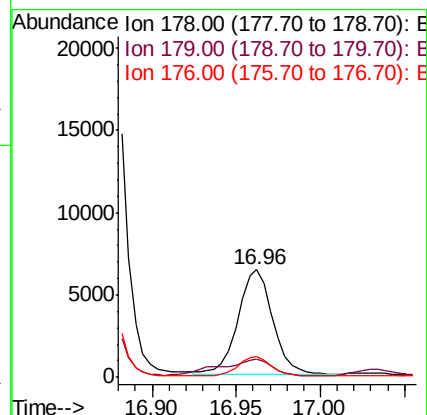
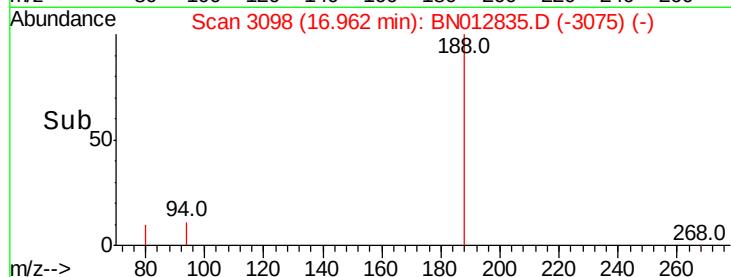
176 18.9 16.3 24.5



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: 4.213 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

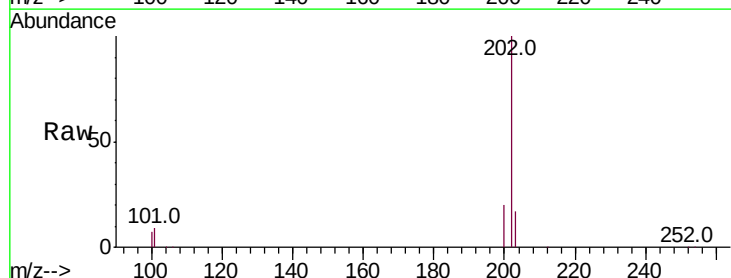
Tgt Ion:202 Resp: 107420

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.5

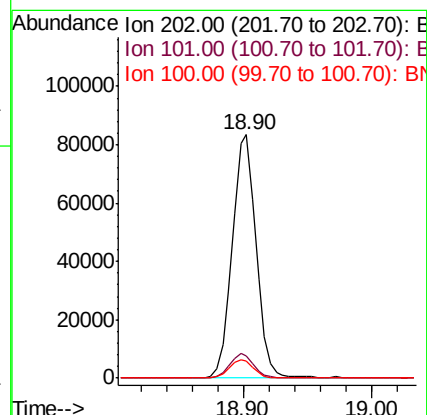
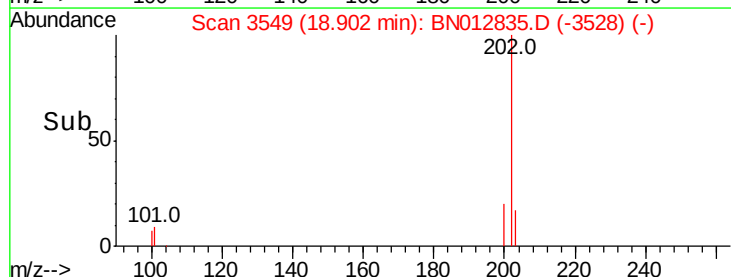
100 7.0 0.0 28.4

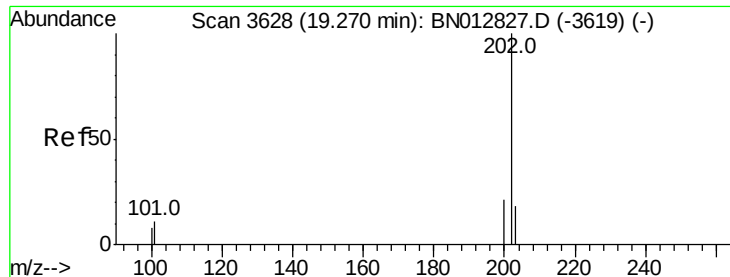


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

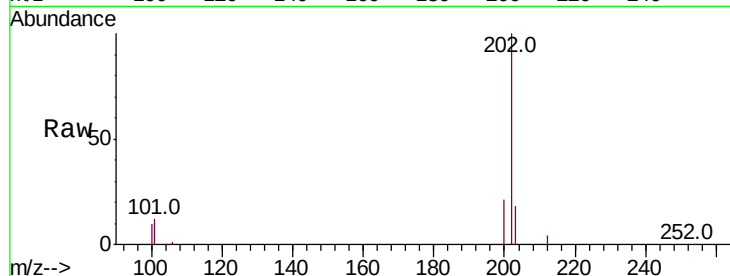




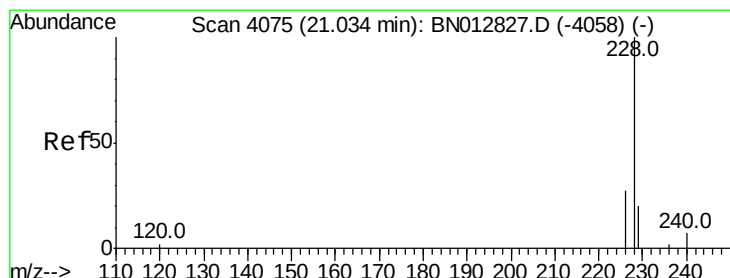
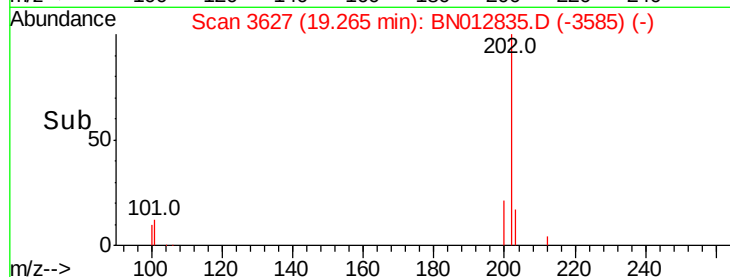
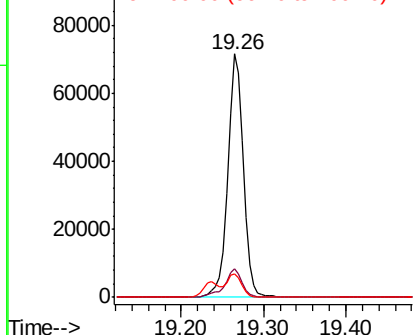
#17
Pvrene
Concen: 3.849 ng/ul
RT: 19.26 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Instrument :
BNA_N
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C0B92

Tot Ion:202 Resp: 92938
Ion Ratio Lower Upper
202 100
101 11.8 8.9 13.3
100 9.7 7.4 11.2

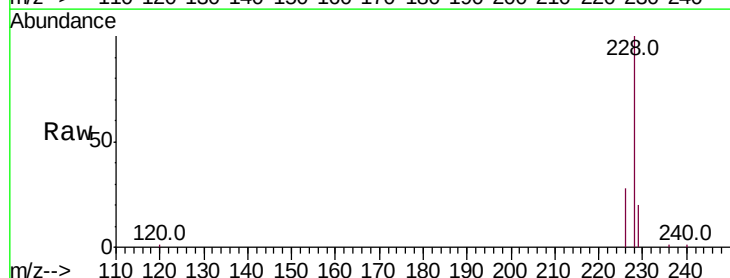


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

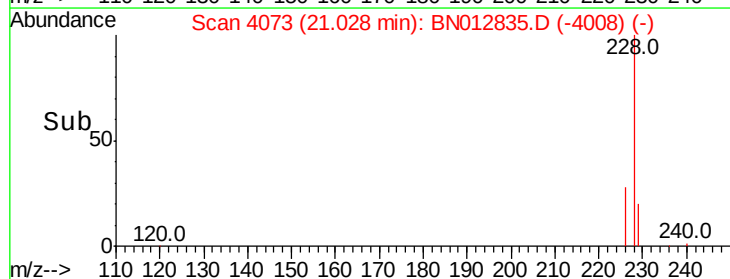
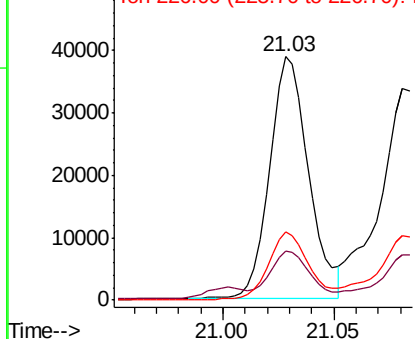


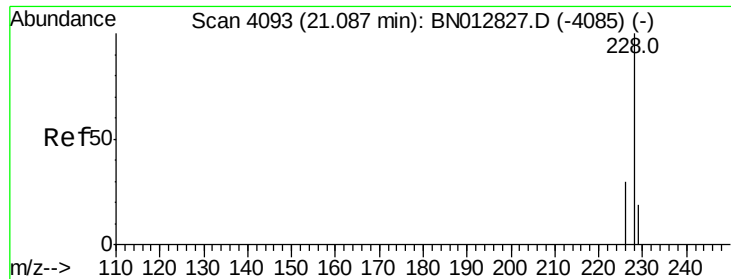
#18
Benzo(a)anthracene
Concen: 2.447 ng/ul
RT: 21.03 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Tgt Ion:228 Resp: 47329
Ion Ratio Lower Upper
228 100
229 20.3 16.9 25.3
226 28.1 23.1 34.7



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: 2.001 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

ClientSampleId :

C0B92

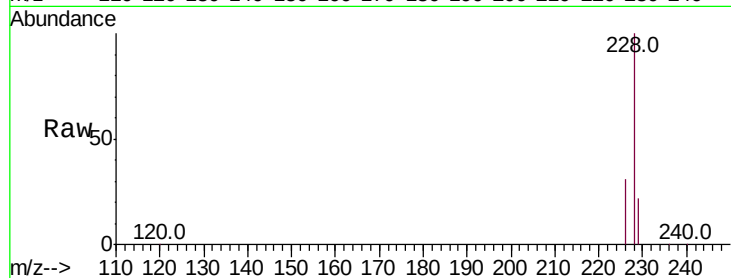
Tot Ion:228 Resp: 48350

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

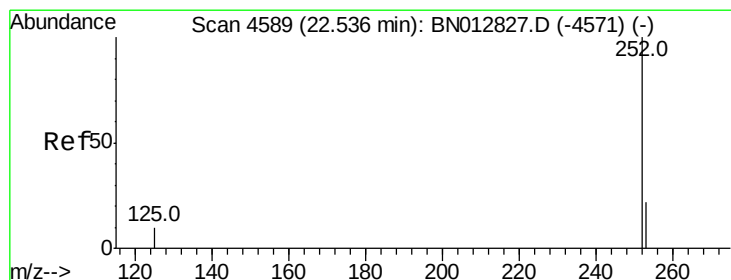
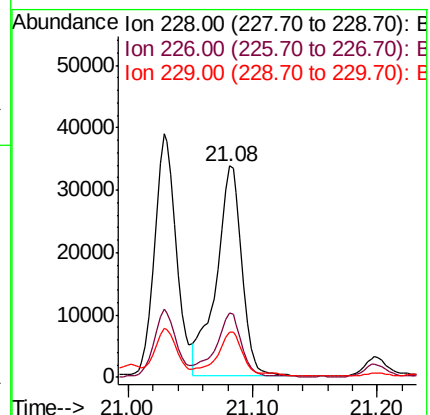
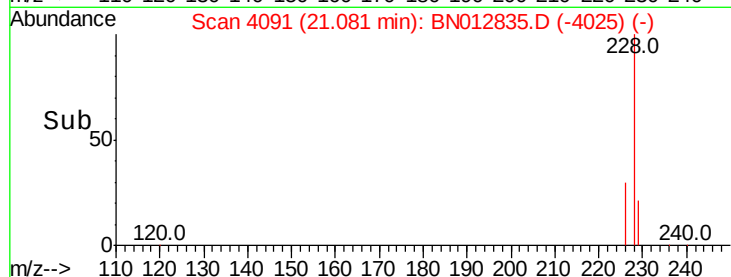
229 21.6 16.1 24.1



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: 3.791 ng/ul

RT: 22.53 min Scan# 4588

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

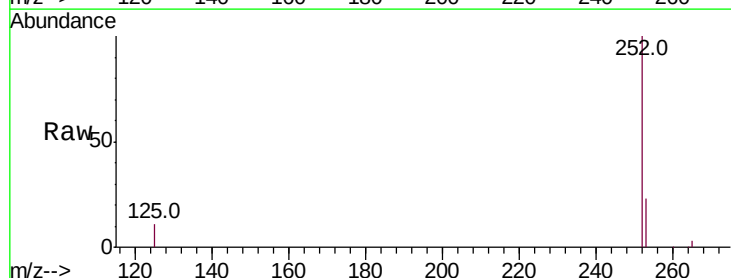
Tgt Ion:252 Resp: 93448

Ion Ratio Lower Upper

252 100

253 23.0 0.0 58.4

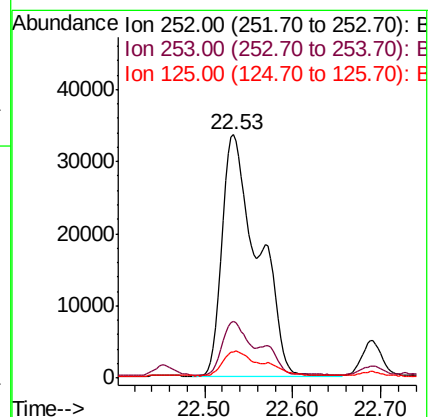
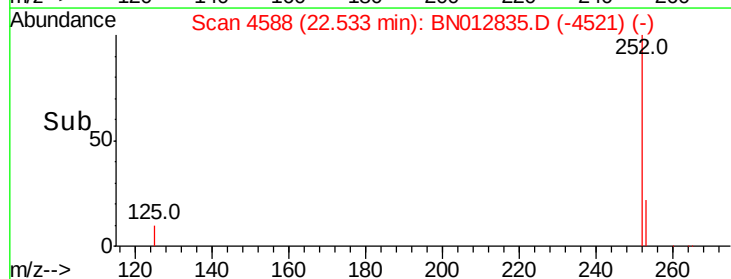
125 10.9 0.0 28.6

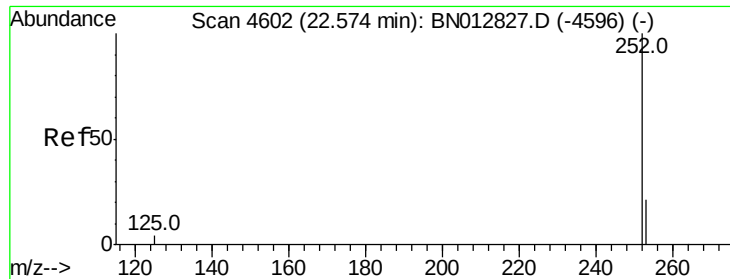


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.287 ng/ul

RT: 22.53 min Scan# 4588

Delta R.T. -0.05 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

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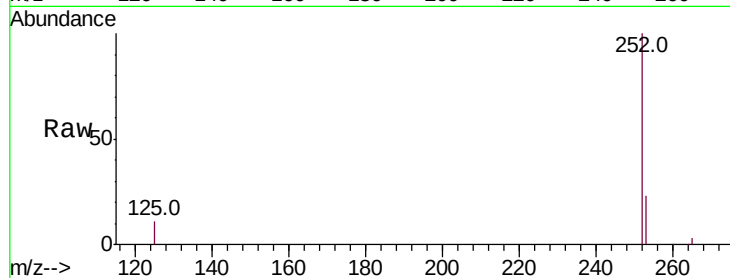
Tot Ion:252 Resp: 93448

Ion Ratio Lower Upper

252 100

253 23.0 23.4 35.2#

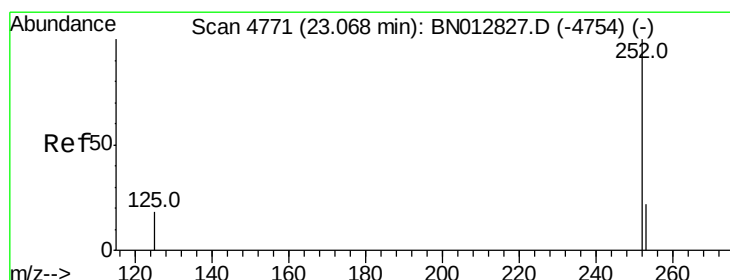
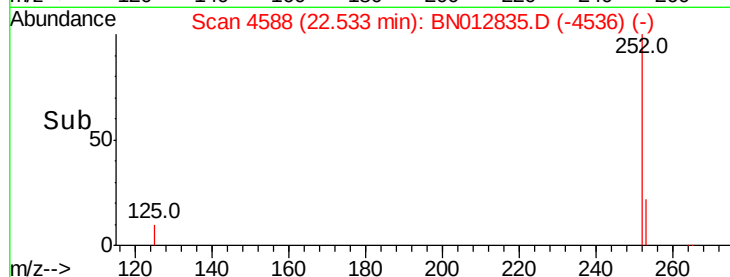
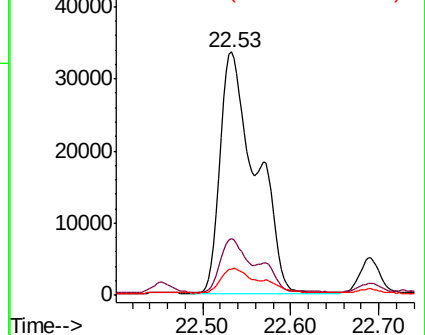
125 10.9 10.2 15.2



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: 1.981 ng/ul

RT: 23.06 min Scan# 4768

Delta R.T. -0.01 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

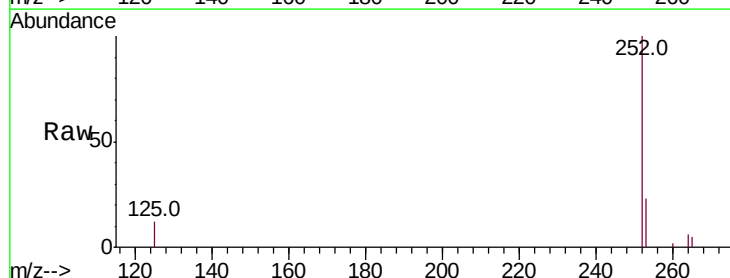
Tgt Ion:252 Resp: 45952

Ion Ratio Lower Upper

252 100

253 23.4 27.6 41.4#

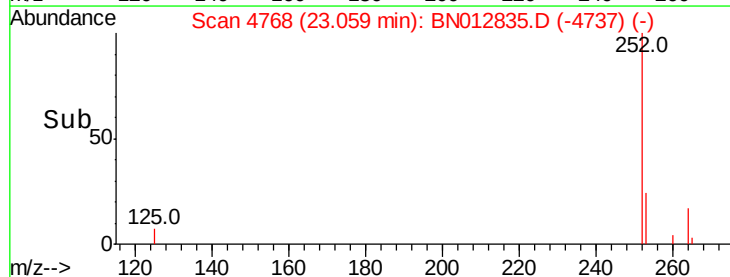
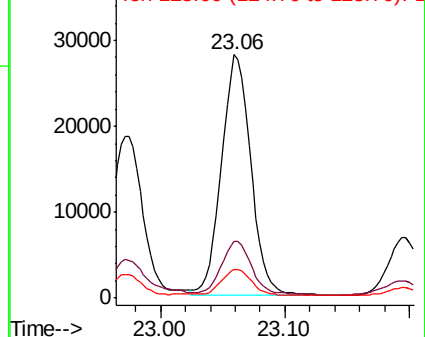
125 11.9 17.0 25.4#

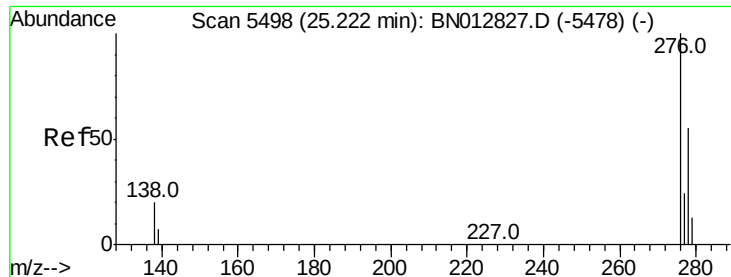


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



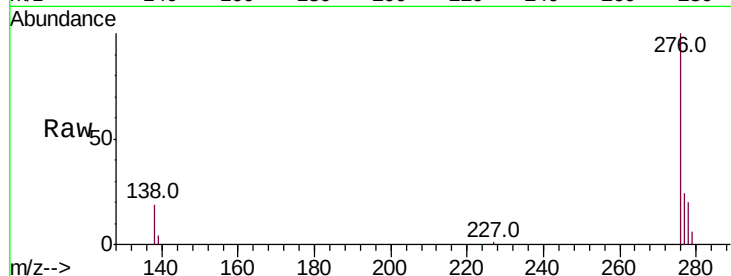


#24

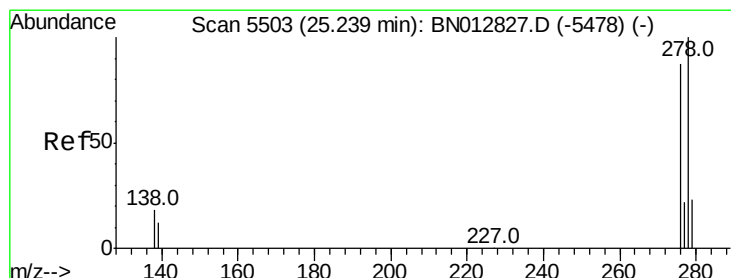
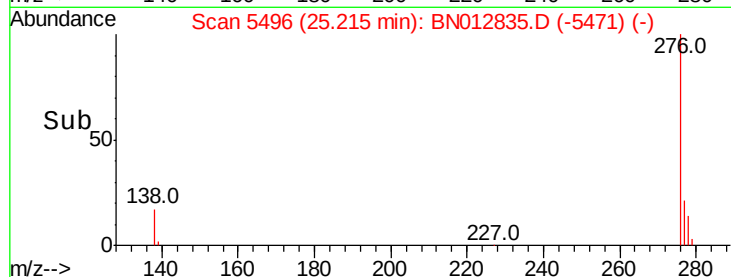
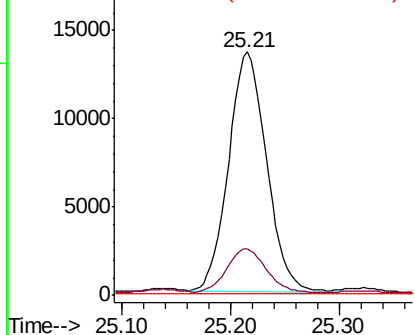
Indeno(1,2,3-cd)pyrene
Concen: 1.085 ng/ul
RT: 25.21 min Scan# 5496
Delta R.T. -0.02 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Instrument :
BNA_N
ClientSampleId :
C0B92

Tot Ion:276 Resp: 32924
Ion Ratio Lower Upper
276 100
138 18.9 16.5 24.7
227 0.2 0.1 0.1#



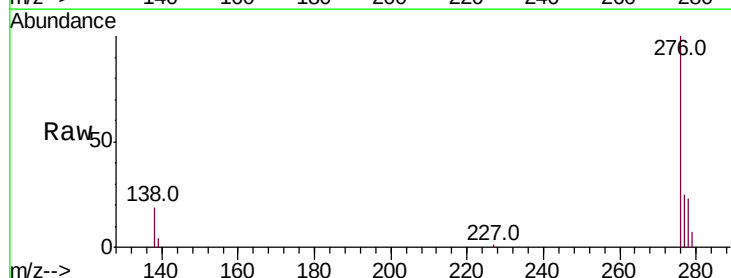
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



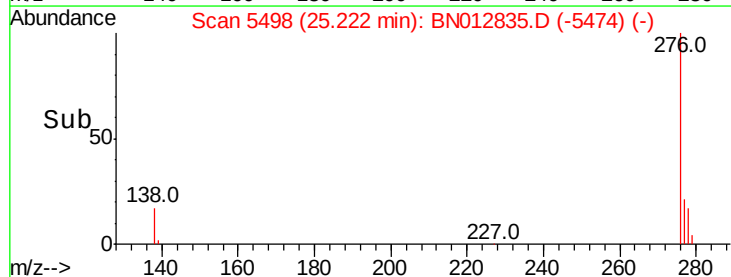
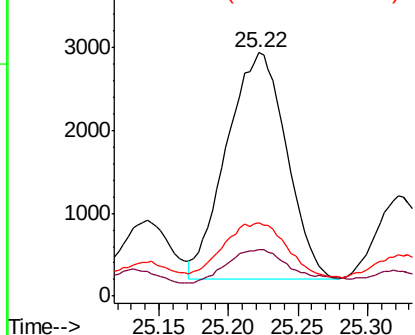
#25

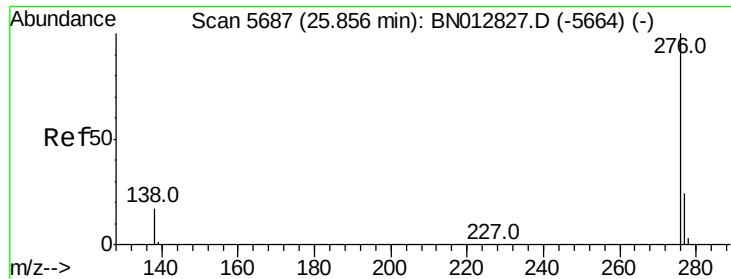
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Tgt Ion:278 Resp: 8155
Ion Ratio Lower Upper
278 100
139 19.0 13.8 20.8
279 30.1 25.6 38.4



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: 1.057 ng/ul

RT: 25.85 min Scan# 5685

Delta R.T. -0.01 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

ClientSampleId :

C0B92

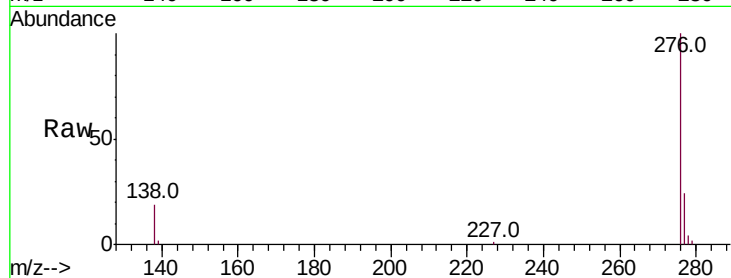
Tot Ion:276 Resp: 28859

Ion Ratio Lower Upper

276 100

138 19.0 16.3 24.5

277 24.4 21.8 32.8



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

