

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012274.D
 Acq On : 16 Oct 2020 19:27
 Operator : CG/JU
 Sample : L4201-17
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK3

Quant Time: Oct 16 23:49:49 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

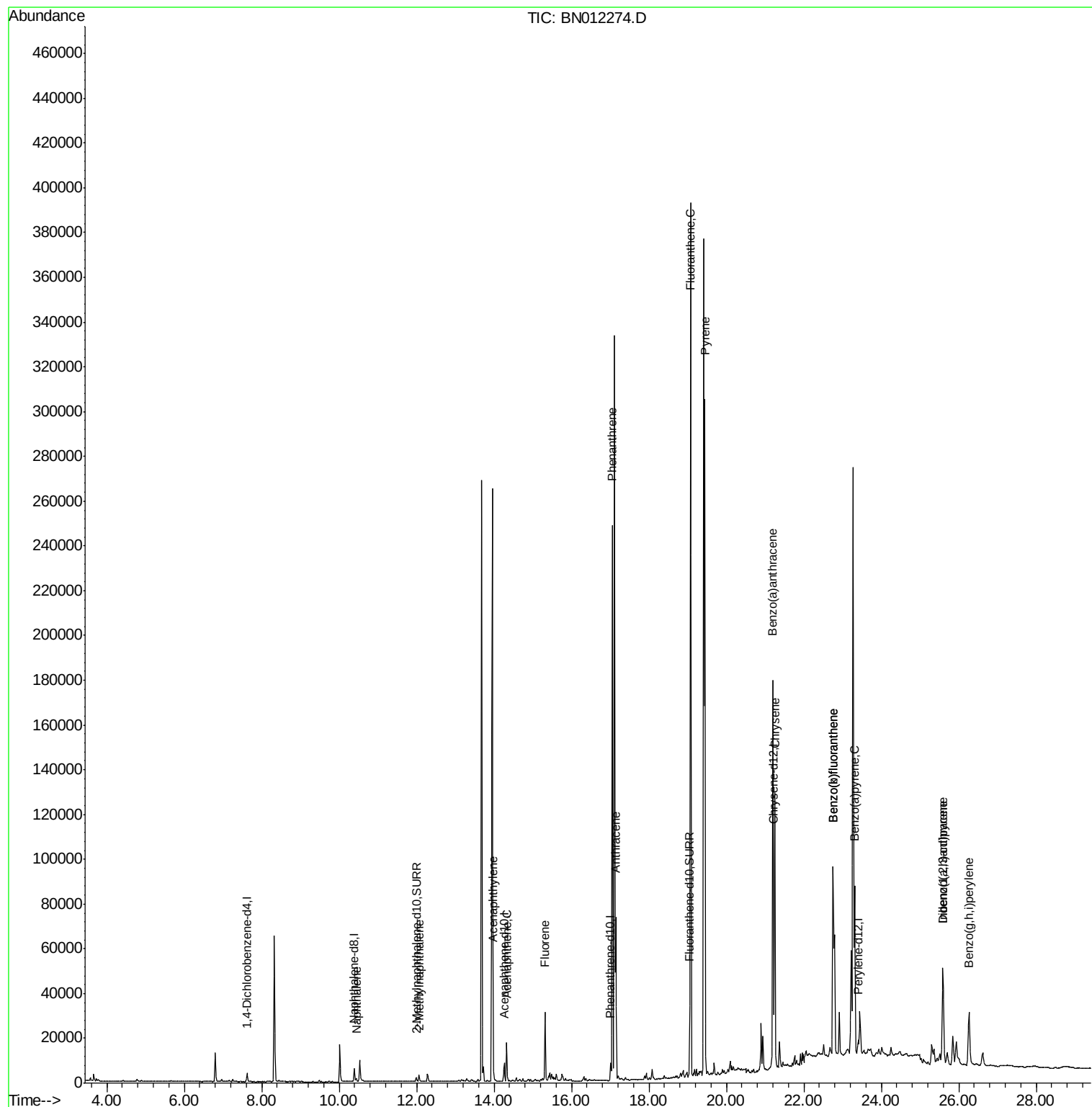
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7605	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4360	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8653	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6589	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6775	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2080	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	4052	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1733	0.079	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	2079	0.149	ng/ul	98
7) Acenaphthylene	13.98	152	5173	0.274	ng/ul#	94
8) Acenaphthene	14.32	153	9865	0.617	ng/ul	99
9) Fluorene	15.31	166	18415	1.035	ng/ul	100
12) Phenanthrene	17.05	178	252016	9.137	ng/ul	97
13) Anthracene	17.14	178	71463	3.020	ng/ul	97
15) Fluoranthene	19.07	202	321630	9.972	ng/ul	100
17) Pyrene	19.44	202	243856	8.209	ng/ul	100
18) Benzo(a)anthracene	21.20	228	140207	5.745	ng/ul	98
19) Chrysene	21.25	228	115302	3.878	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	193155	7.058	ng/ul	92
22) Benzo(k)fluoranthene	22.75	252	193155	6.377	ng/ul	94
23) Benzo(a)pyrene	23.31	252	97029	3.645	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.59	276	63022	1.843	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	18736	0.685	ng/ul#	78
26) Benzo(a,h,i)perylene	26.26	276	47833	1.526	ng/ul	94

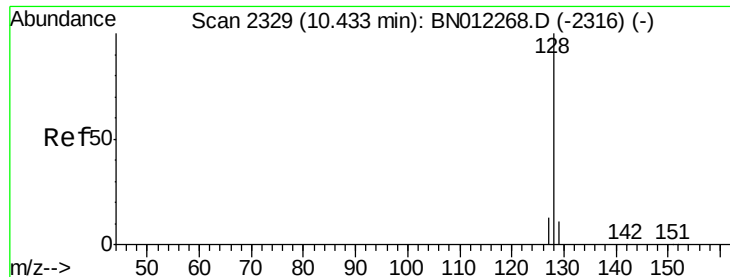
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

ClientSampleId :

C0AK3

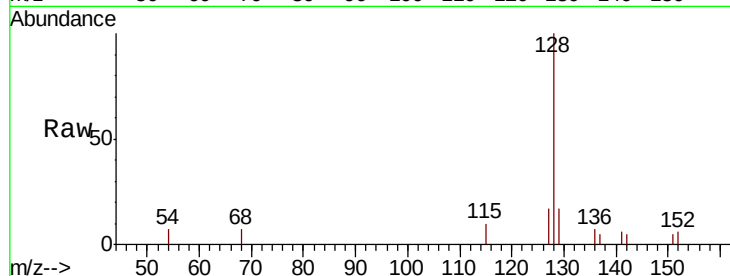
Tot Ion:128 Resp: 1733

Ion Ratio Lower Upper

128 100

129 17.0 10.3 15.5#

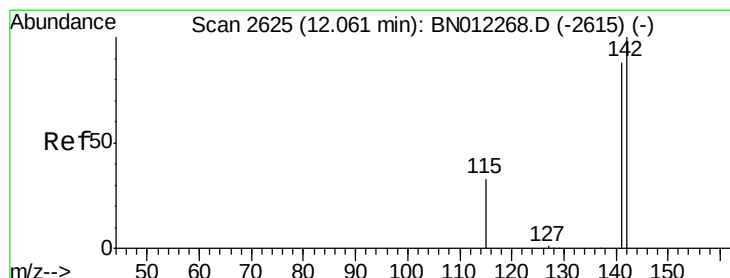
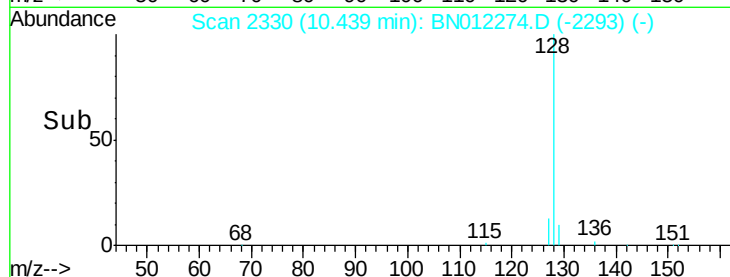
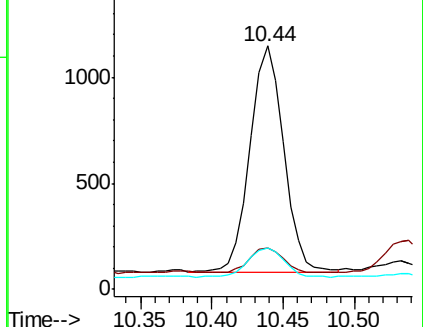
127 17.0 11.9 17.9



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: 0.149 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN012274.D

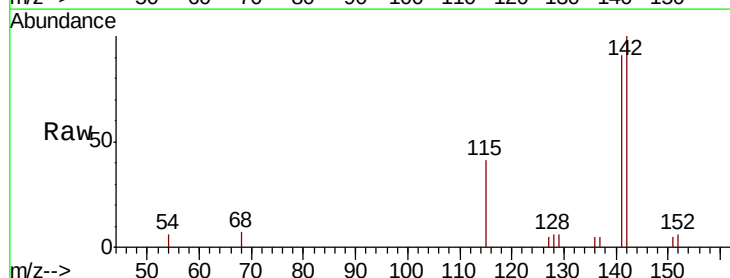
Acq: 16 Oct 2020 19:27

Tgt Ion:142 Resp: 2079

Ion Ratio Lower Upper

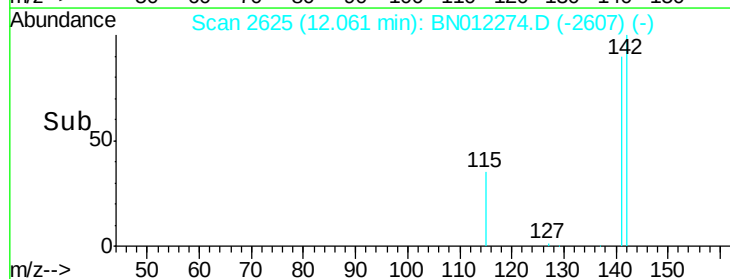
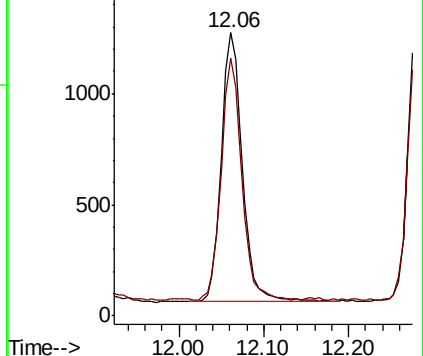
142 100

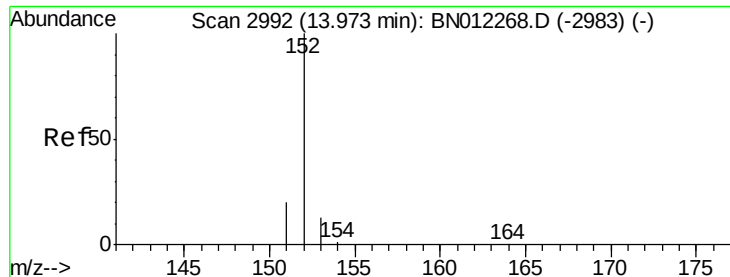
141 87.8 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.274 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

ClientSampleId :

C0AK3

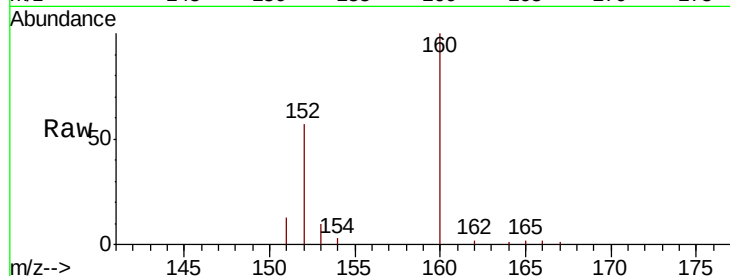
Tot Ion:152 Resp: 5173

Ion Ratio Lower Upper

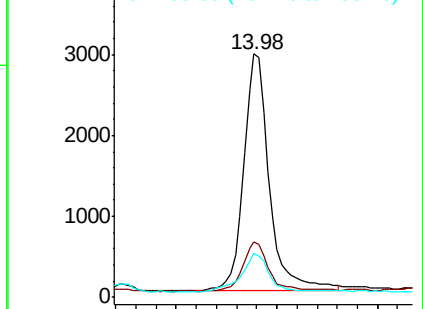
152 100

151 22.9 16.7 25.1

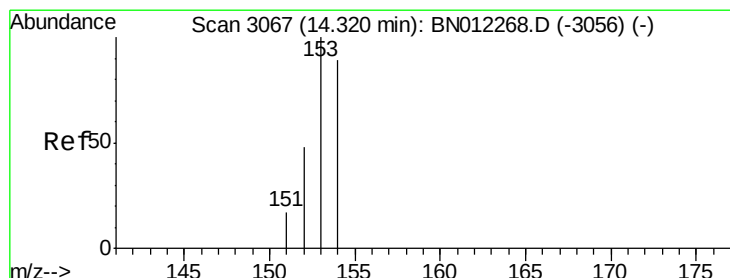
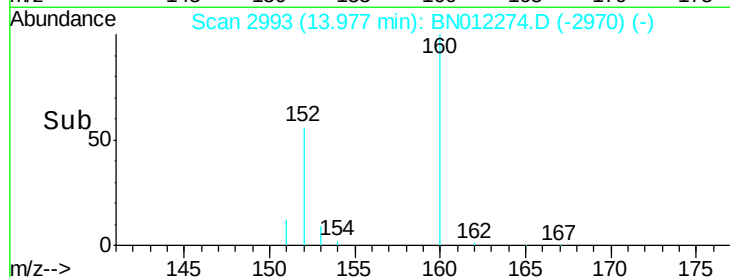
153 18.2 11.8 17.8#



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



Time-->



#8

Acenaphthene

Concen: 0.617 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

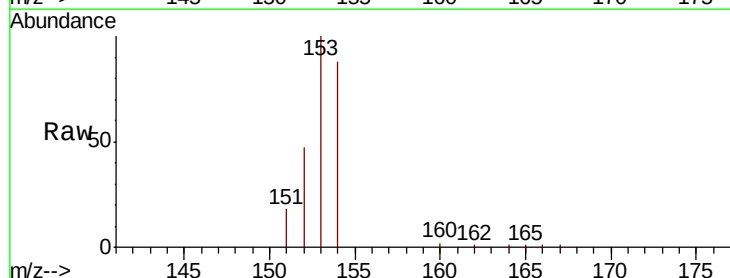
Tgt Ion:153 Resp: 9865

Ion Ratio Lower Upper

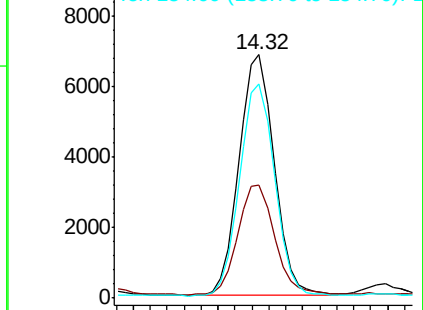
153 100

152 46.5 38.2 57.2

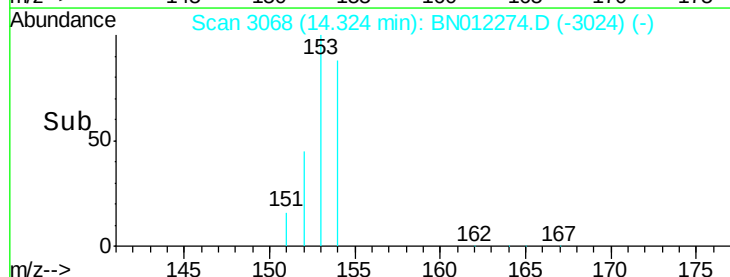
154 88.2 71.1 106.7

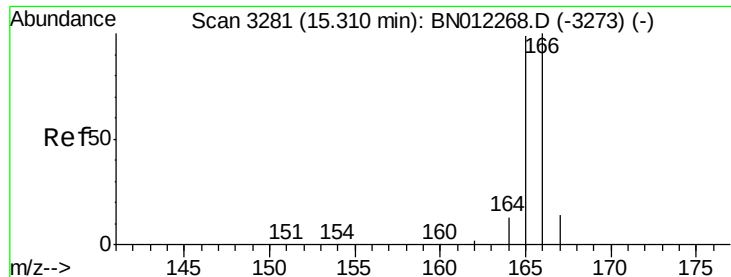


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

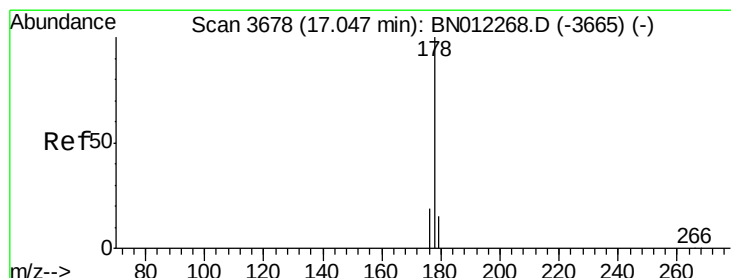
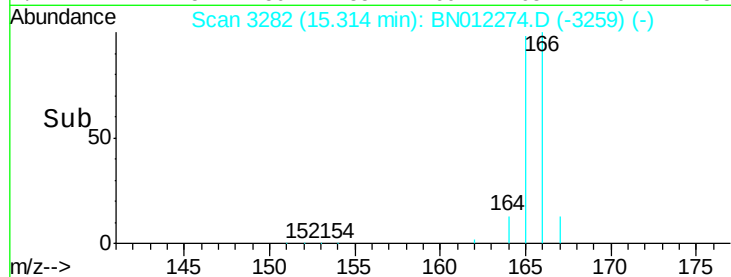
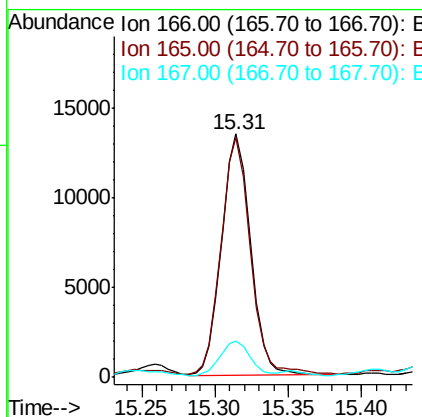
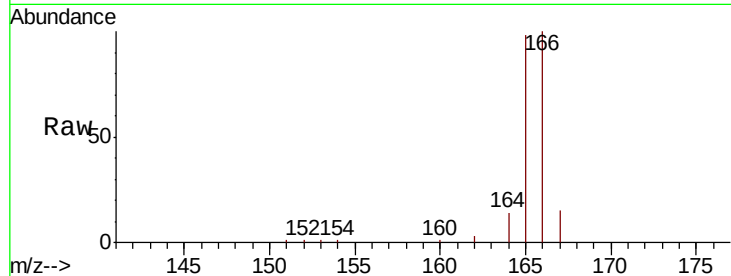




#9
Fluorene
 Concen: 1.035 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012274.D
 Acq: 16 Oct 2020 19:27

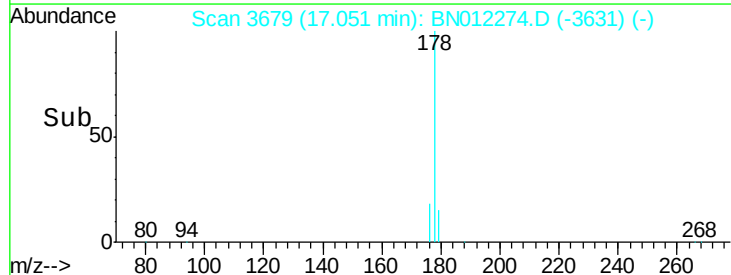
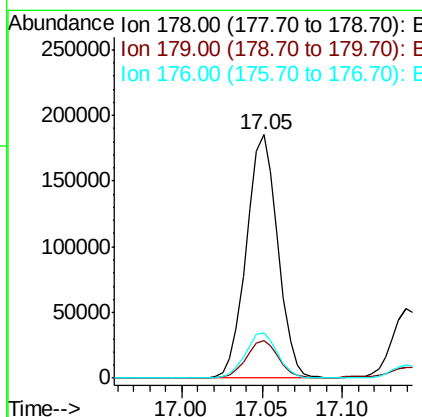
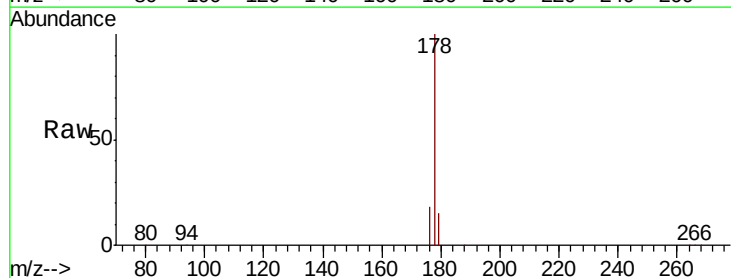
Instrument :
 BNA_N
 ClientSampleId :
 C0AK3

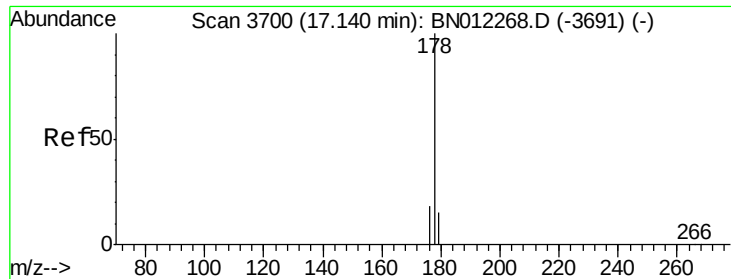
Tot Ion:166 Resp: 18415
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.6 118.0
 167 15.0 11.9 17.9



#12
Phenanthrene
 Concen: 9.137 ng/ul
 RT: 17.05 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BN012274.D
 Acq: 16 Oct 2020 19:27

Tgt Ion:178 Resp: 252016
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.4 20.2
 176 18.5 15.7 23.5





#13

Anthracene

Concen: 3.020 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

ClientSampleId :

C0AK3

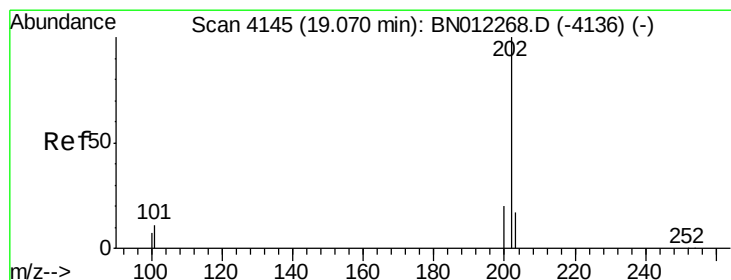
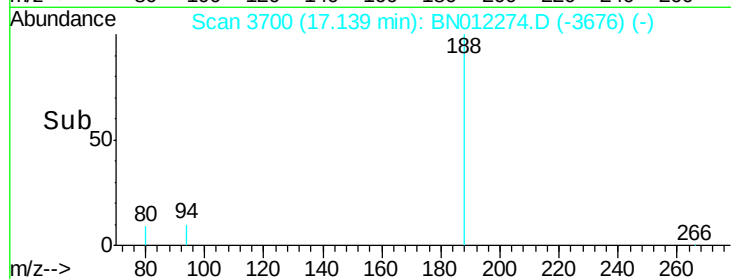
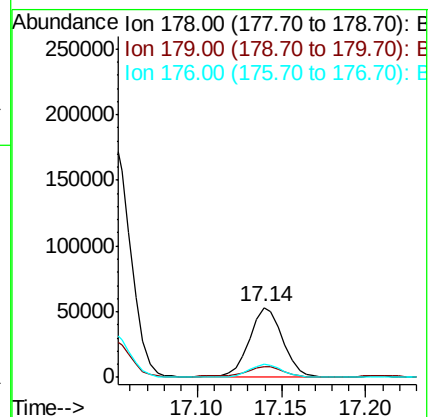
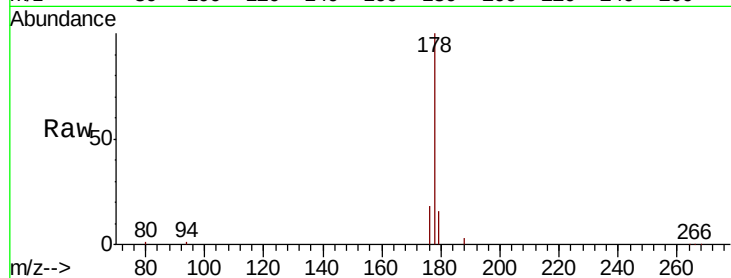
Tot Ion:178 Resp: 71463

Ion Ratio Lower Upper

178 100

179 15.6 13.9 20.9

176 18.4 15.4 23.0



#15

Fluoranthene

Concen: 9.972 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

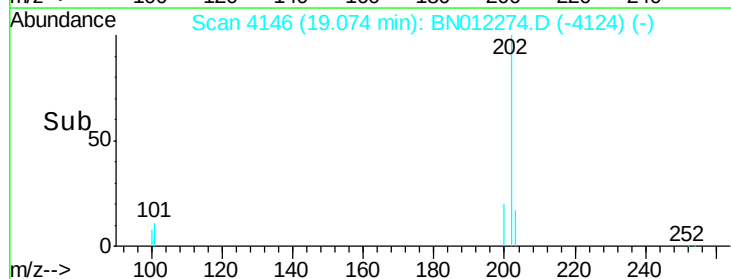
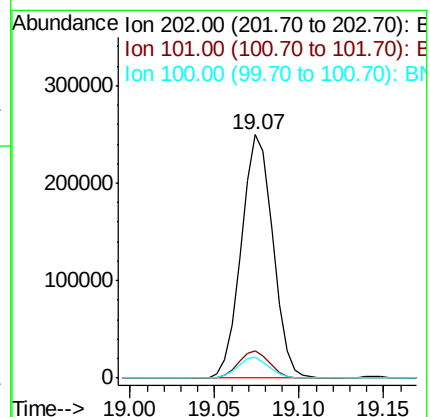
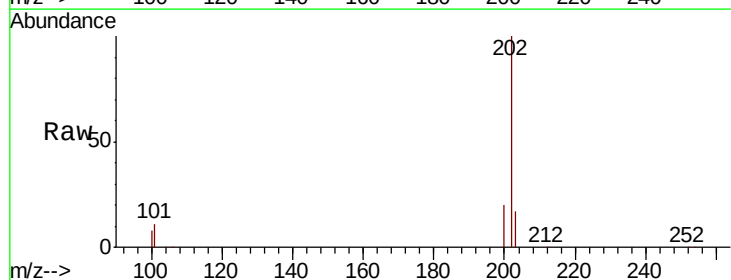
Tgt Ion:202 Resp: 321630

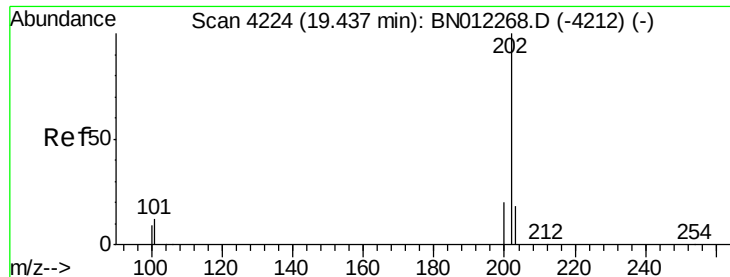
Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

100 8.3 0.0 28.7

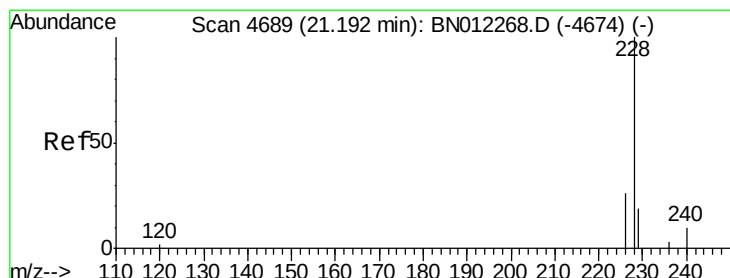
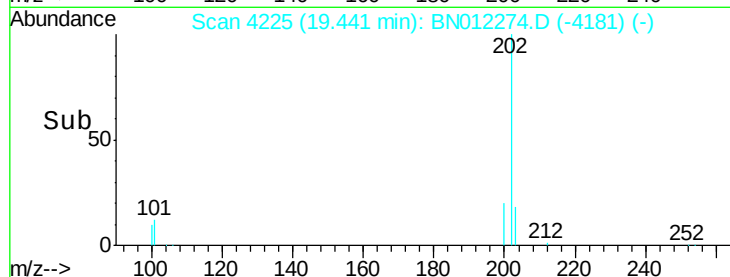
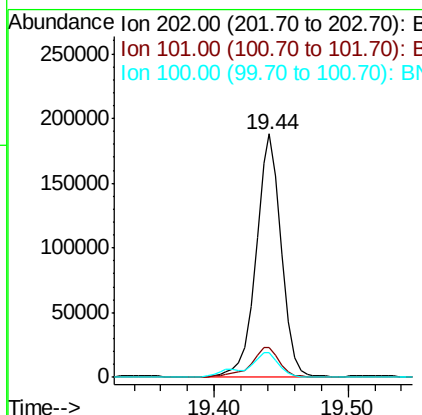
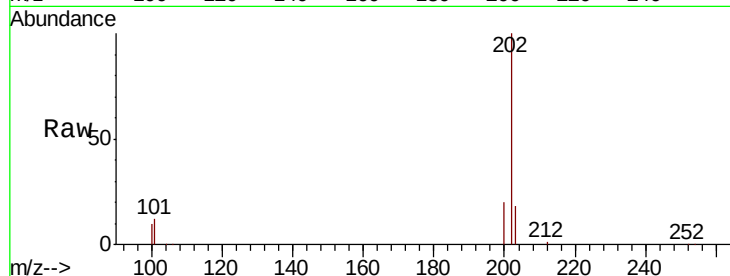




#17
Pvrene
Concen: 8.209 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

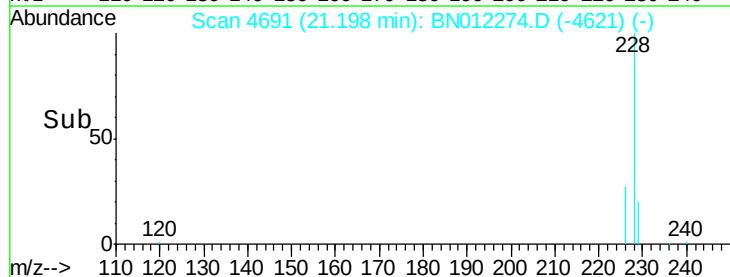
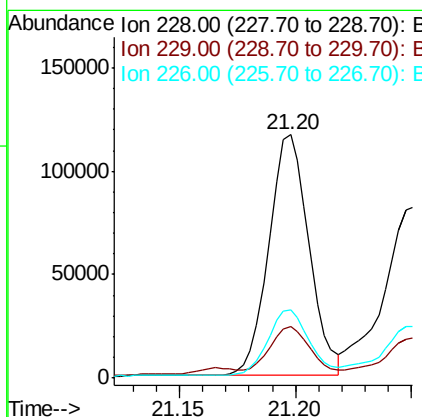
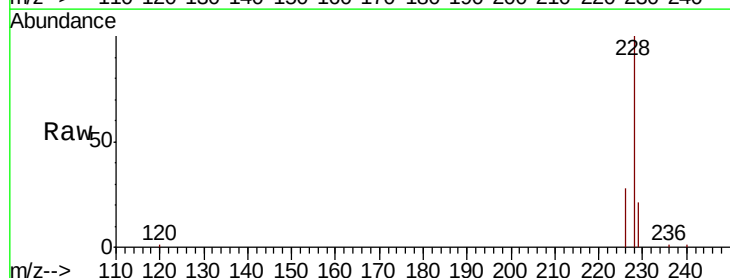
Instrument :
BNA_N
ClientSampleId :
C0AK3

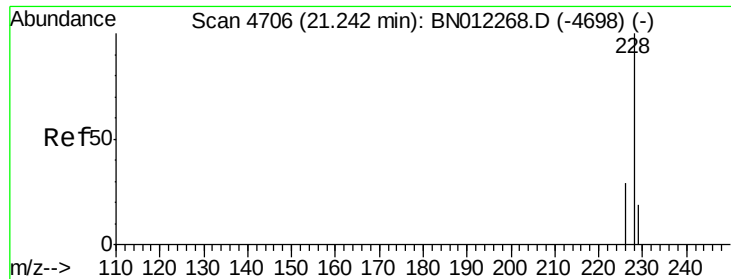
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.9	14.9
100	10.0	8.0	12.0



#18
Benzo(a)anthracene
Concen: 5.745 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	27.8	22.6	33.8





#19

Chrysene

Concen: 3.878 ng/ul

RT: 21.25 min Scan# 4709

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

ClientSampleId :

C0AK3

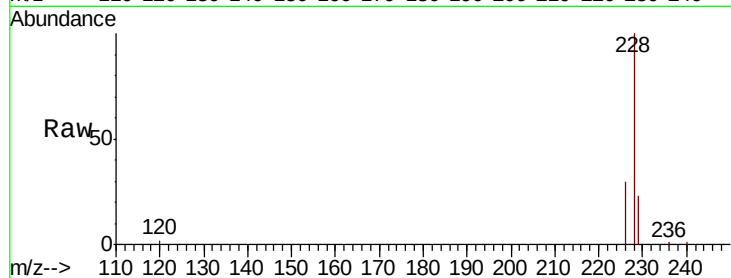
Tot Ion:228 Resp: 115302

Ion Ratio Lower Upper

228 100

226 29.8 24.6 37.0

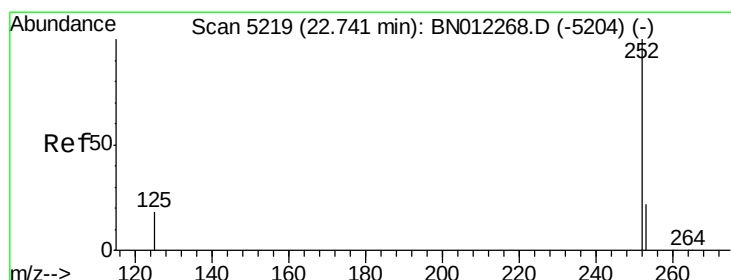
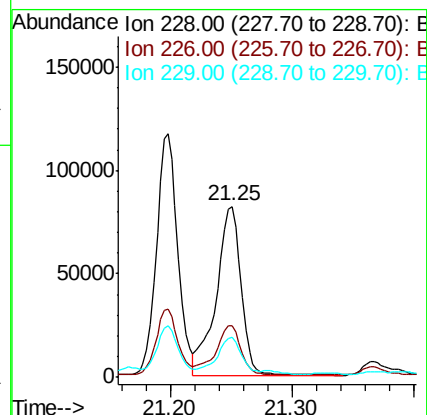
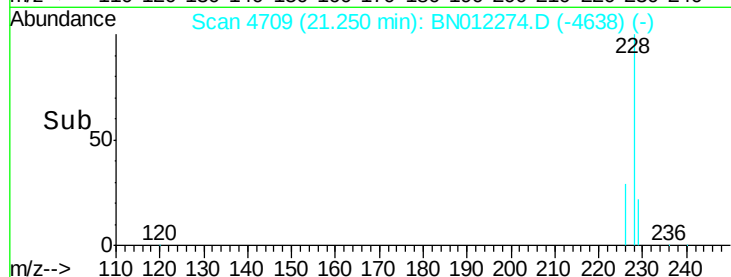
229 23.3 17.0 25.6



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: 7.058 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

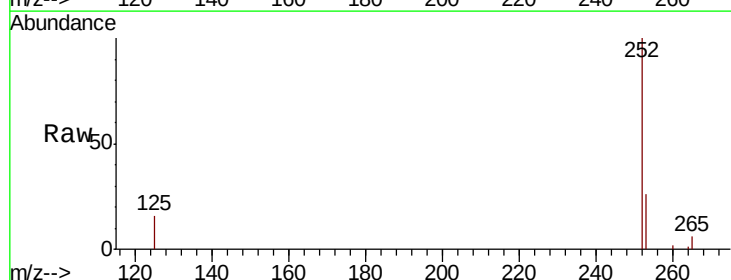
Tgt Ion:252 Resp: 193155

Ion Ratio Lower Upper

252 100

253 25.9 0.0 61.6

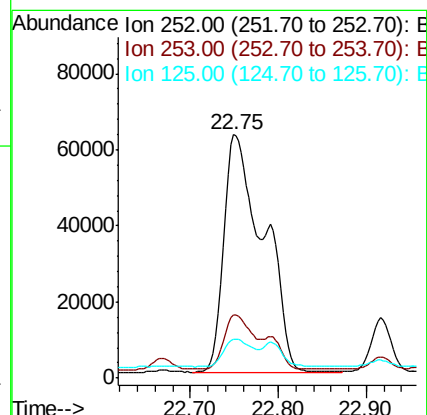
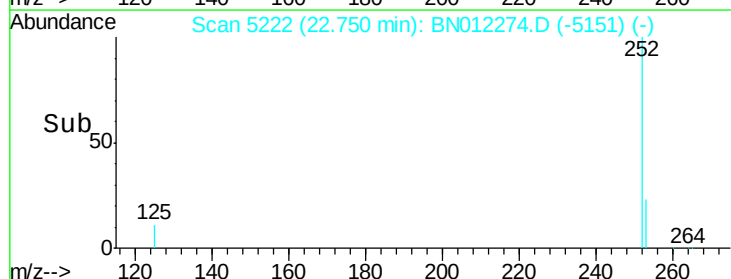
125 16.0 0.0 36.8

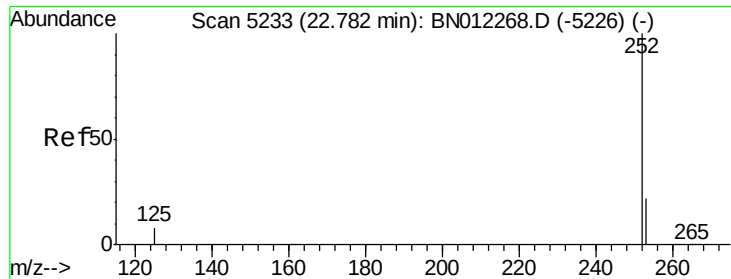


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.377 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.03 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

ClientSampleId :

C0AK3

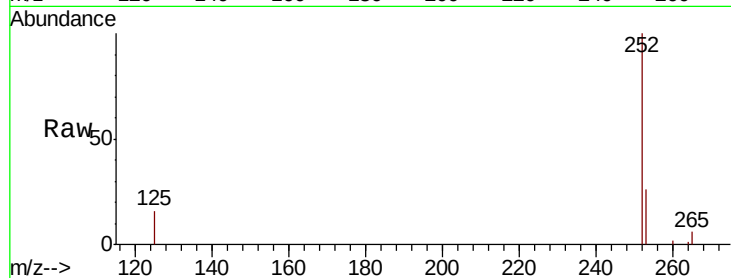
Tot Ion:252 Resp: 193155

Ion Ratio Lower Upper

252 100

253 25.9 24.4 36.6

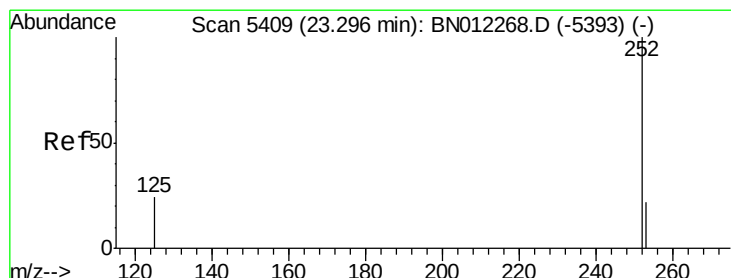
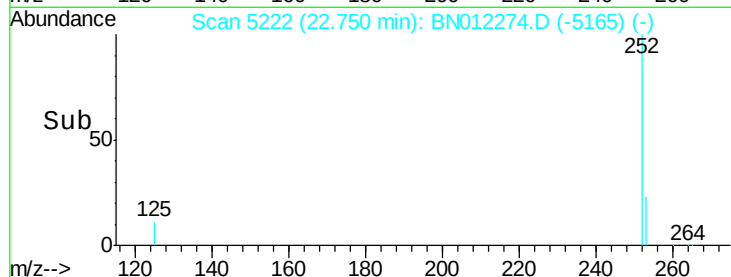
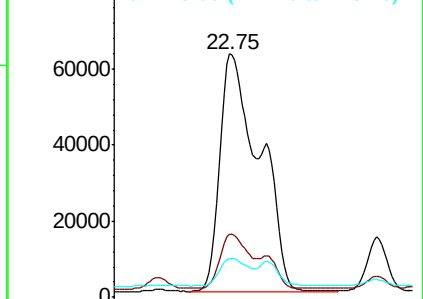
125 16.0 12.9 19.3



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: 3.645 ng/ul

RT: 23.31 min Scan# 5413

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

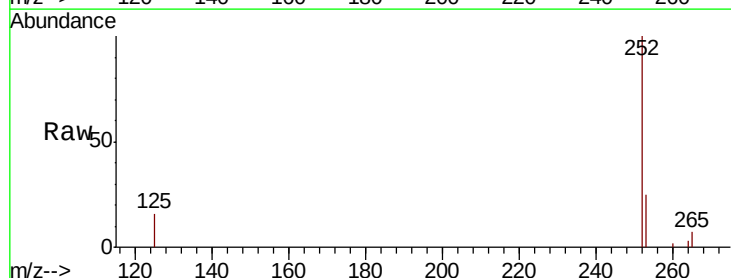
Tgt Ion:252 Resp: 97029

Ion Ratio Lower Upper

252 100

253 25.2 27.0 40.4#

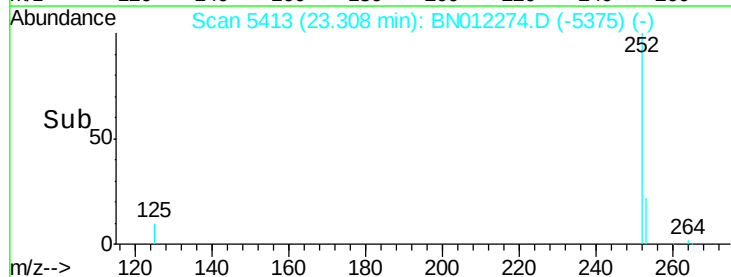
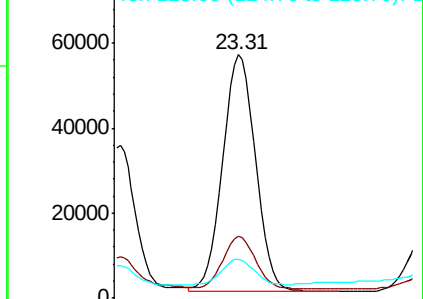
125 16.0 18.8 28.2#

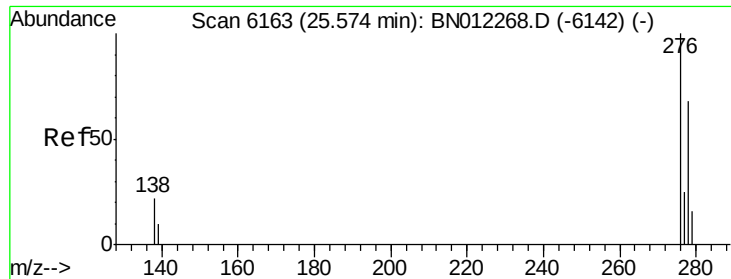


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



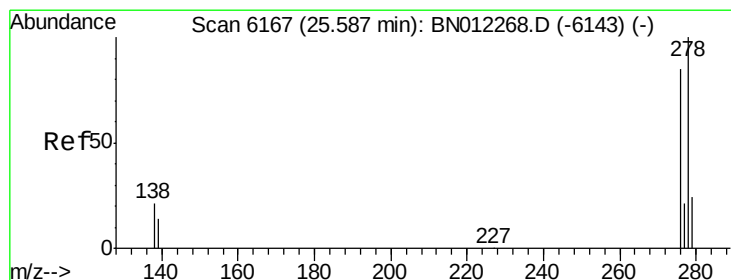
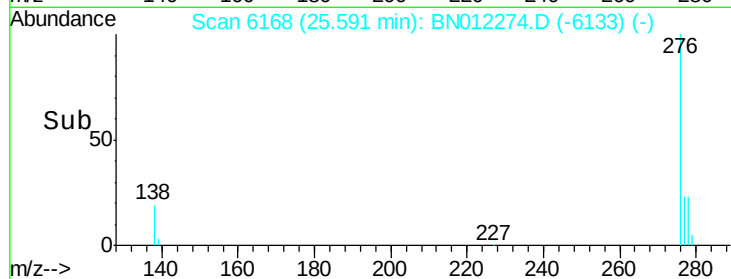
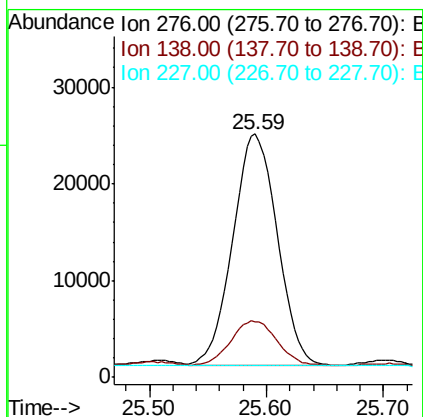
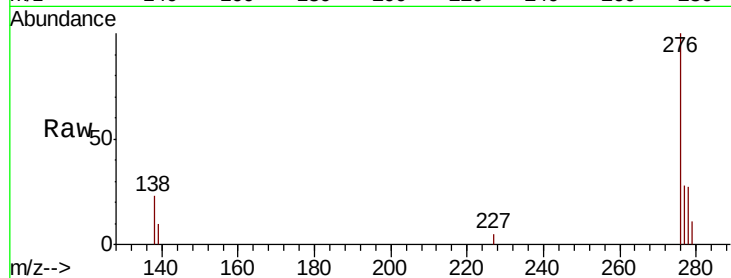


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.843 ng/ul
RT: 25.59 min Scan# 6168
Delta R.T. 0.02 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :
C0AK3

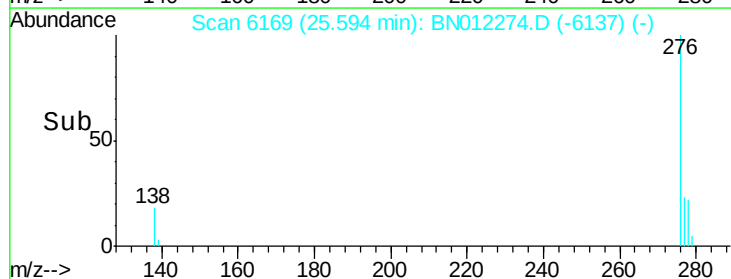
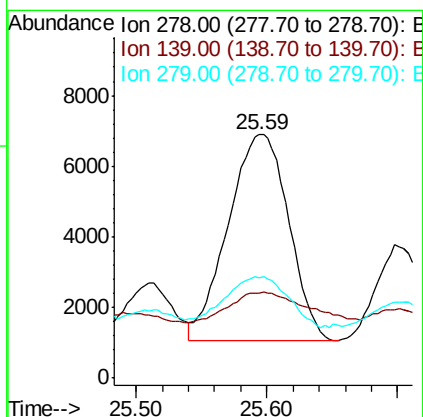
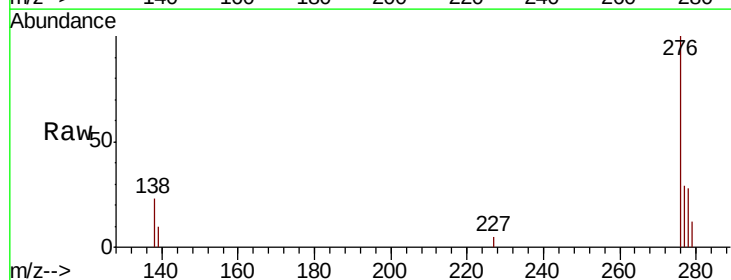
Tot Ion:276 Resp: 63022
Ion Ratio Lower Upper
276 100
138 20.3 0.0 0.0#
227 0.3 0.0 0.0#

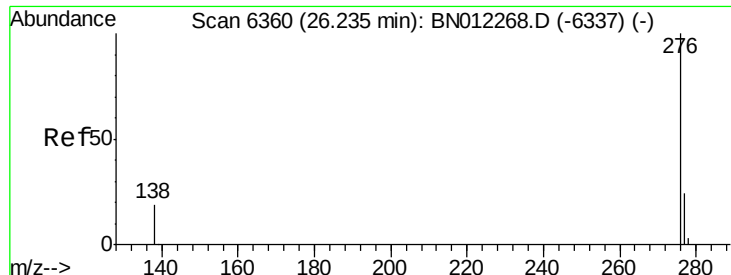


#25

Dibenzo(a,h)anthracene
Concen: 0.685 ng/ul
RT: 25.59 min Scan# 6169
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:278 Resp: 18736
Ion Ratio Lower Upper
278 100
139 35.1 15.7 23.5#
279 41.0 26.0 39.0#





#26

Benzo(a,h,i)perylene

Concen: 1.526 ng/ul

RT: 26.26 min Scan# 6368

Delta R.T. 0.03 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

ClientSampleId :

C0AK3

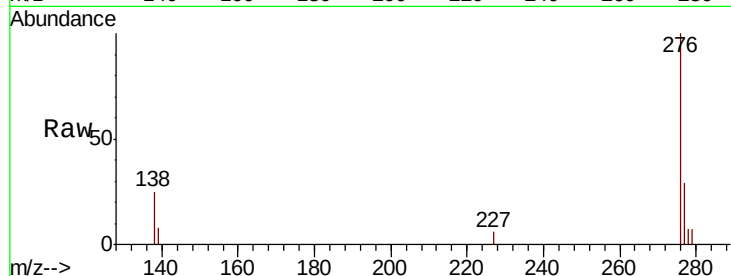
Tot Ion: 276 Resp: 47833

Ion Ratio Lower Upper

276 100

138 24.8 17.1 25.7

277 28.8 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

