

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012283.D
 Acq On : 17 Oct 2020 00:54
 Operator : CG/JU
 Sample : L4201-17DL 10X
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 03:21:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

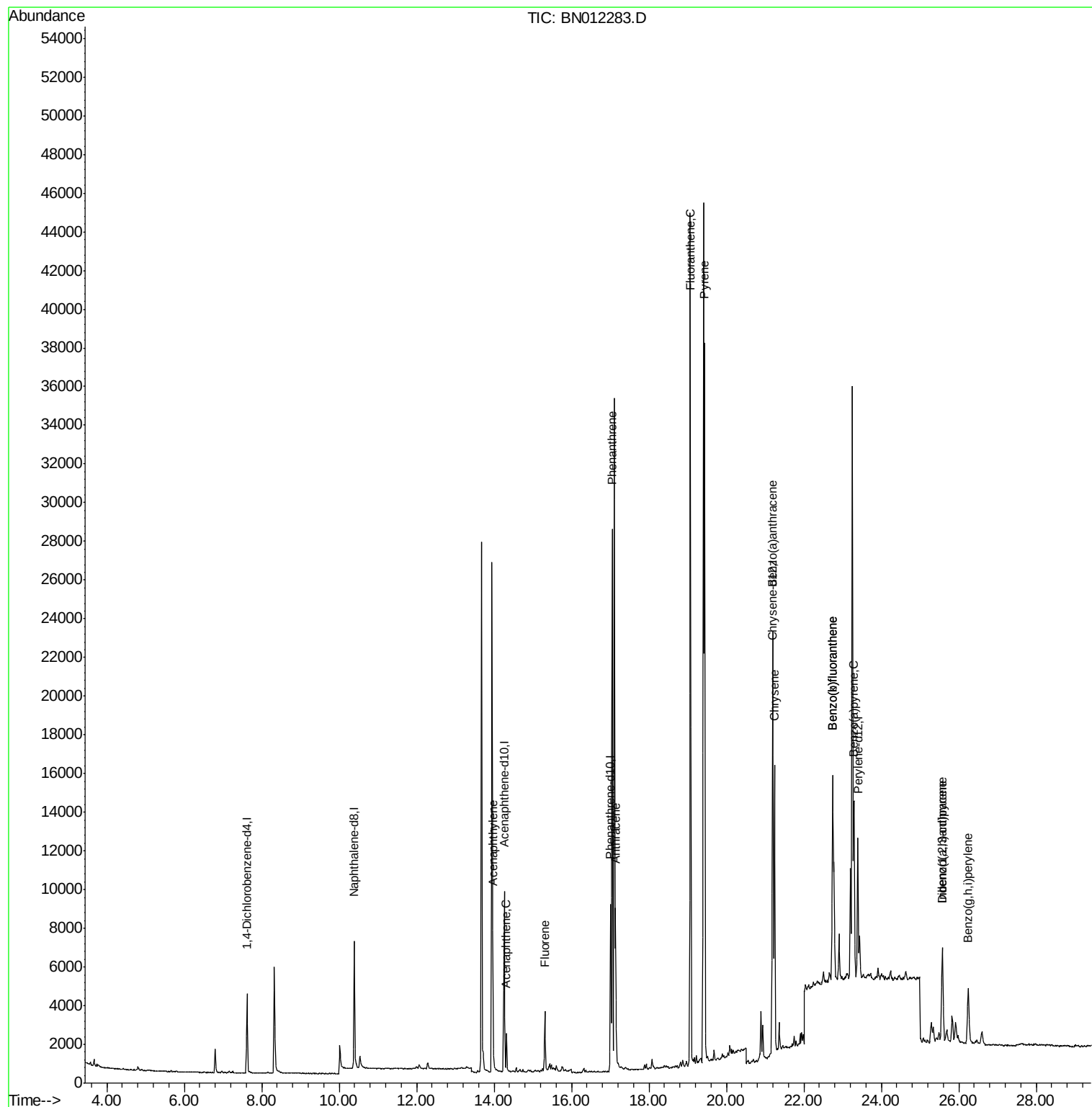
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5269	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10400	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8502	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	8722	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	237	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	491	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.97	152	777	0.034	ng/ul#	80
8) Acenaphthene	14.32	153	1154	0.060	ng/ul	97
9) Fluorene	15.31	166	2082	0.097	ng/ul	98
12) Phenanthrene	17.05	178	29038	0.876	ng/ul	98
13) Anthracene	17.14	178	8465	0.298	ng/ul	100
15) Fluoranthene	19.07	202	38770	1.000	ng/ul	98
17) Pyrene	19.44	202	30739	0.802	ng/ul	99
18) Benzo(a)anthracene	21.19	228	17196	0.546	ng/ul	98
19) Chrysene	21.24	228	14345	0.374	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	23458	0.666	ng/ul	95
22) Benzo(k)fluoranthene	22.74	252	23458	0.602	ng/ul#	93
23) Benzo(a)pyrene	23.30	252	11697	0.341	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.58	276	7237	0.164	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	2136	0.061	ng/ul#	36
26) Benzo(g,h,i)perylene	26.24	276	5721	0.142	ng/ul#	82

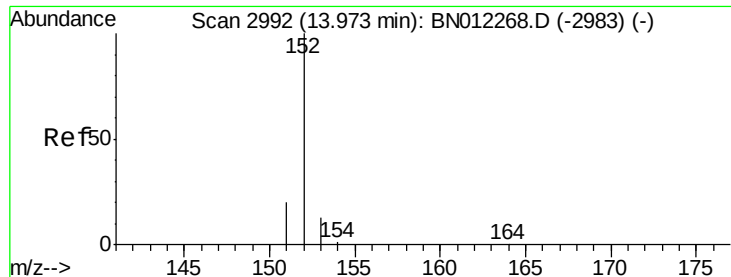
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 23:42:05 2020
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#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

Instrument :

BNA_N

ClientSampleId :

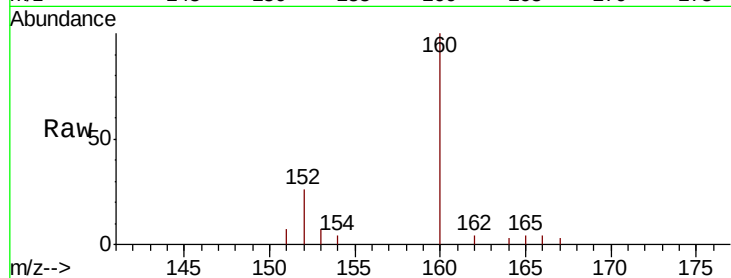
Tot Ion:152 Resp: 777

Ion Ratio Lower Upper

152 100

151 28.7 16.7 25.1#

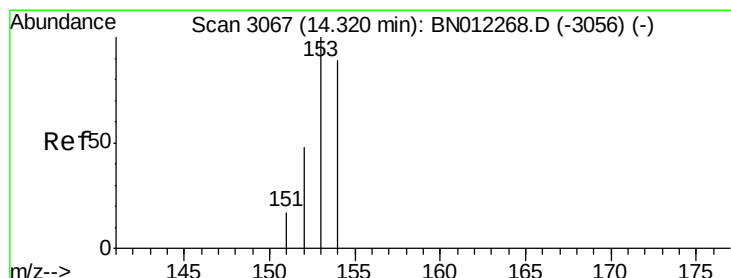
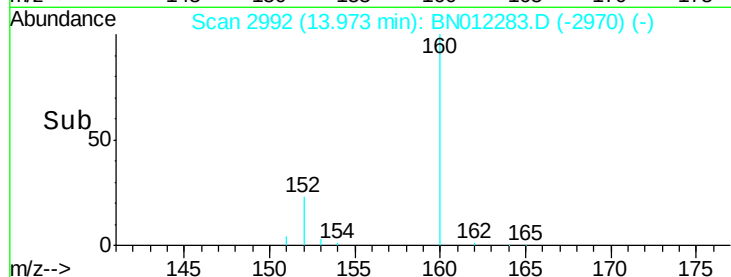
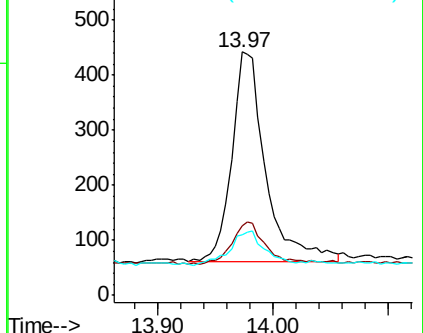
153 25.1 11.8 17.8#



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



#8

Acenaphthene

Concen: 0.060 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

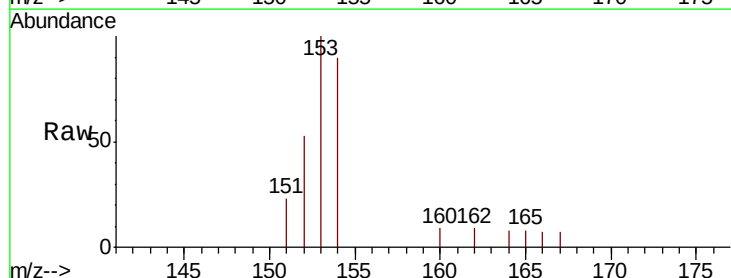
Tgt Ion:153 Resp: 1154

Ion Ratio Lower Upper

153 100

152 52.7 38.2 57.2

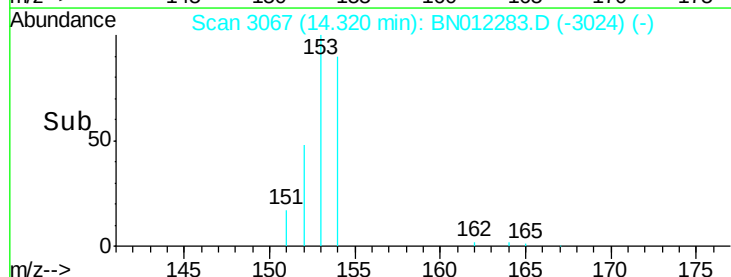
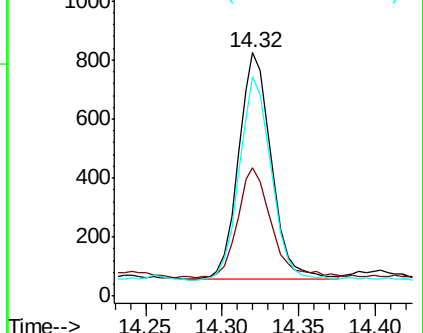
154 90.1 71.1 106.7

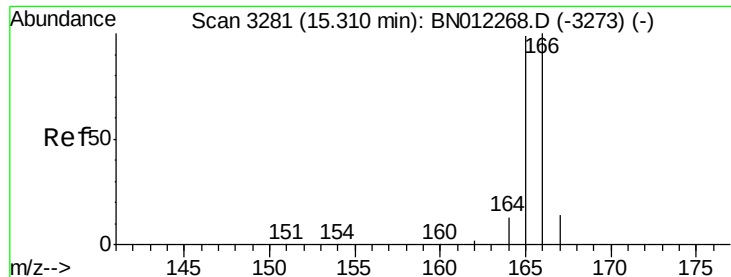


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

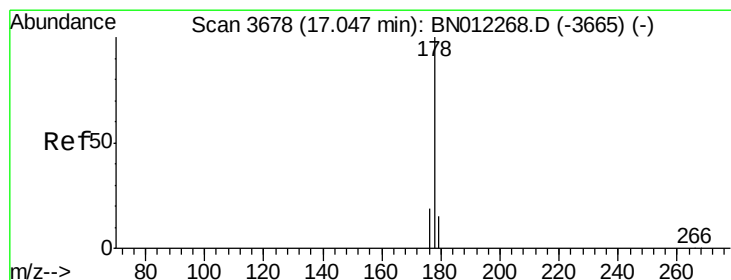
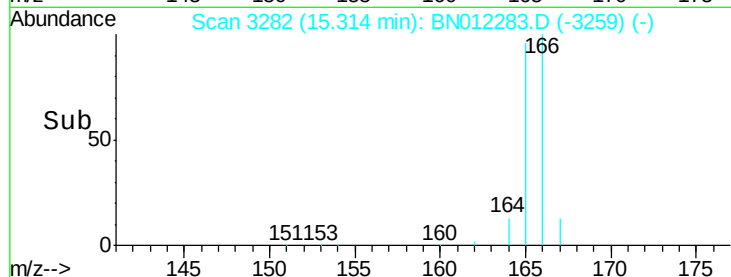
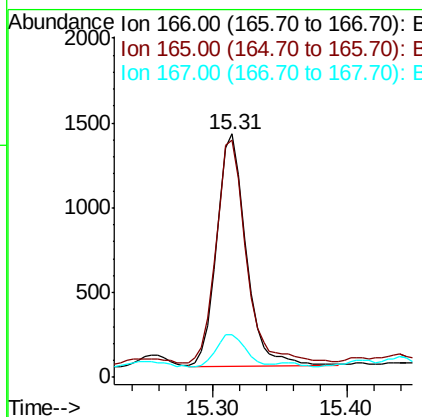
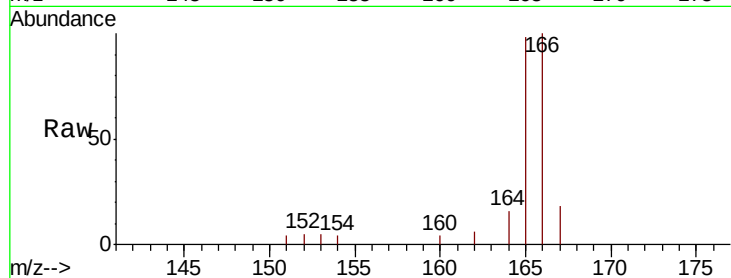




#9
Fluorene
 Concen: 0.097 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012283.D
 Acq: 17 Oct 2020 00:54

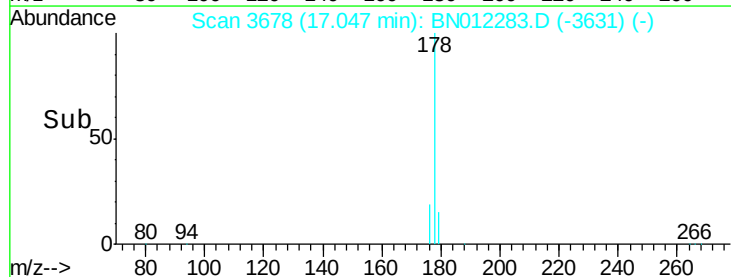
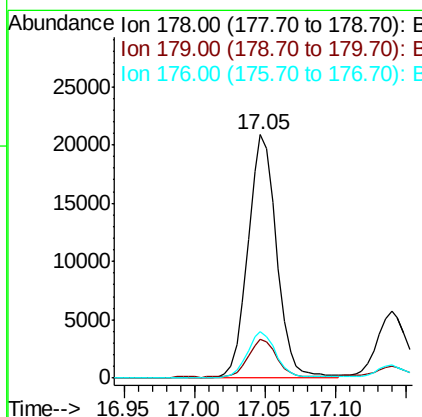
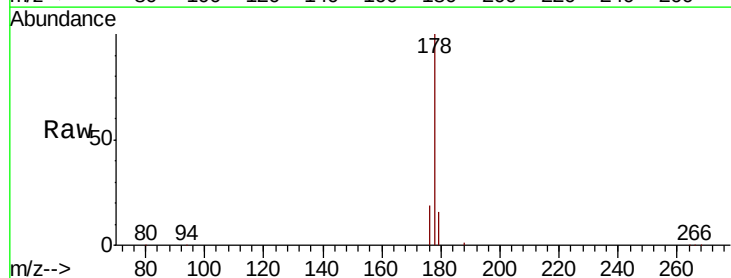
Instrument :
 BNA_N
 ClientSampleId :

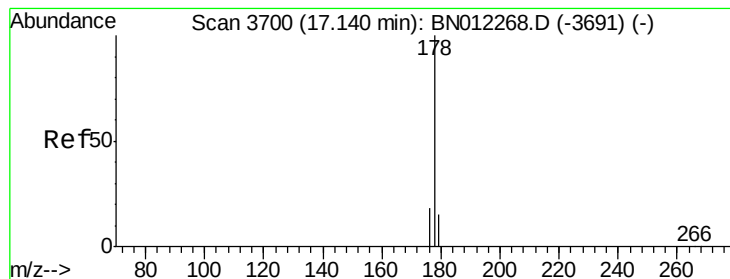
Tot Ion:166 Resp: 2082
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.6 118.0
 167 17.6 11.9 17.9



#12
Phenanthrene
 Concen: 0.876 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012283.D
 Acq: 17 Oct 2020 00:54

Tgt Ion:178 Resp: 29038
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.4 20.2
 176 19.0 15.7 23.5





#13

Anthracene

Concen: 0.298 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

Instrument :

BNA_N

ClientSampleId :

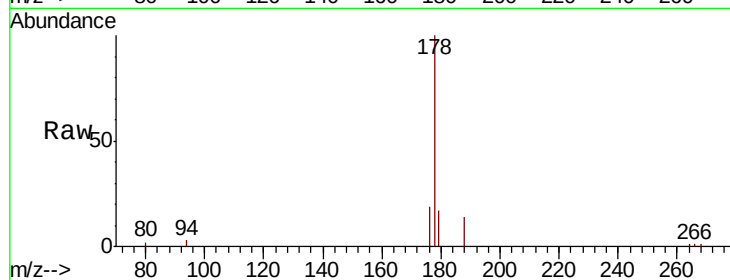
Tot Ion:178 Resp: 8465

Ion Ratio Lower Upper

178 100

179 17.1 13.9 20.9

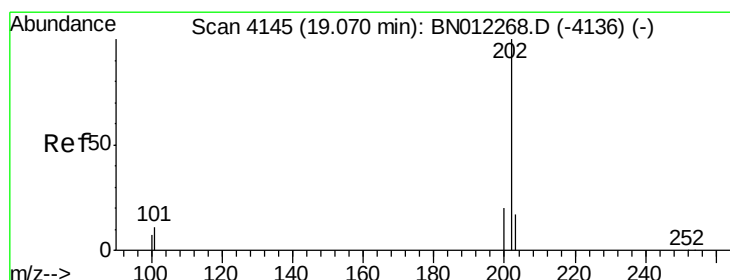
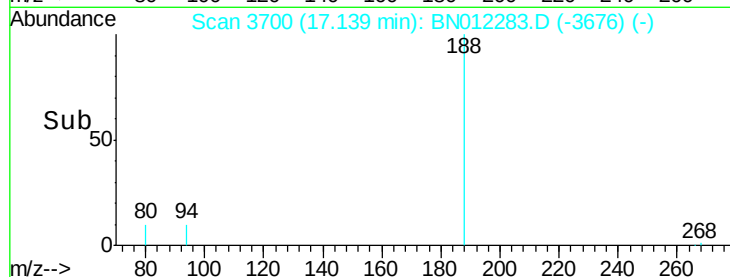
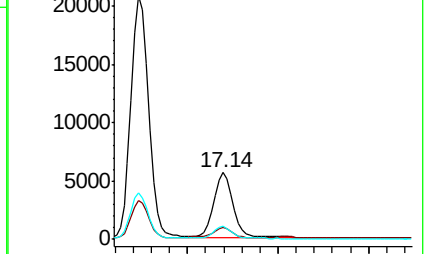
176 19.3 15.4 23.0



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: 1.000 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

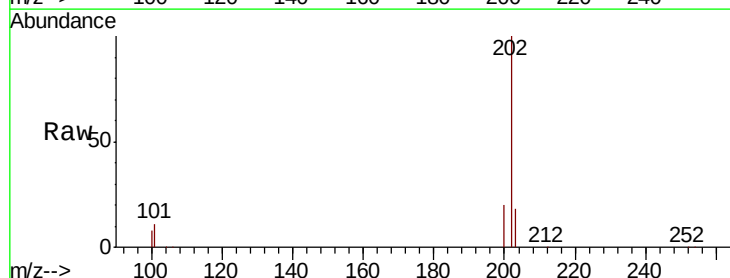
Tgt Ion:202 Resp: 38770

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.0

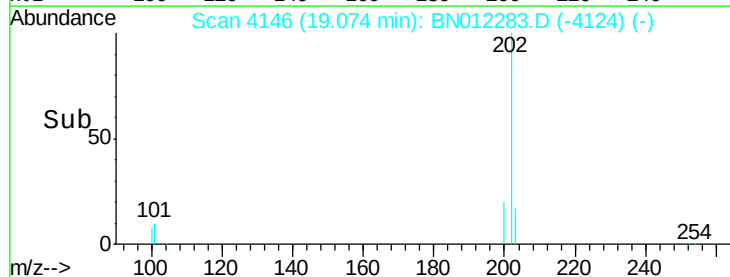
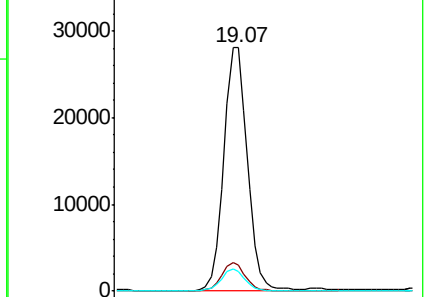
100 7.9 0.0 28.7

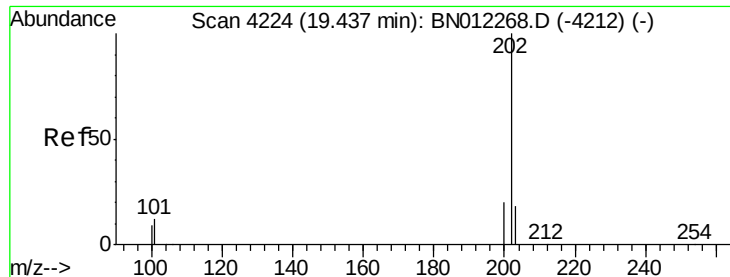


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.802 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

Instrument :

BNA_N

ClientSampleId :

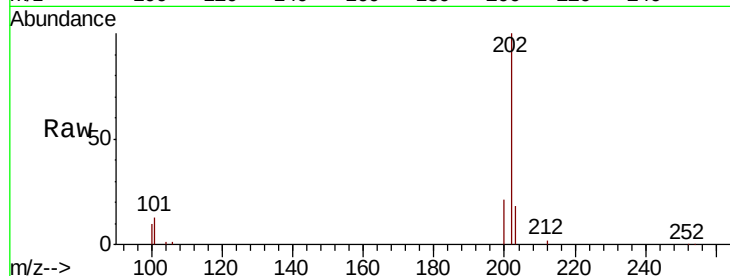
Tot Ion:202 Resp: 30739

Ion Ratio Lower Upper

202 100

101 12.6 9.9 14.9

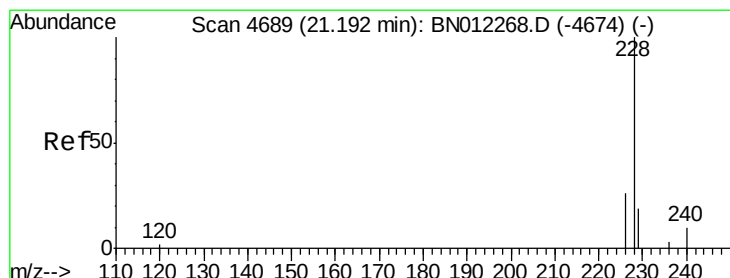
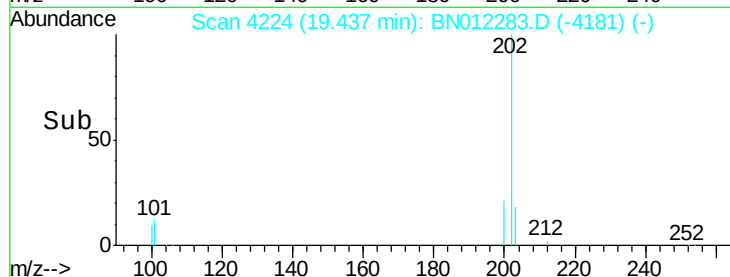
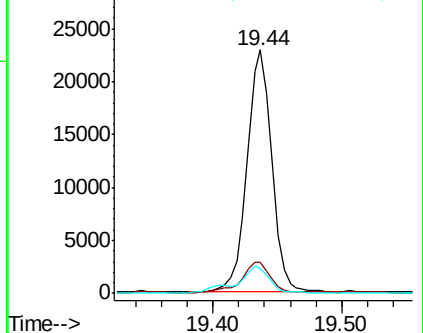
100 10.2 8.0 12.0



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): E



#18

Benzo(a)anthracene

Concen: 0.546 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

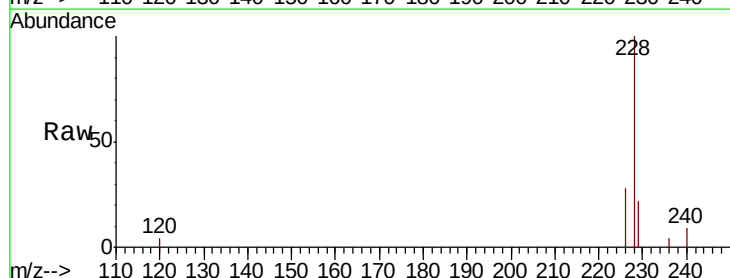
Tgt Ion:228 Resp: 17196

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.8

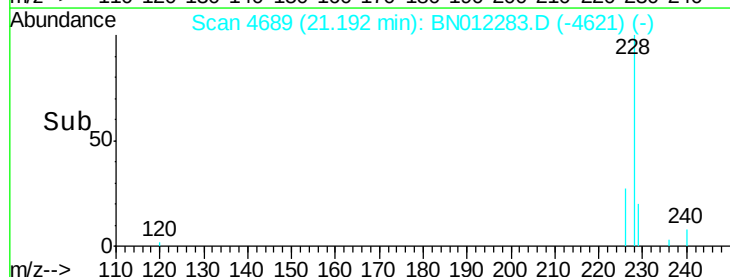
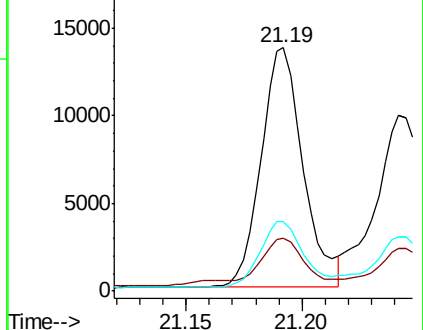
226 28.3 22.6 33.8

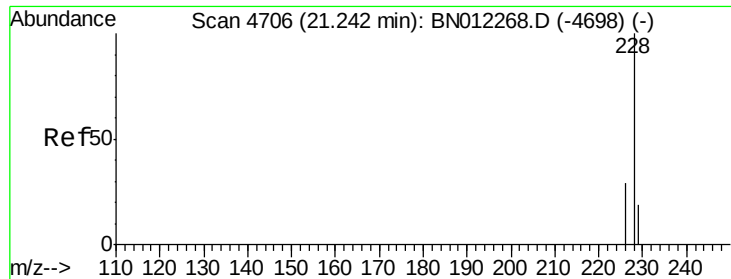


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.374 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

Instrument :

BNA_N

ClientSampleId :

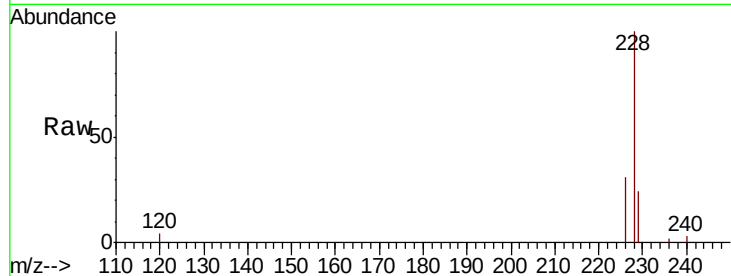
Tot Ion:228 Resp: 14345

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

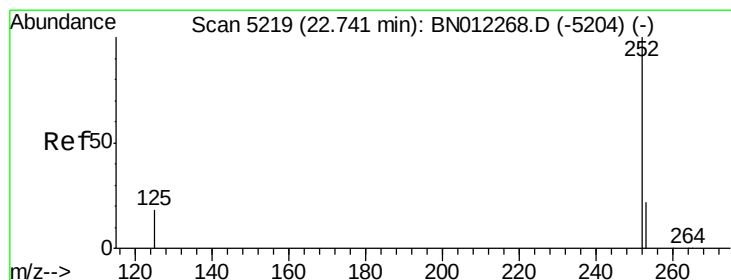
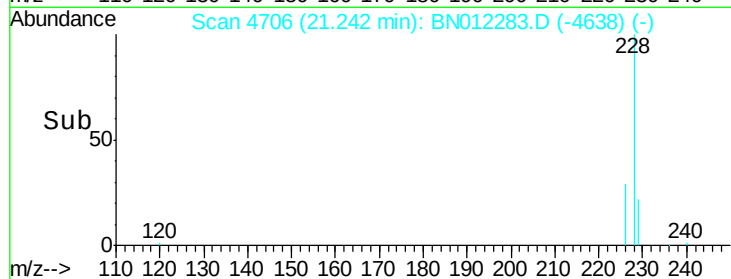
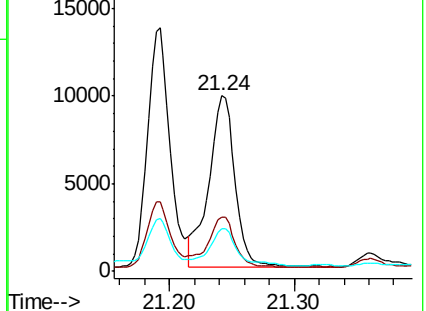
229 24.0 17.0 25.6



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: 0.666 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

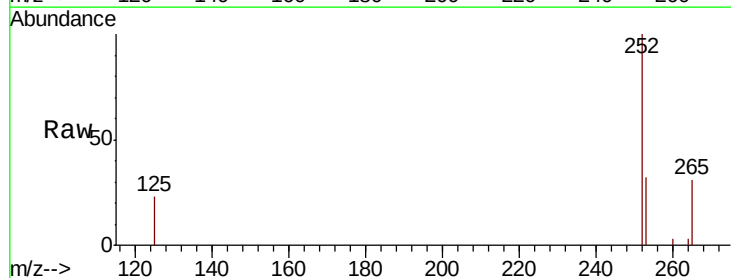
Tgt Ion:252 Resp: 23458

Ion Ratio Lower Upper

252 100

253 31.7 0.0 61.6

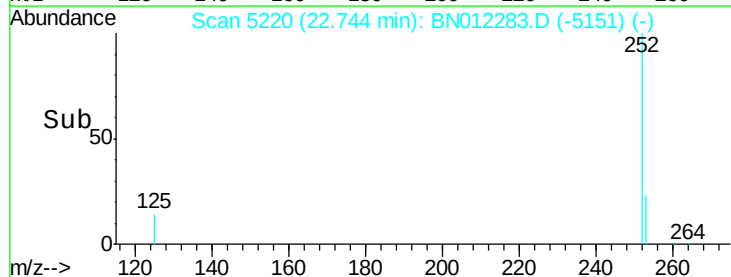
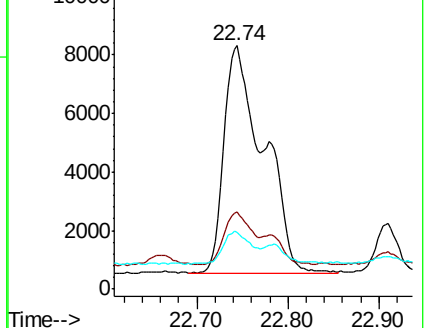
125 23.3 0.0 36.8

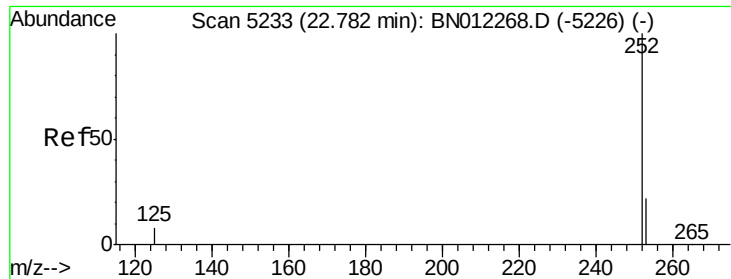


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.602 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

Instrument :

BNA_N

ClientSampleId :

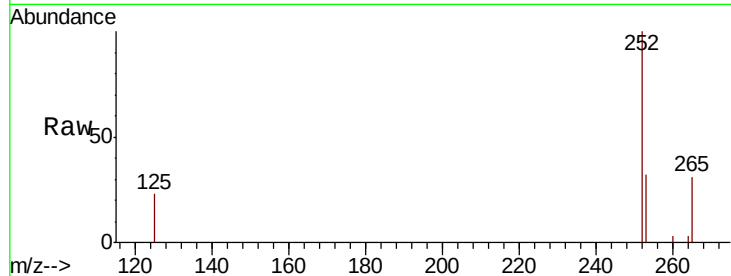
Tot Ion:252 Resp: 23458

Ion Ratio Lower Upper

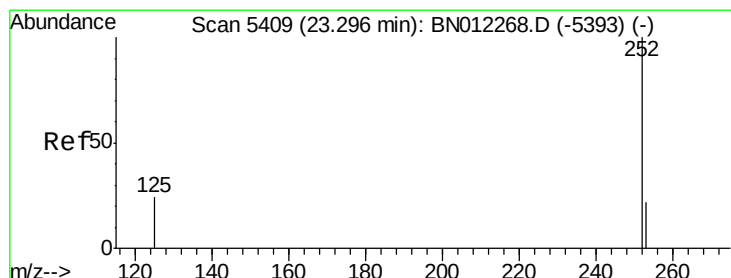
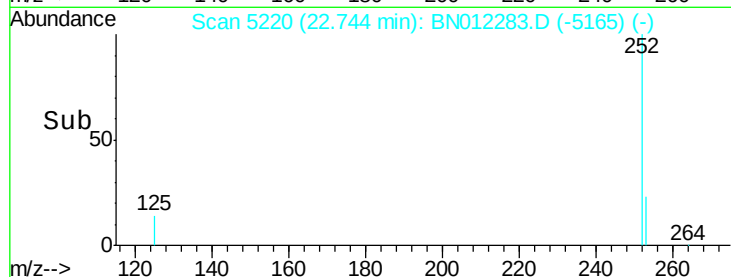
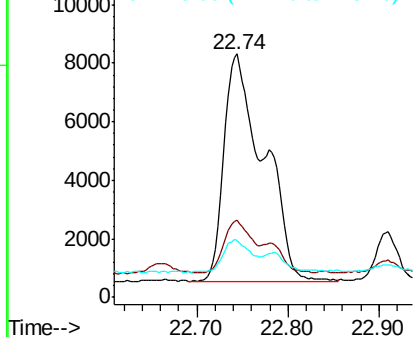
252 100

253 31.7 24.4 36.6

125 23.3 12.9 19.3#



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: 0.341 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

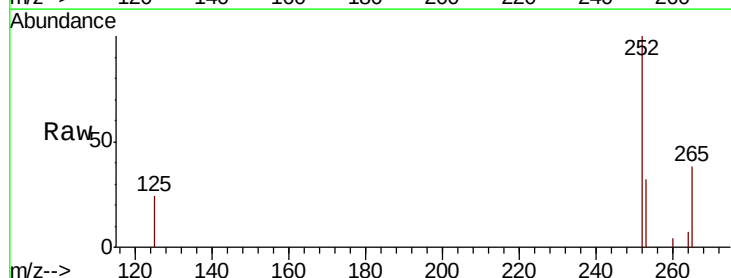
Tgt Ion:252 Resp: 11697

Ion Ratio Lower Upper

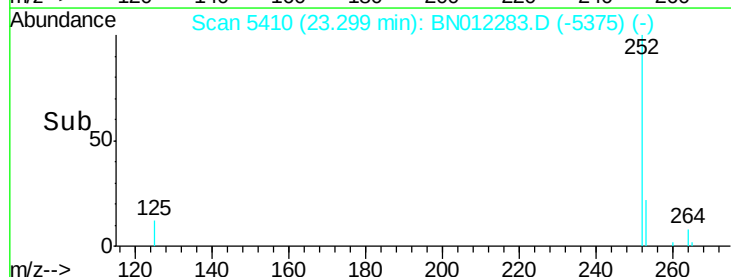
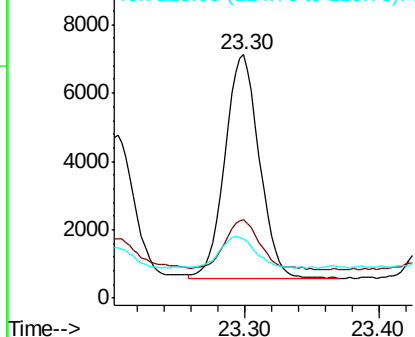
252 100

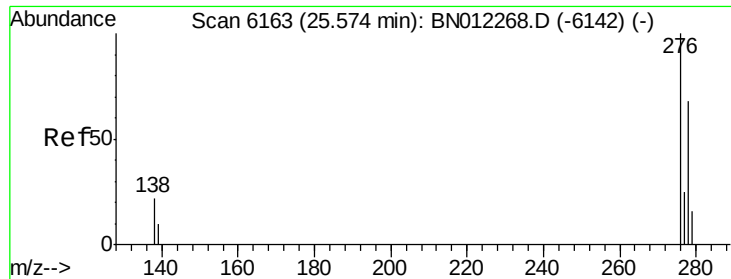
253 32.0 27.0 40.4

125 24.2 18.8 28.2



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

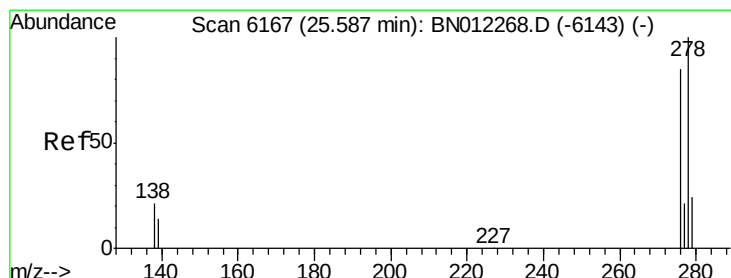
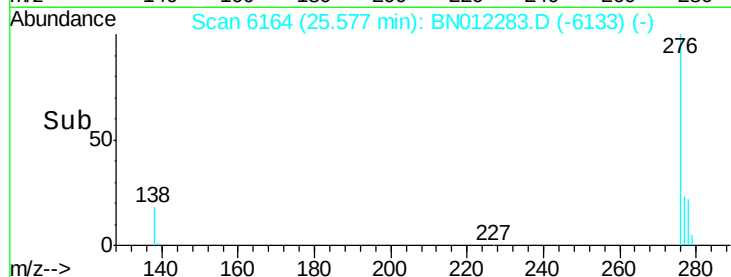
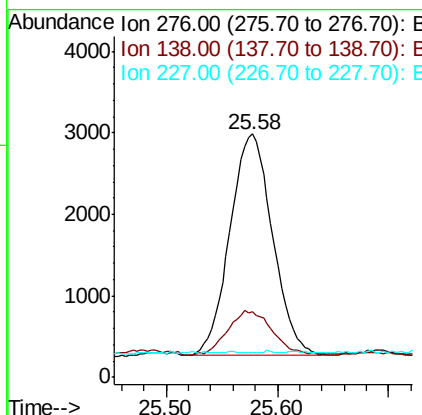
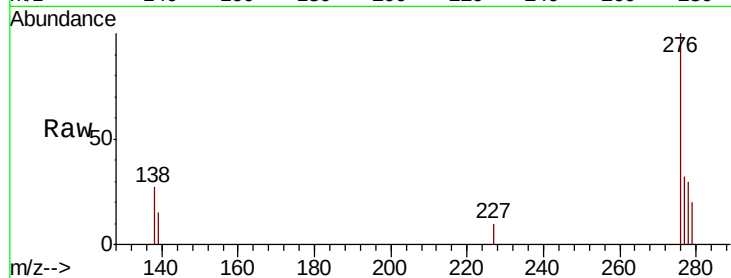




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.164 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. 0.00 min
 Lab File: BN012283.D
 Acq: 17 Oct 2020 00:54

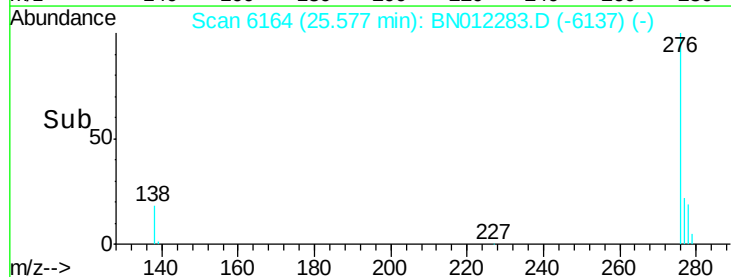
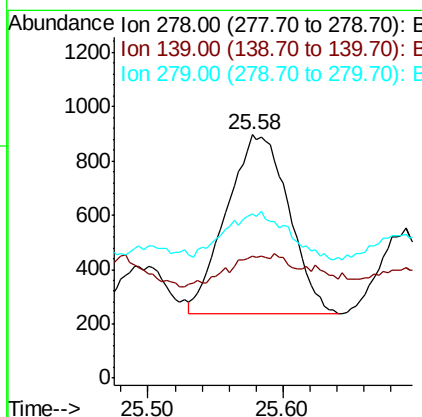
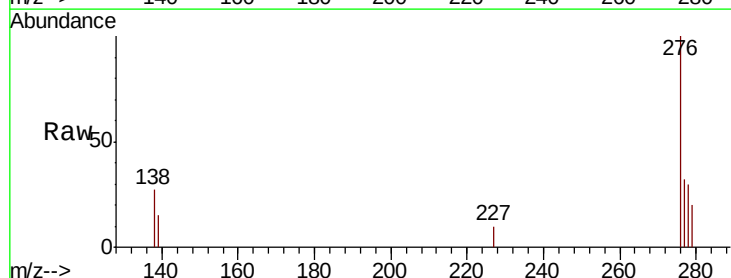
Instrument :
 BNA_N
 ClientSampleId :

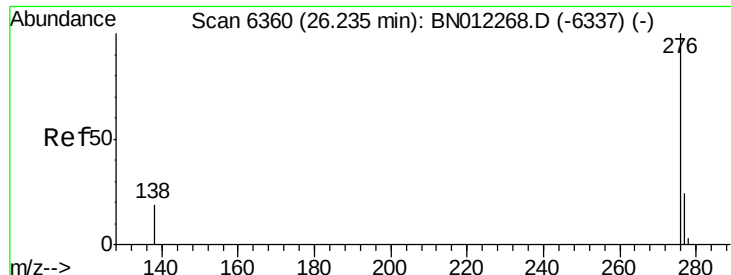
Tot Ion:276 Resp: 7237
 Ion Ratio Lower Upper
 276 100
 138 20.8 0.0 0.0#
 227 0.4 0.0 0.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.061 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.01 min
 Lab File: BN012283.D
 Acq: 17 Oct 2020 00:54

Tgt Ion:278 Resp: 2136
 Ion Ratio Lower Upper
 278 100
 139 50.1 15.7 23.5#
 279 67.6 26.0 39.0#





#26

Benzo(a,h,i)perylene

Concen: 0.142 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. 0.01 min

Lab File: BN012283.D

Acq: 17 Oct 2020 00:54

Instrument :

BNA_N

ClientSampleId :

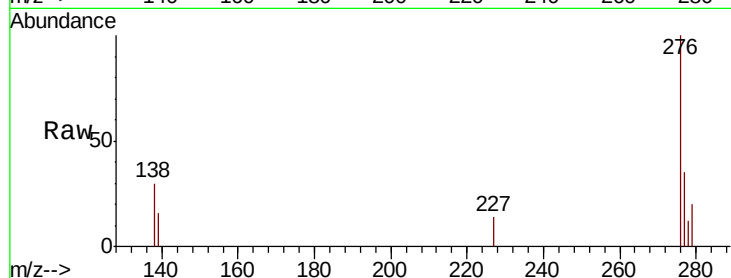
Tot Ion:276 Resp: 5721

Ion Ratio Lower Upper

276 100

138 30.2 17.1 25.7#

277 34.9 21.1 31.7#



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

