

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012833.D
 Acq On : 02 Dec 2020 23:45
 Operator : CG/JU
 Sample : L4865-07
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B91

Quant Time: Dec 03 00:46:00 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

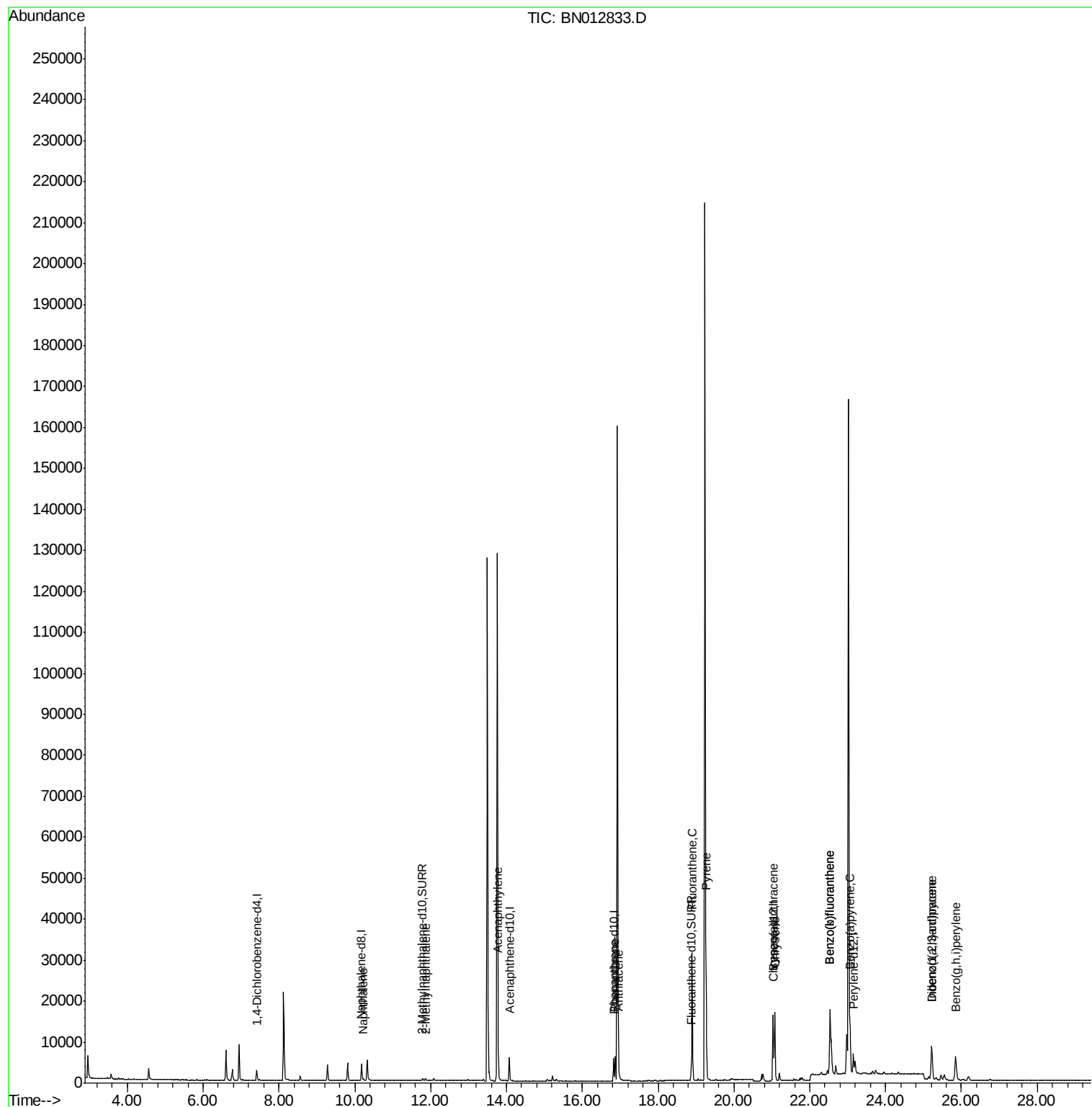
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1304	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	5438	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	3100	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	6494	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5291	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5447	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	811	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1878	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	547	0.033	ng/ul#	79
5) 2-Methylnaphthalene	11.86	142	376	0.036	ng/ul	92
7) Acenaphthylene	13.79	152	570	0.038	ng/ul#	75
12) Phenanthrene	16.87	178	6208	0.275	ng/ul	98
13) Anthracene	16.96	178	1211	0.062	ng/ul#	92
15) Fluoranthene	18.90	202	26903	1.031	ng/ul	99
17) Pyrene	19.26	202	24809	1.048	ng/ul	98
18) Benzo(a)anthracene	21.03	228	12598	0.664	ng/ul	99
19) Chrysene	21.08	228	15981	0.675	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	33331	1.330	ng/ul	93
22) Benzo(k)fluoranthene	22.53	252	33331	1.153	ng/ul	94
23) Benzo(a)pyrene	23.06	252	15601	0.662	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.22	276	12404	0.402	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.22	278	2692	0.109	ng/ul#	85
26) Benzo(g,h,i)perylene	25.85	276	11563	0.417	ng/ul	97

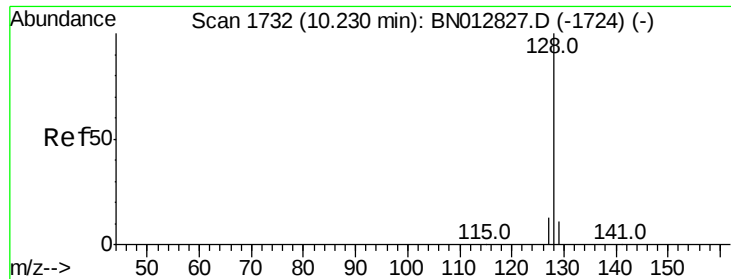
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 00:46:00 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





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.22 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B91

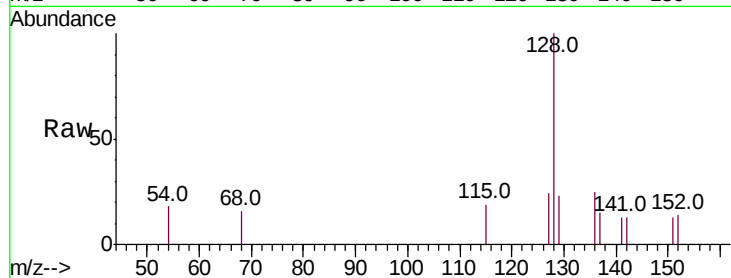
Tot Ion:128 Resp: 547

Ion Ratio Lower Upper

128 100

129 23.0 11.2 16.8#

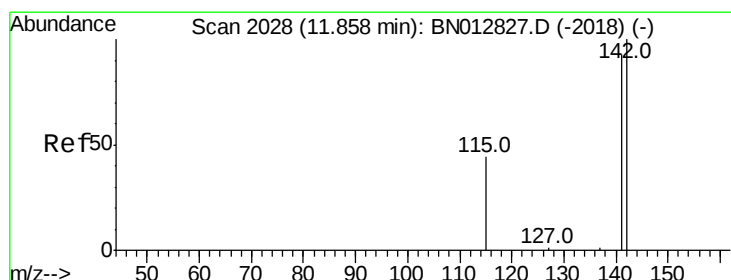
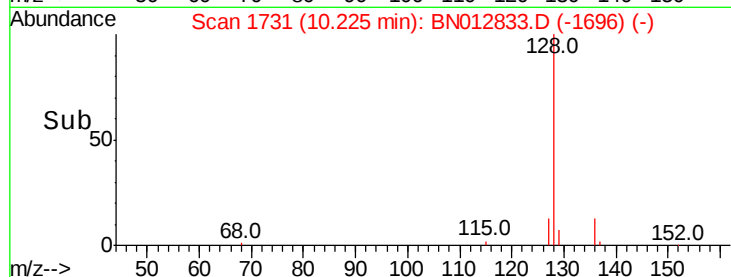
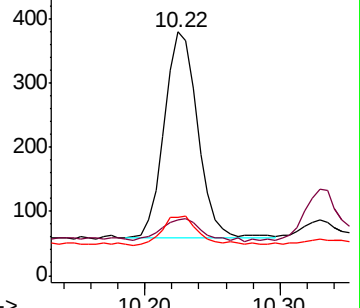
127 24.0 12.5 18.7#



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: 0.036 ng/ul

RT: 11.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BN012833.D

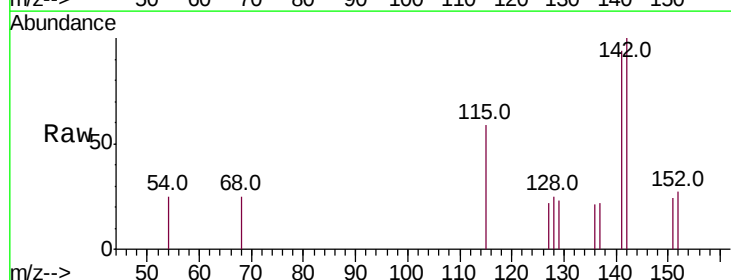
Acq: 02 Dec 2020 23:45

Tgt Ion:142 Resp: 376

Ion Ratio Lower Upper

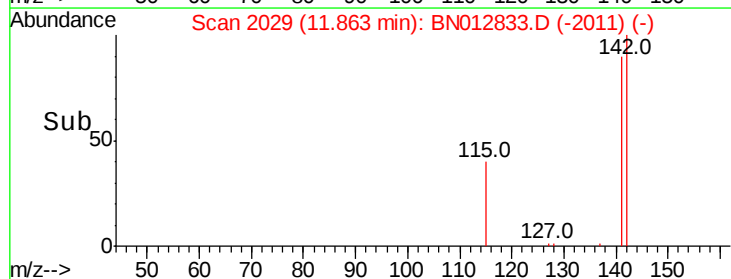
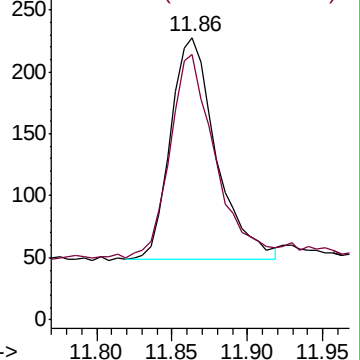
142 100

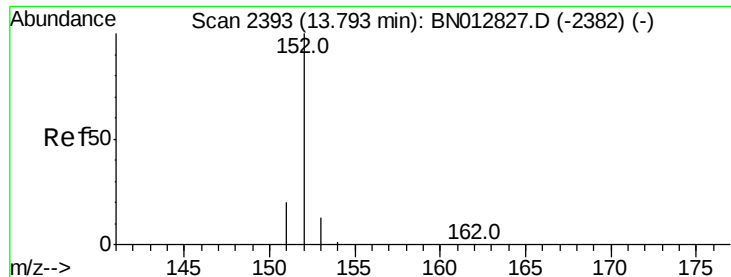
141 97.9 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B91

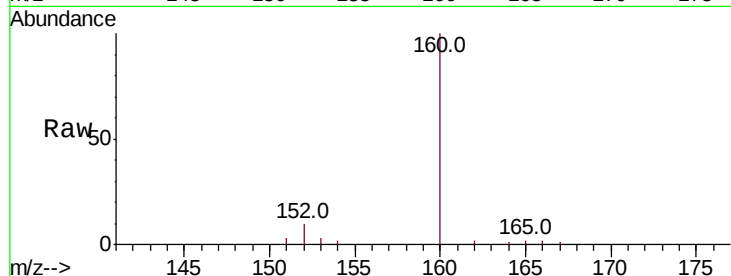
Tot Ion:152 Resp: 570

Ion Ratio Lower Upper

152 100

151 32.6 17.1 25.7#

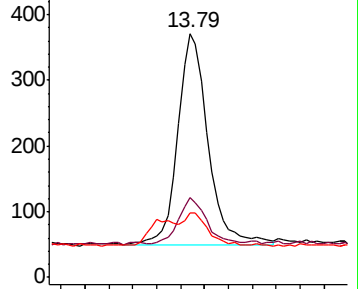
153 26.7 12.6 19.0#



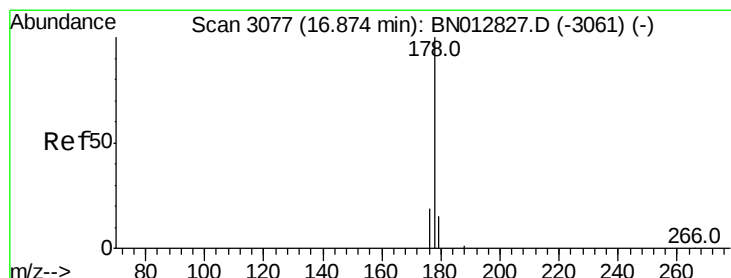
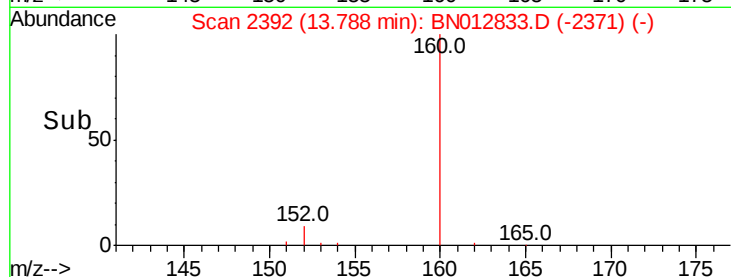
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.275 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

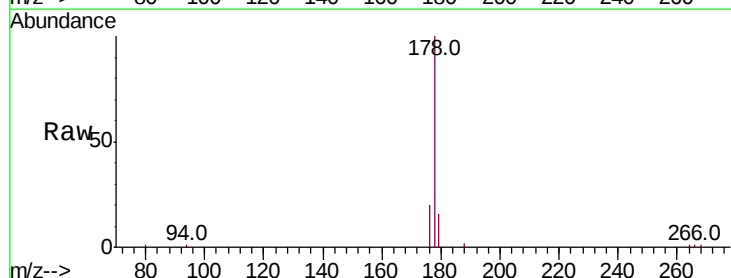
Tgt Ion:178 Resp: 6208

Ion Ratio Lower Upper

178 100

179 16.0 13.8 20.6

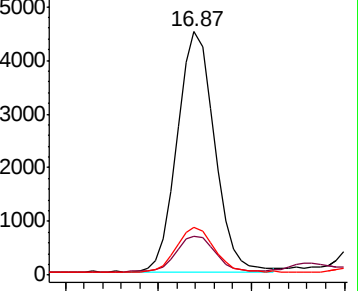
176 19.9 16.7 25.1



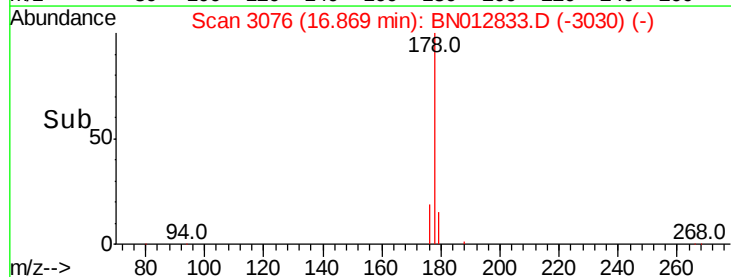
Abundance Ion 178.00 (177.70 to 178.70): E

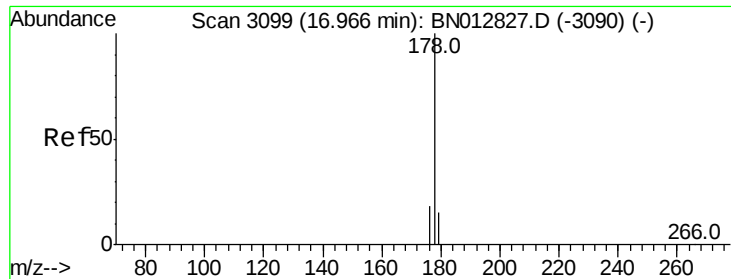
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.062 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B91

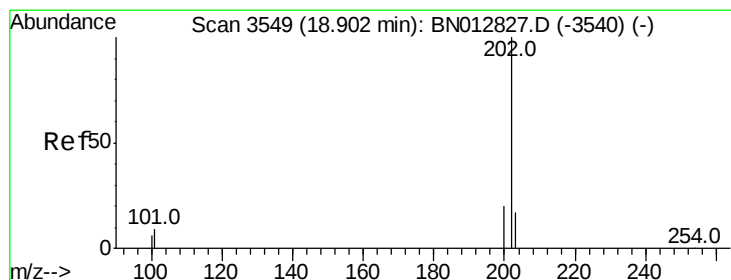
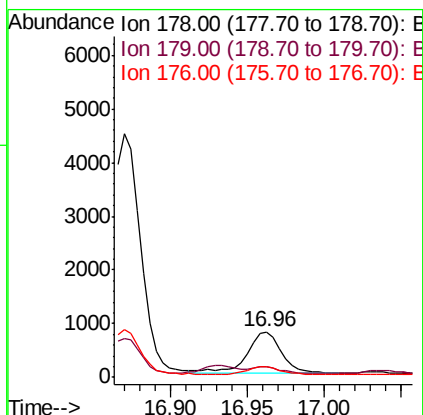
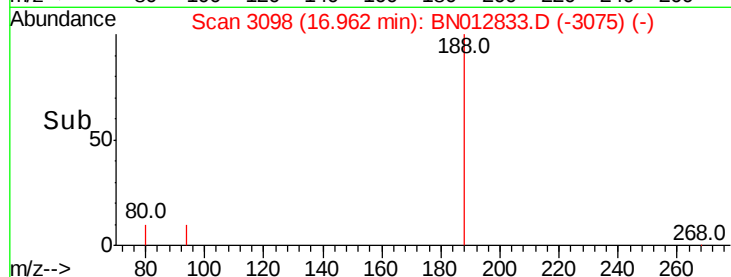
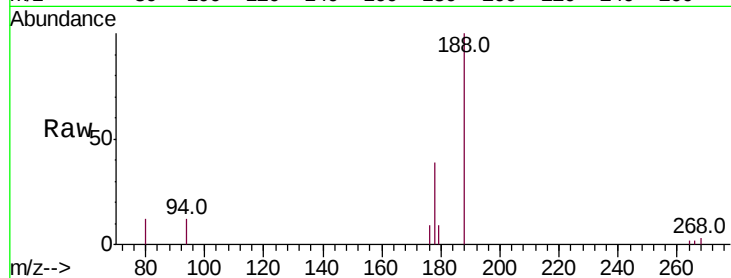
Tot Ion:178 Resp: 1211

Ion Ratio Lower Upper

178 100

179 22.3 14.8 22.2#

176 24.1 16.3 24.5



#15

Fluoranthene

Concen: 1.031 ng/ul

RT: 18.90 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

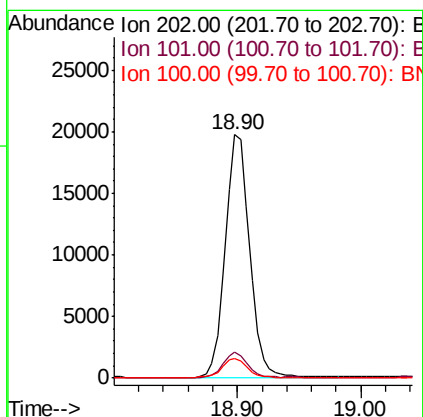
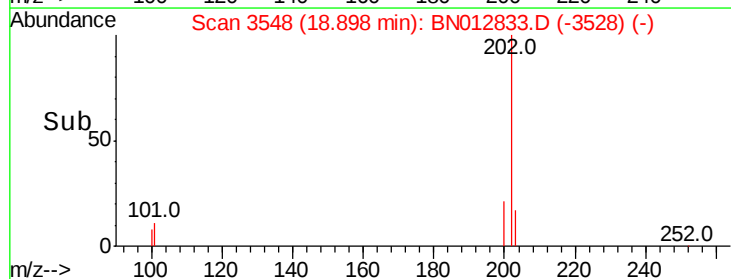
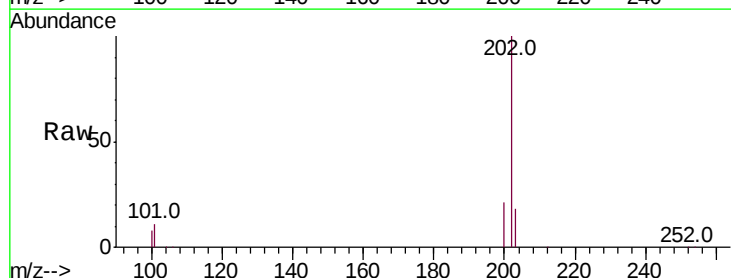
Tgt Ion:202 Resp: 26903

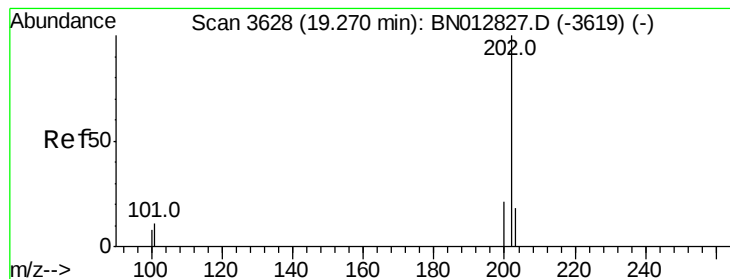
Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.5

100 8.3 0.0 28.4





#17

Pvrene

Concen: 1.048 ng/ul

RT: 19.26 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B91

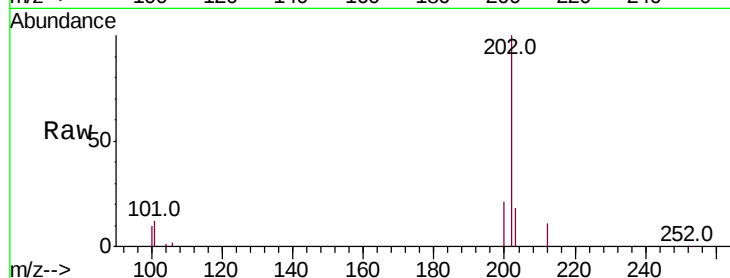
Tot Ion:202 Resp: 24809

Ion Ratio Lower Upper

202 100

101 12.0 8.9 13.3

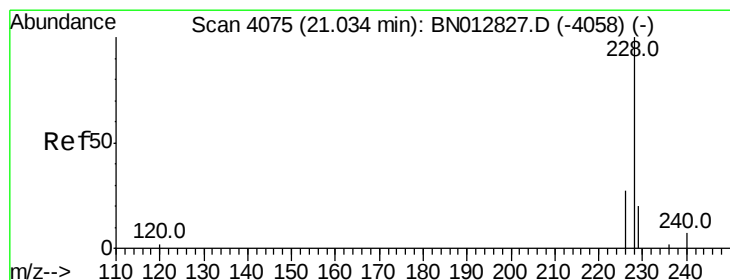
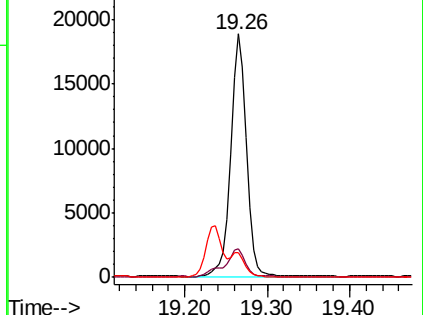
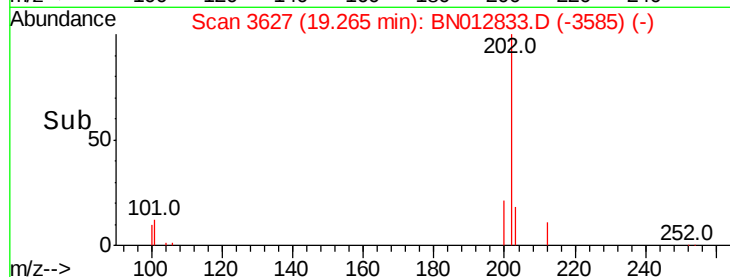
100 10.0 7.4 11.2



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: 0.664 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

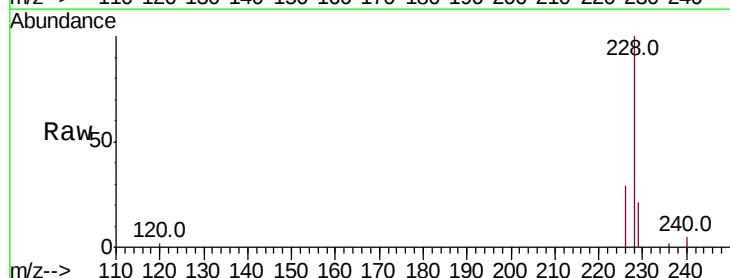
Tgt Ion:228 Resp: 12598

Ion Ratio Lower Upper

228 100

229 20.6 16.9 25.3

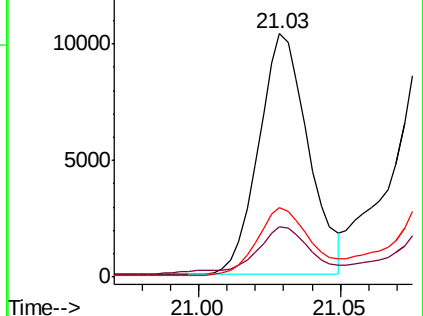
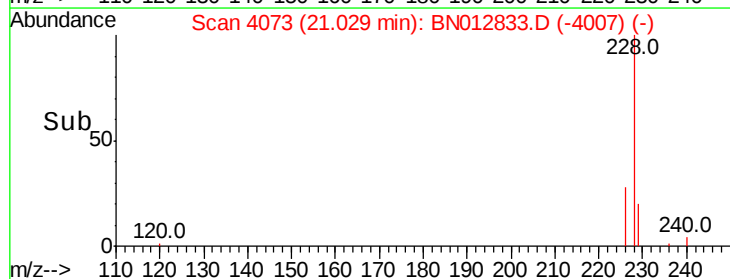
226 28.6 23.1 34.7

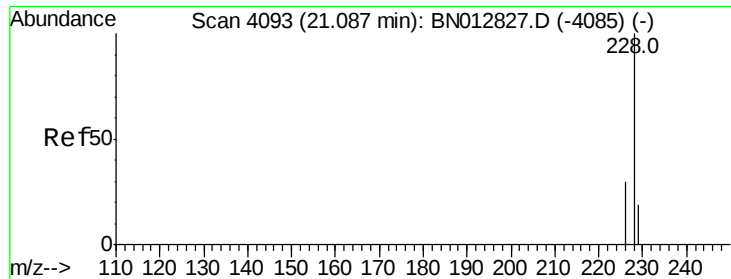


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.675 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B91

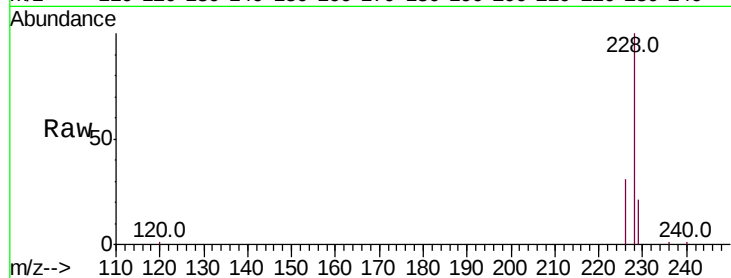
Tot Ion:228 Resp: 15981

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

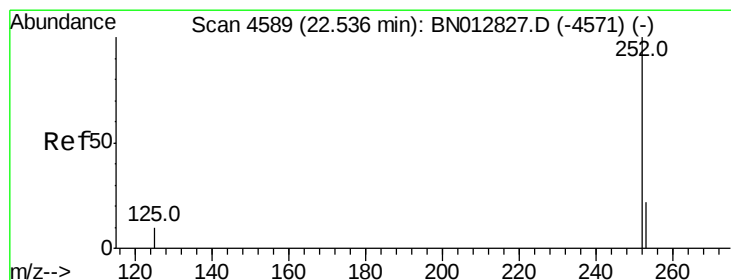
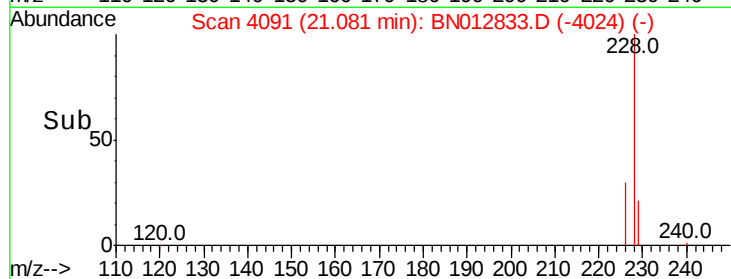
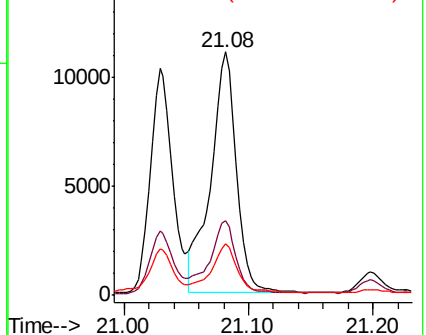
229 21.3 16.1 24.1



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: 1.330 ng/ul

RT: 22.53 min Scan# 4587

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

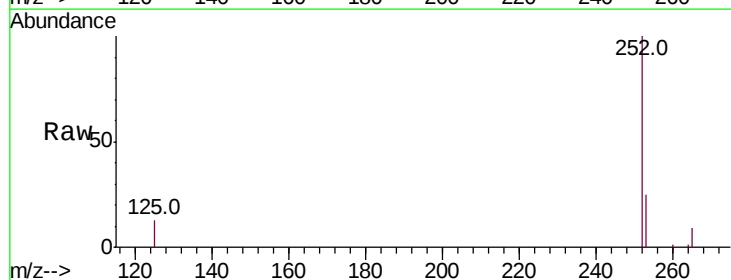
Tgt Ion:252 Resp: 33331

Ion Ratio Lower Upper

252 100

253 24.5 0.0 58.4

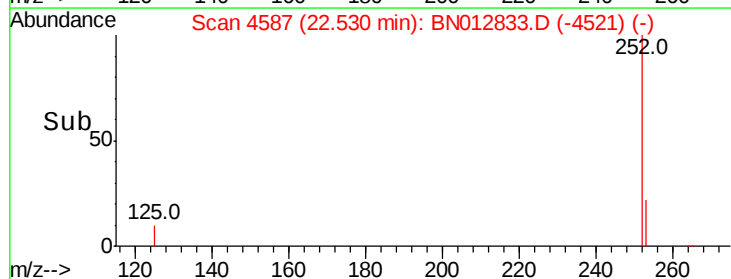
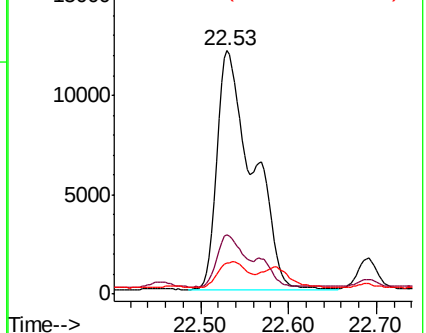
125 12.8 0.0 28.6

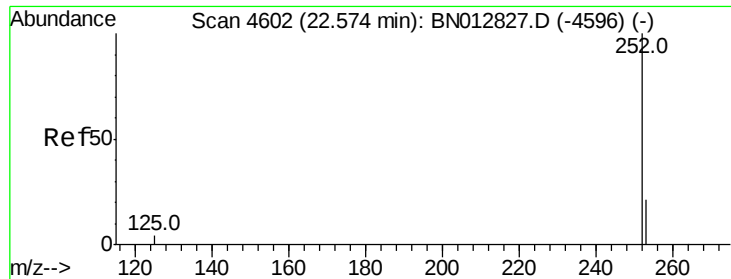


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.153 ng/ul

RT: 22.53 min Scan# 4587

Delta R.T. -0.05 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

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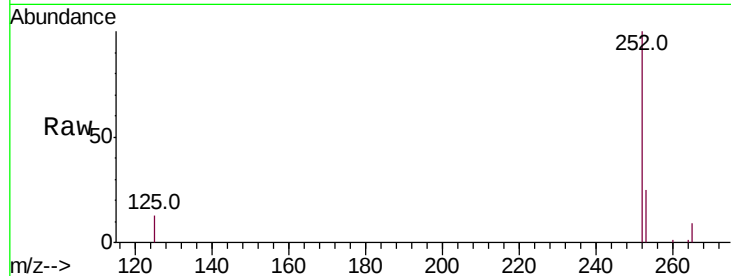
Tot Ion:252 Resp: 33331

Ion Ratio Lower Upper

252 100

253 24.5 23.4 35.2

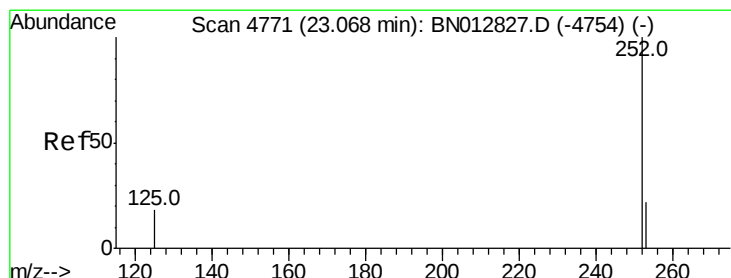
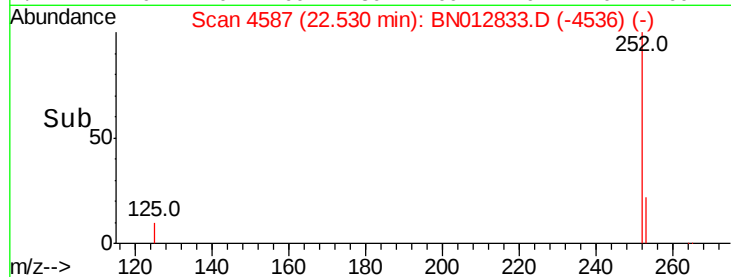
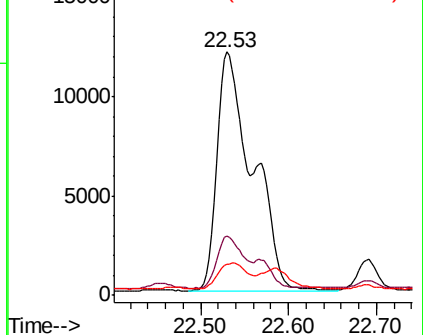
125 12.8 10.2 15.2



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: 0.662 ng/ul

RT: 23.06 min Scan# 4768

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

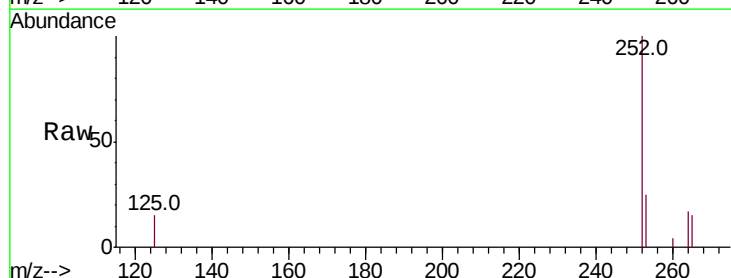
Tgt Ion:252 Resp: 15601

Ion Ratio Lower Upper

252 100

253 24.9 27.6 41.4#

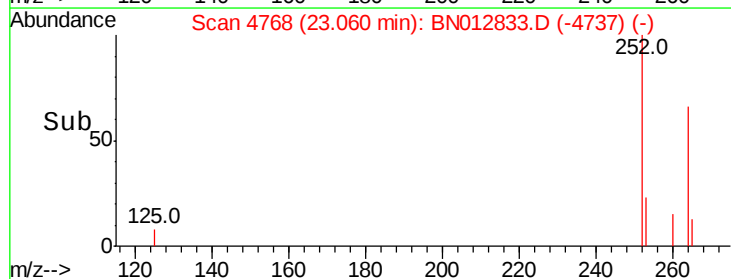
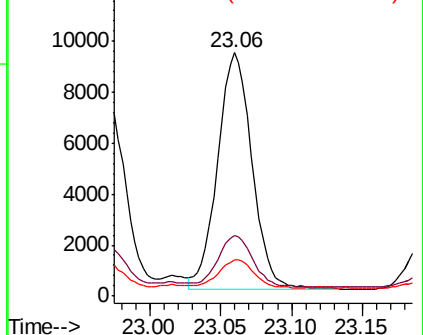
125 15.1 17.0 25.4#

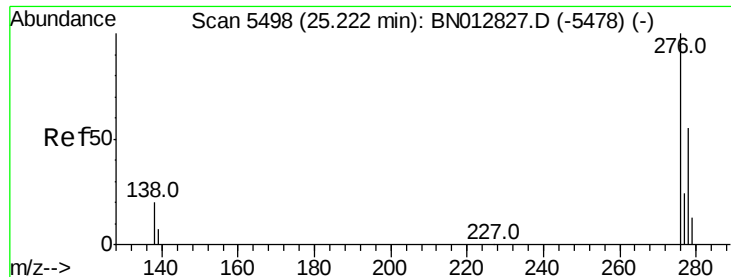


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



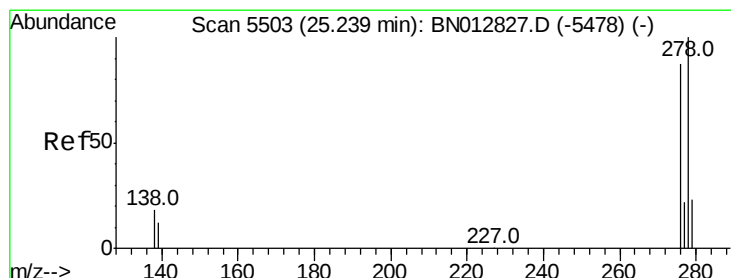
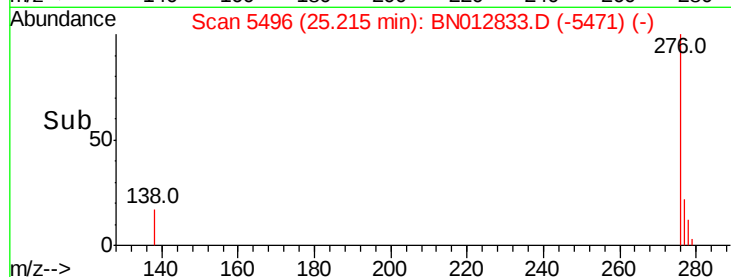
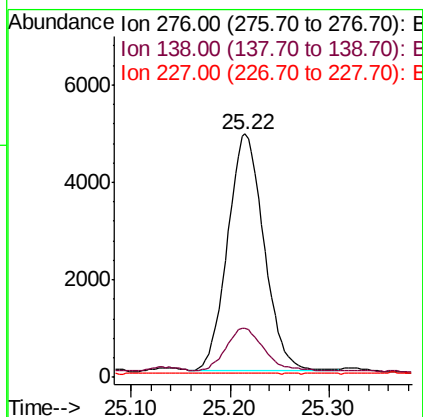
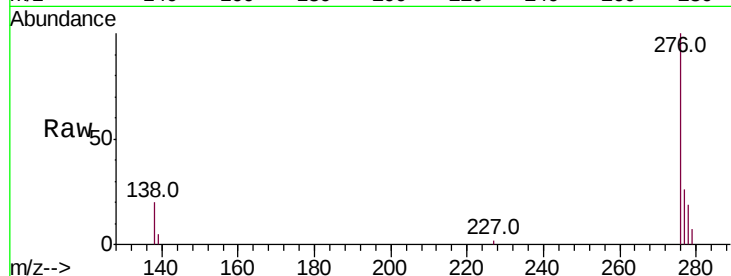


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/u1
RT: 25.22 min Scan# 5496
Delta R.T. -0.02 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Instrument :
BNA_N
ClientSampleId :
C0B91

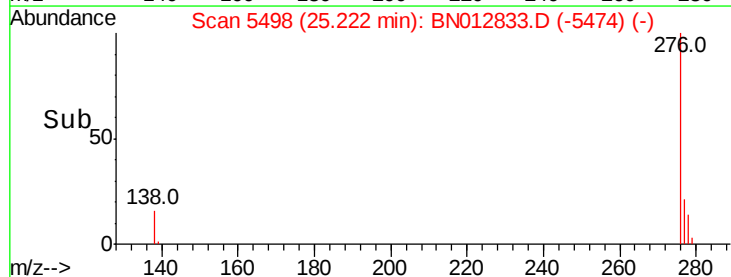
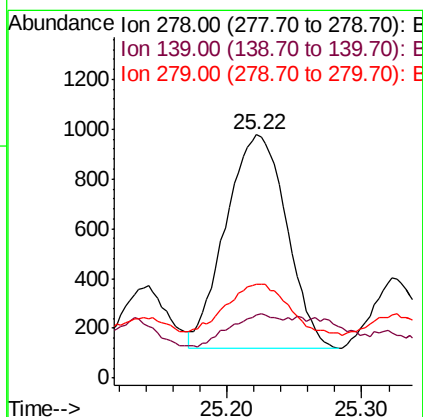
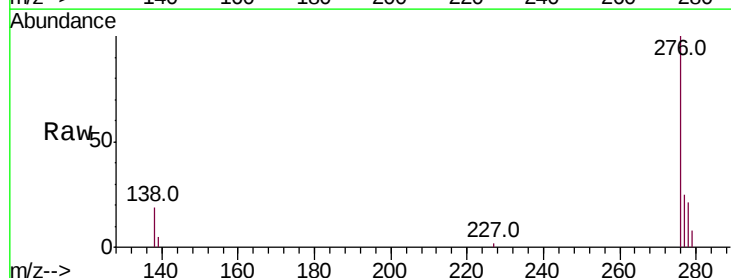
Tot Ion:276 Resp: 12404
Ion Ratio Lower Upper
276 100
138 19.0 16.5 24.7
227 0.0 0.1 0.1#

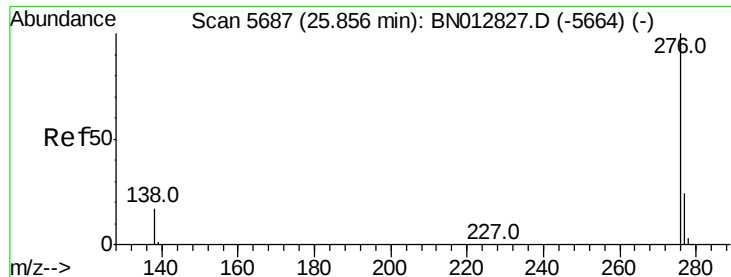


#25

Dibenzo(a,h)anthracene
Concen: 0.109 ng/u1
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Tgt Ion:278 Resp: 2692
Ion Ratio Lower Upper
278 100
139 26.0 13.8 20.8#
279 38.8 25.6 38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.417 ng/ul

RT: 25.85 min Scan# 5684

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B91

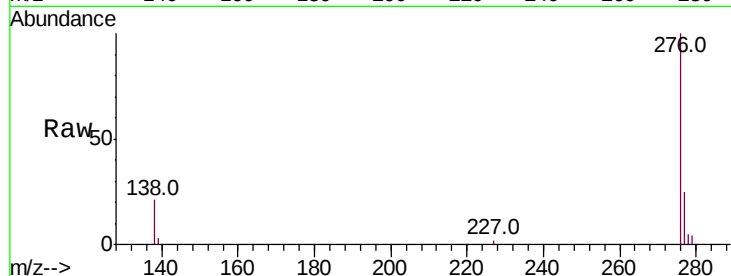
Tot Ion:276 Resp: 11563

Ion Ratio Lower Upper

276 100

138 21.2 16.3 24.5

277 25.0 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

