

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012920.D
 Acq On : 06 Dec 2020 16:41
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Quant Time: Dec 07 03:09:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

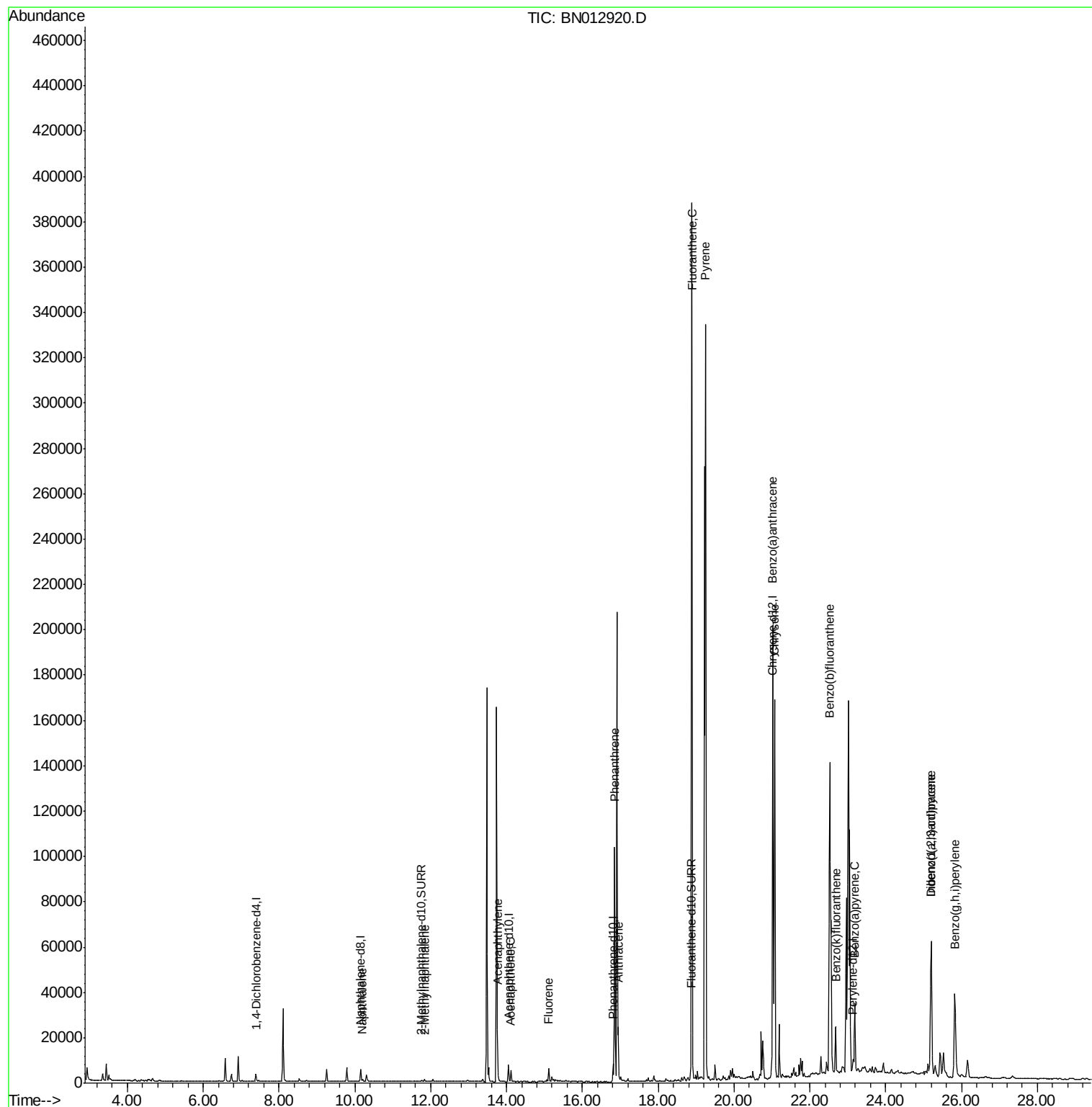
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1678	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7003	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4033	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	8979	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7416	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6330	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1038	0.10	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2458	0.10	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	1426	0.070	ng/ul	98
5) 2-Methylnaphthalene	11.84	142	783	0.059	ng/ul	96
7) Acenaphthylene	13.77	152	5077	0.266	ng/ul	96
8) Acenaphthene	14.12	153	2847	0.182	ng/ul	100
9) Fluorene	15.12	166	3601	0.200	ng/ul	99
12) Phenanthrene	16.85	178	102153	3.393	ng/ul	96
13) Anthracene	16.95	178	22058	0.861	ng/ul	95
15) Fluoranthene	18.89	202	323525	9.043	ng/ul	96
17) Pyrene	19.25	202	271818	7.760	ng/ul	98
18) Benzo(a)anthracene	21.02	228	158618	5.170	ng/ul	99
19) Chrysene	21.07	228	162760	4.801	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	274423	9.371	ng/ul	89
22) Benzo(k)fluoranthene	22.68	252	23183	0.716	ng/ul	97
23) Benzo(a)pyrene	23.18	252	24066	0.886	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.20	276	86493	2.423	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.21	278	21419	0.759	ng/ul	95
26) Benzo(a,h,i)perylene	25.83	276	72779	2.254	ng/ul	97

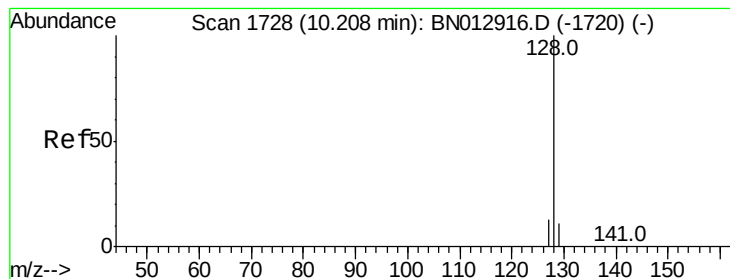
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

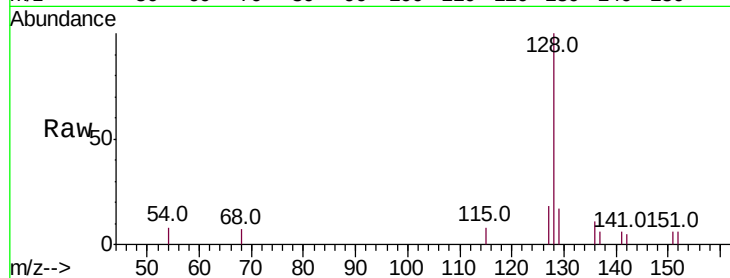
Tot Ion:128 Resp: 1426

Ion Ratio Lower Upper

128 100

129 16.8 12.3 18.5

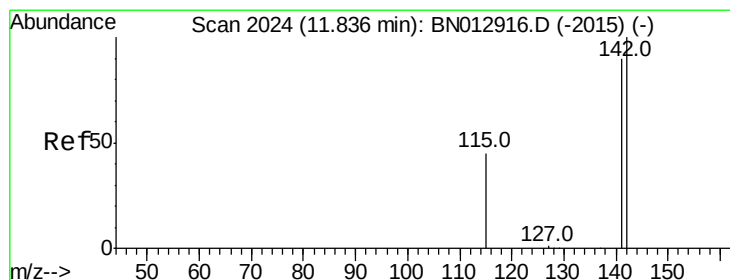
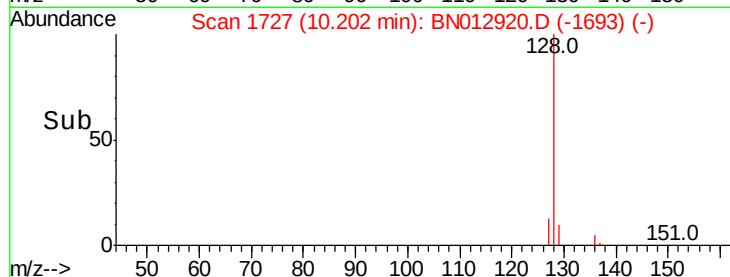
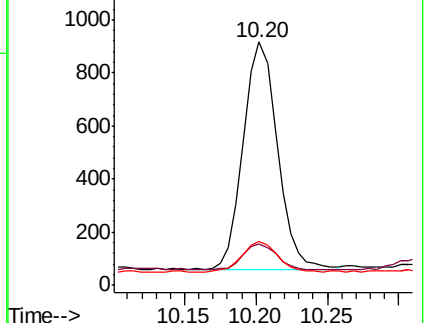
127 17.8 14.2 21.4



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: 0.059 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012920.D

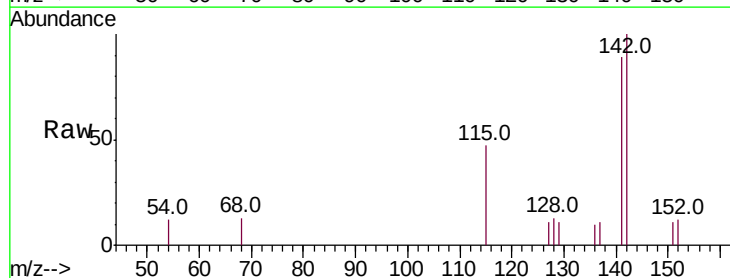
Acq: 06 Dec 2020 16:41

Tgt Ion:142 Resp: 783

Ion Ratio Lower Upper

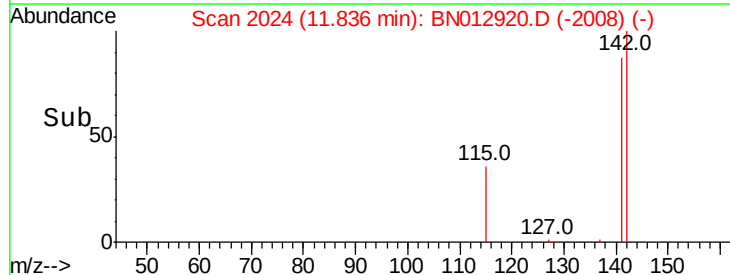
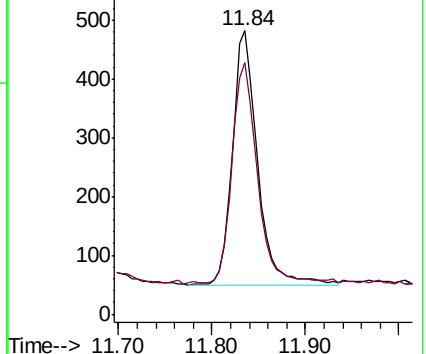
142 100

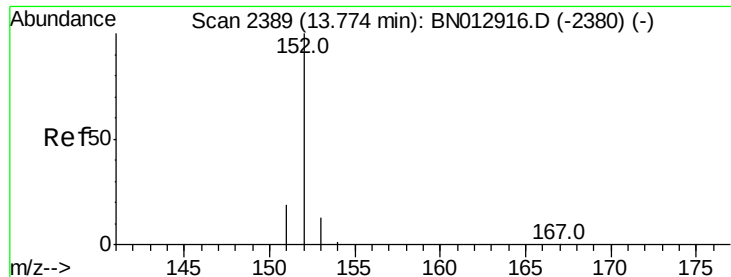
141 87.9 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.266 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

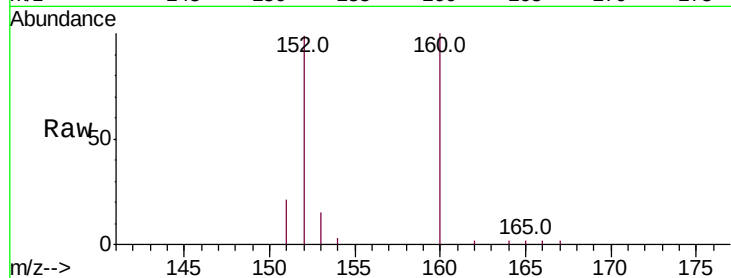
Tot Ion:152 Resp: 5077

Ion Ratio Lower Upper

152 100

151 21.0 18.2 27.4

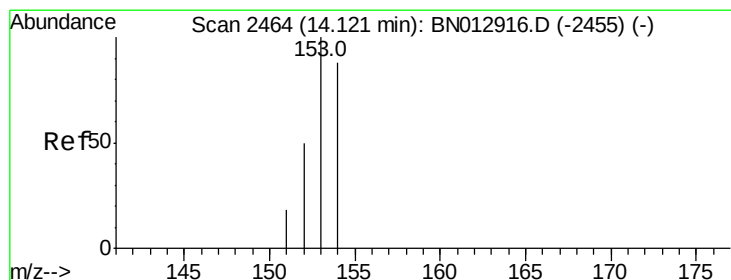
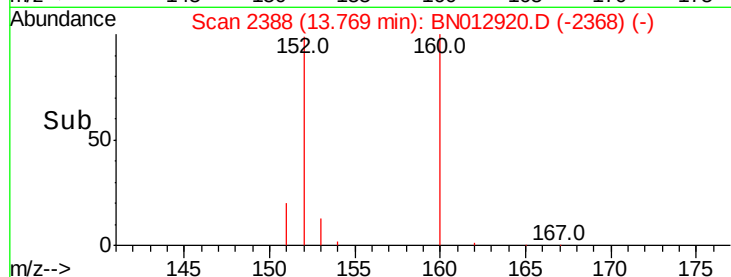
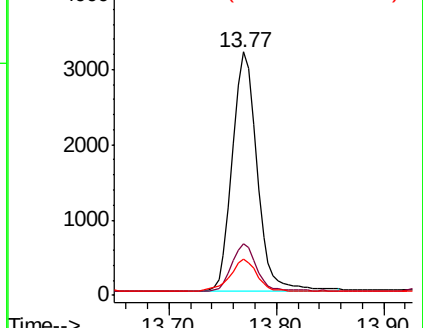
153 15.0 13.1 19.7



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: 0.182 ng/ul

RT: 14.12 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

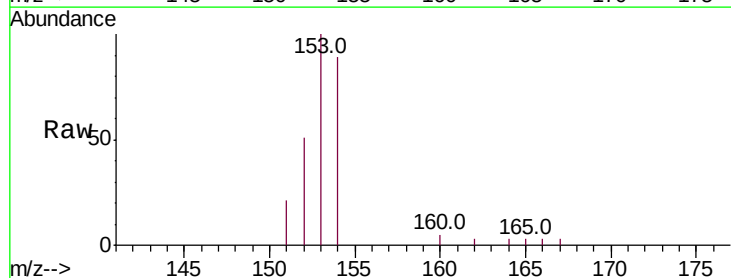
Tgt Ion:153 Resp: 2847

Ion Ratio Lower Upper

153 100

152 51.2 40.7 61.1

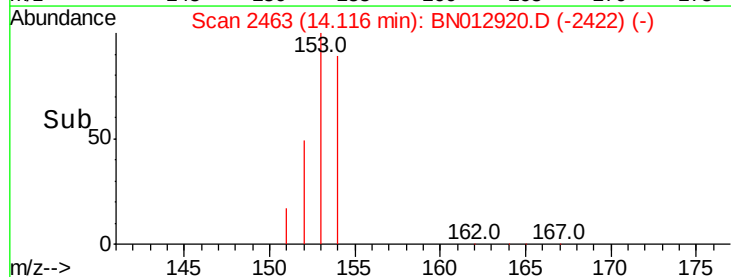
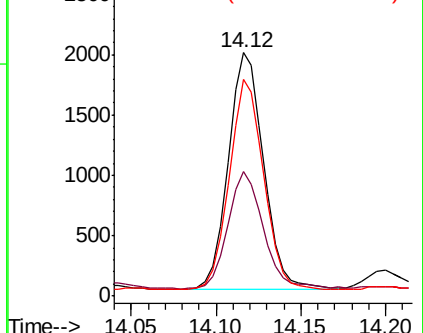
154 88.9 70.8 106.2

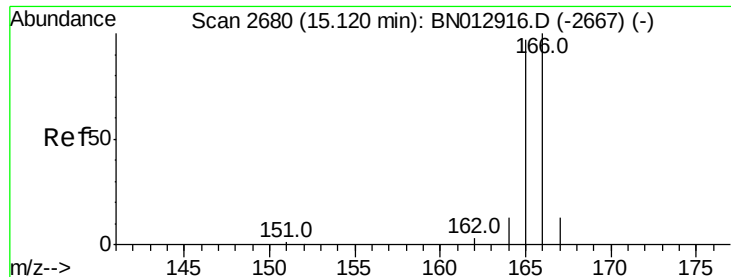


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.200 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

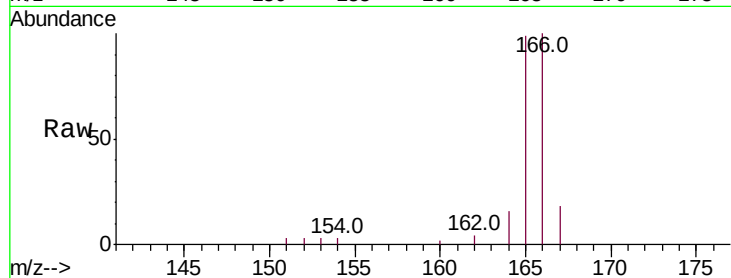
Tot Ion:166 Resp: 3601

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

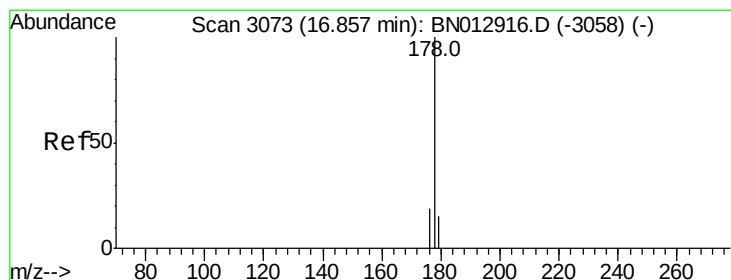
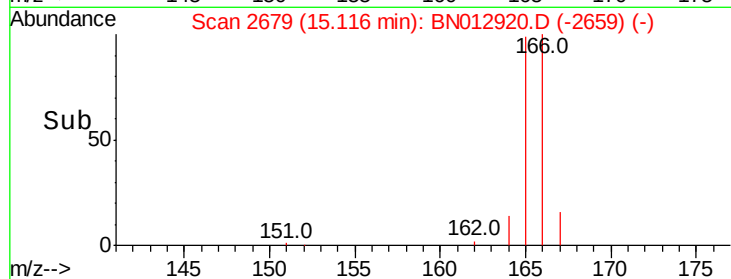
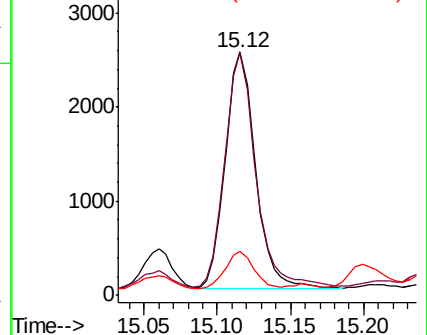
167 17.8 13.8 20.8



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: 3.393 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

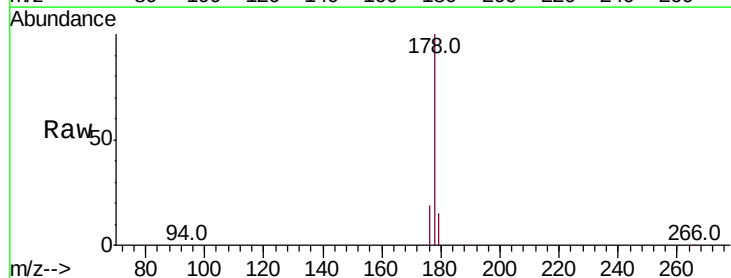
Tgt Ion:178 Resp: 102153

Ion Ratio Lower Upper

178 100

179 15.3 13.6 20.4

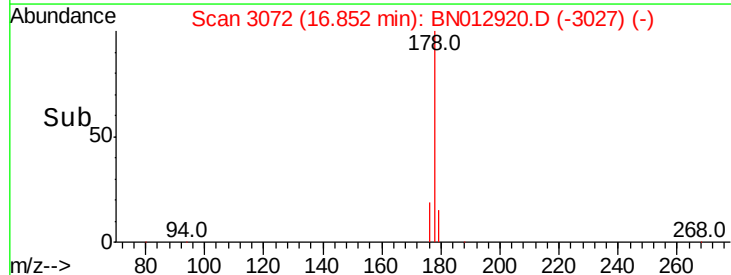
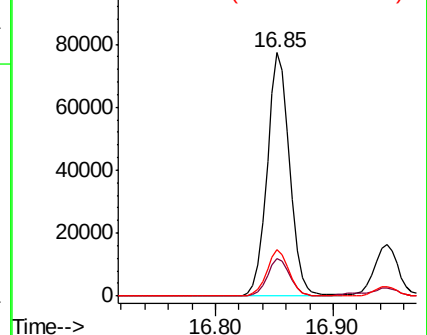
176 18.9 16.4 24.6

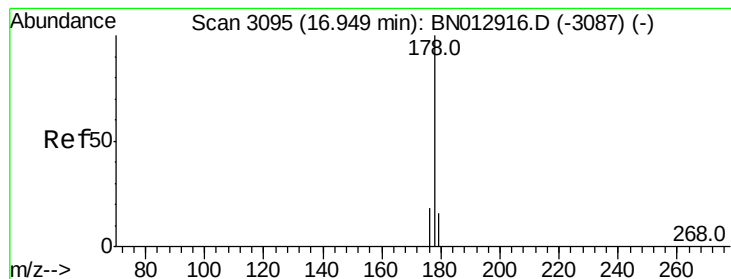


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.861 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

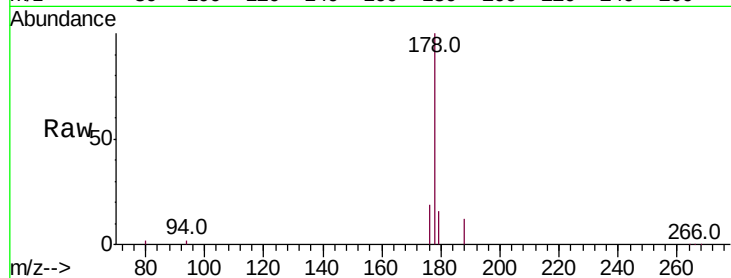
Tot Ion:178 Resp: 22058

Ion Ratio Lower Upper

178 100

179 16.3 14.6 21.8

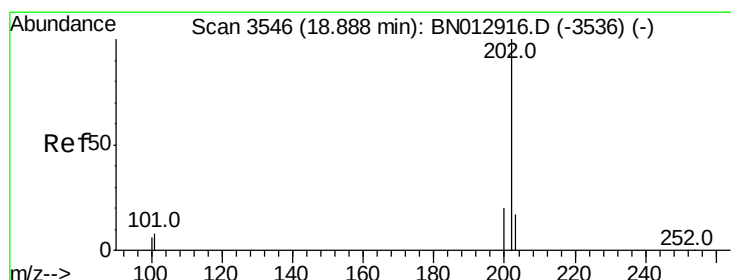
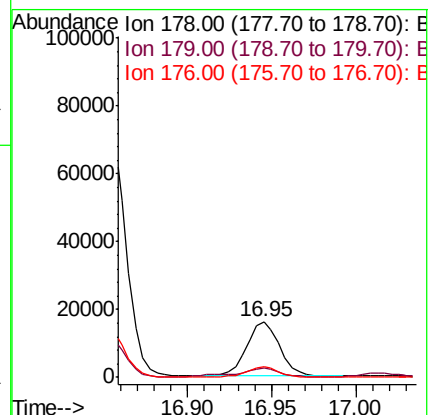
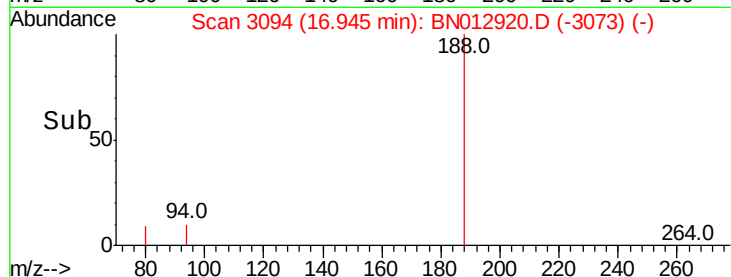
176 18.6 17.1 25.7



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: 9.043 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

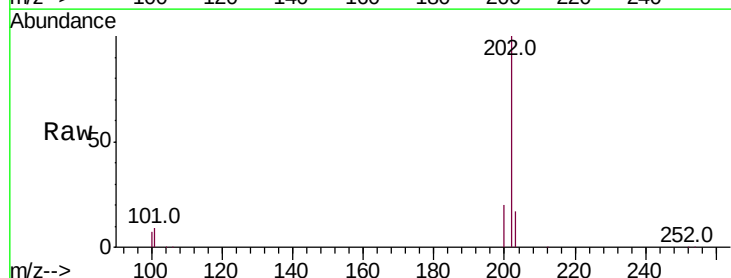
Tgt Ion:202 Resp: 323525

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.6

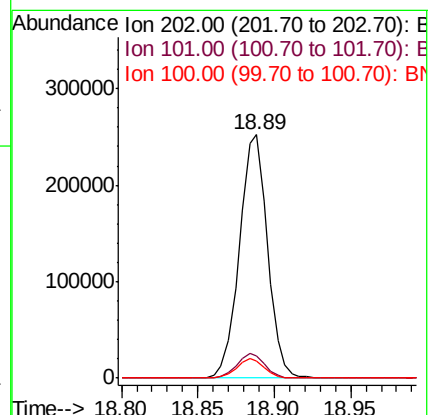
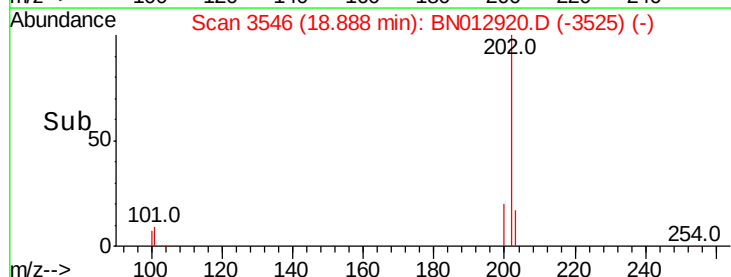
100 7.0 0.0 28.7

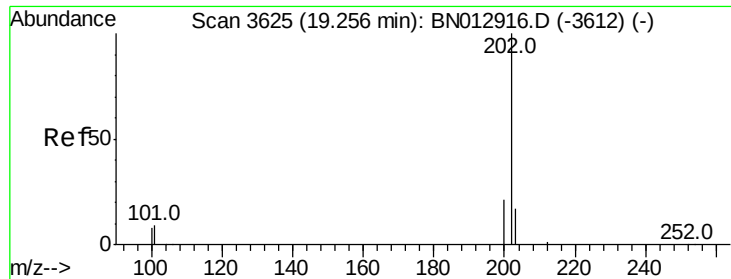


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

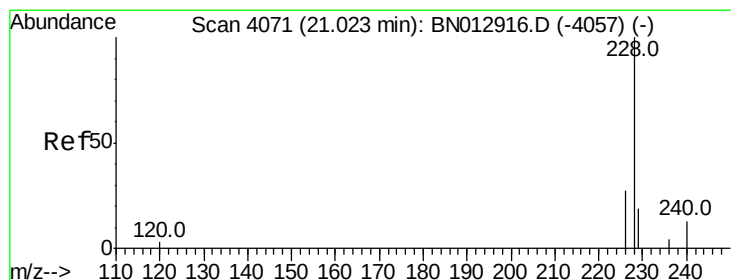
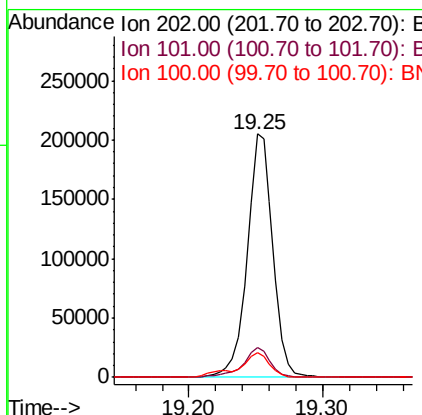
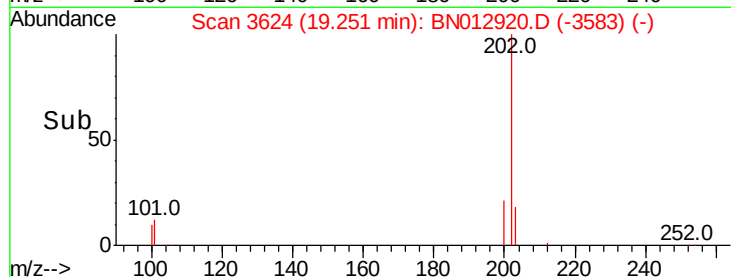
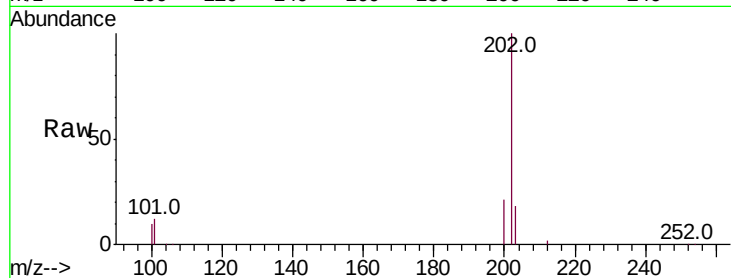




#17
Pvrene
Concen: 7.760 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

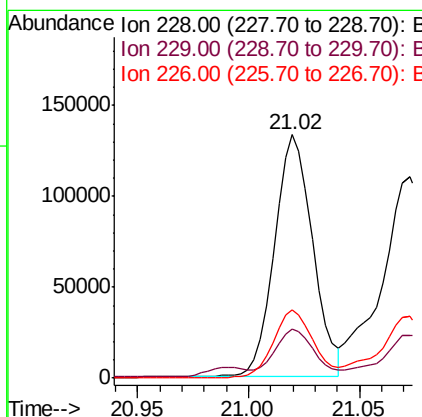
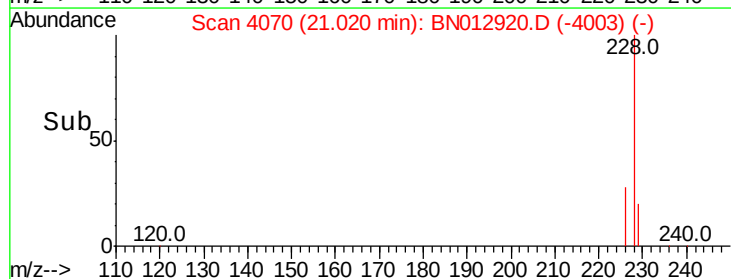
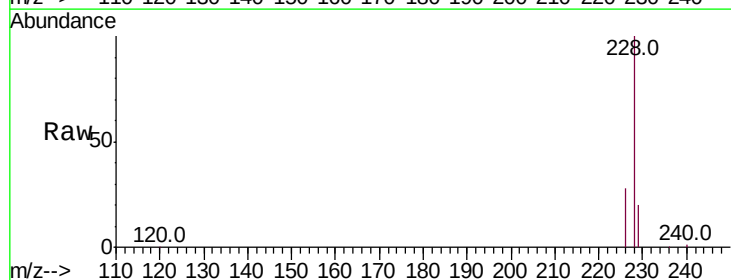
Instrument :
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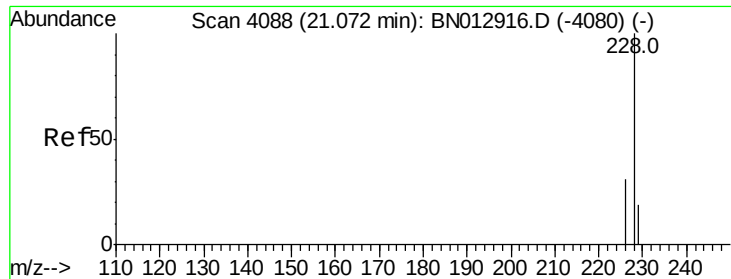
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.1	13.7
100	10.2	7.5	11.3



#18
Benzo(a)anthracene
Concen: 5.170 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 4.801 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

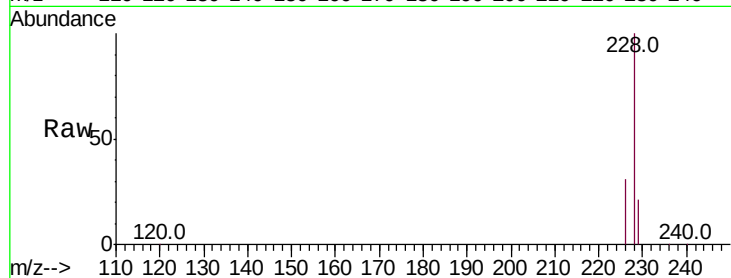
Tot Ion:228 Resp: 162760

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

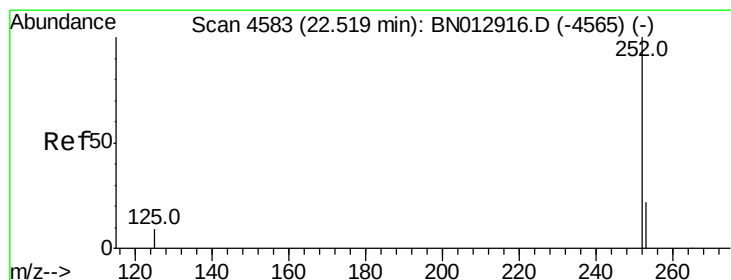
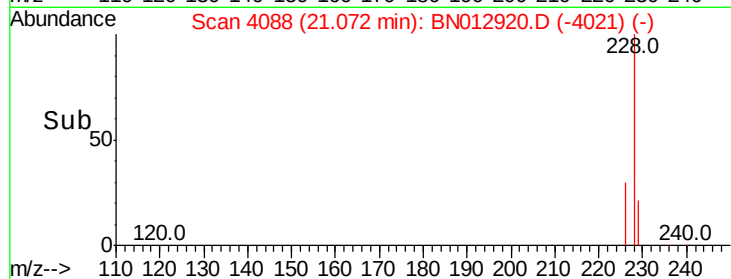
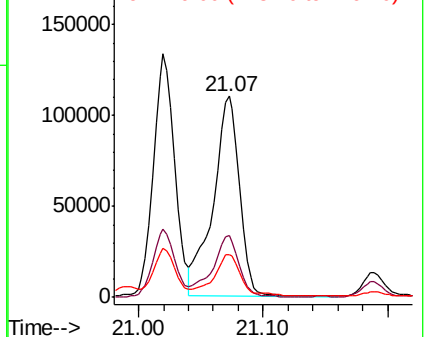
229 21.5 16.4 24.6



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: 9.371 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

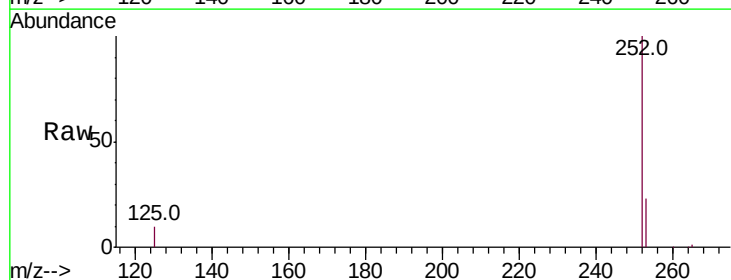
Tgt Ion:252 Resp: 274423

Ion Ratio Lower Upper

252 100

253 23.0 0.0 59.6

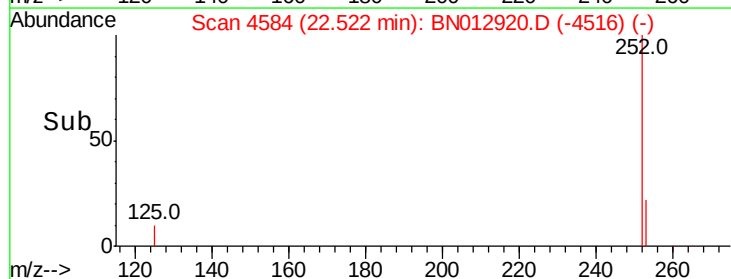
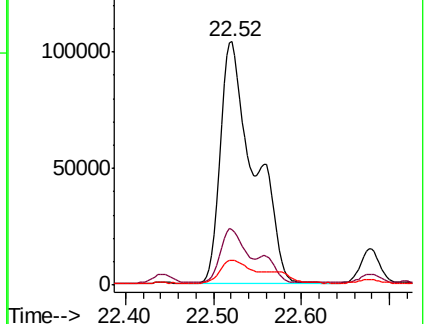
125 10.4 0.0 26.0

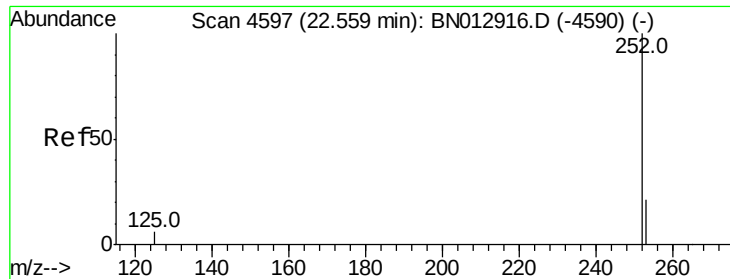


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.716 ng/ul

RT: 22.68 min Scan# 4638

Delta R.T. 0.12 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

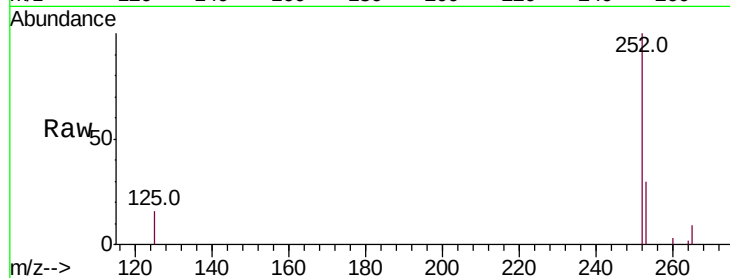
Tot Ion:252 Resp: 23183

Ion Ratio Lower Upper

252 100

253 30.2 23.4 35.2

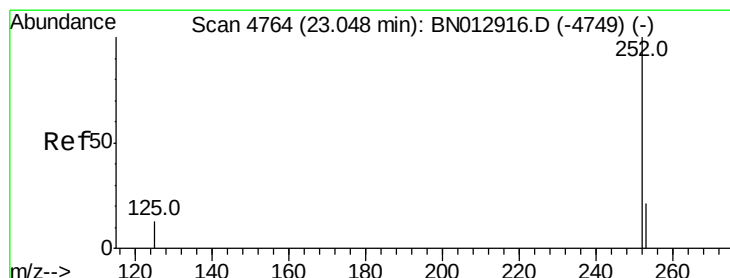
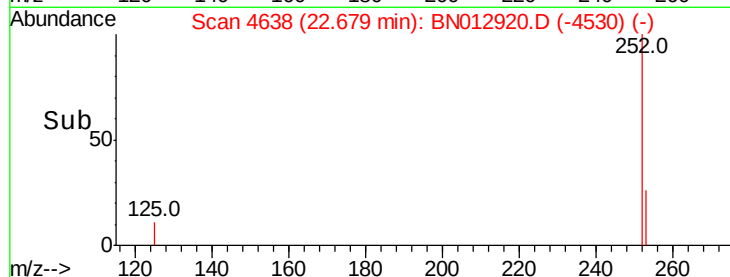
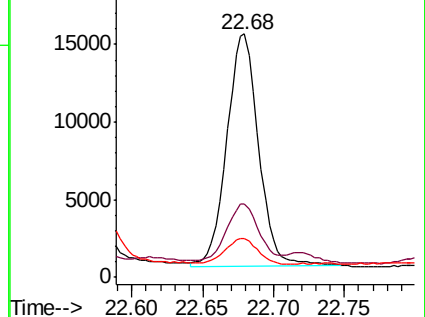
125 15.9 11.1 16.7



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: 0.886 ng/ul

RT: 23.18 min Scan# 4810

Delta R.T. 0.13 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

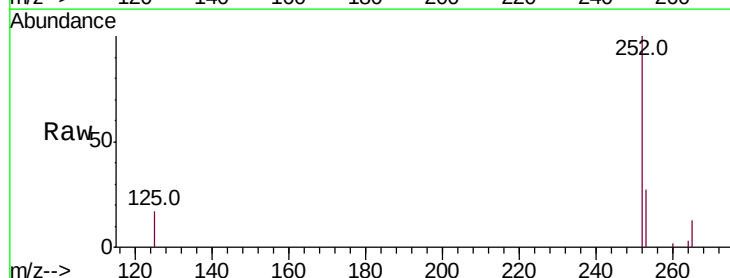
Tgt Ion:252 Resp: 24066

Ion Ratio Lower Upper

252 100

253 26.8 26.5 39.7

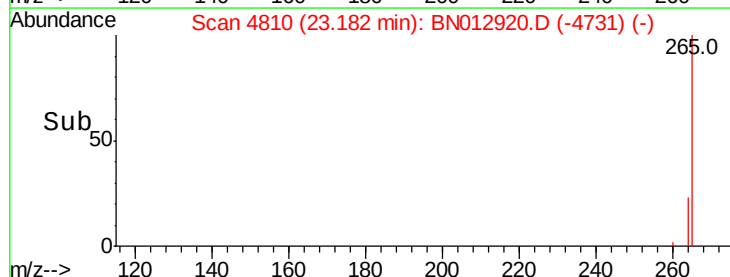
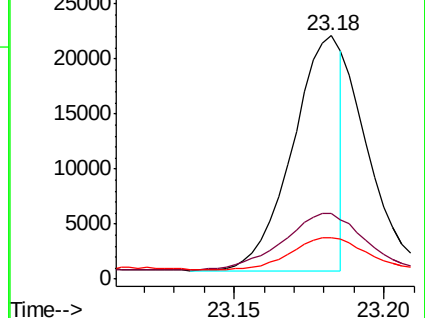
125 16.9 14.2 21.2

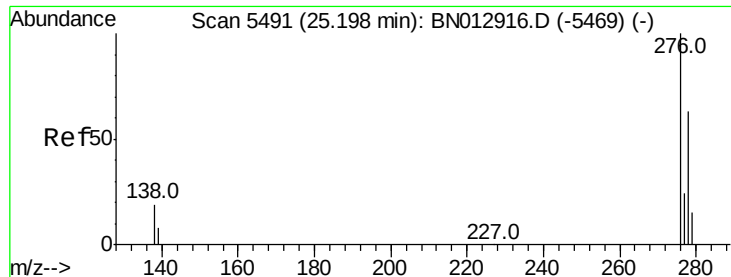


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.423 ng/ul

RT: 25.20 min Scan# 5491

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

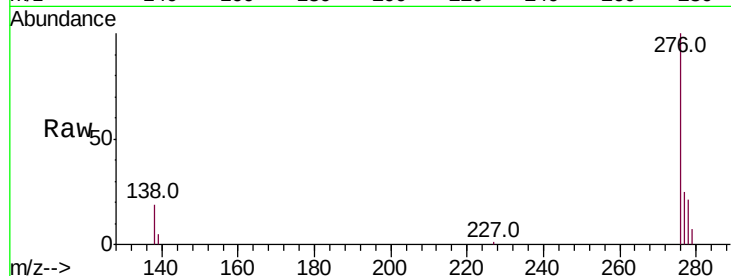
Tot Ion:276 Resp: 86493

Ion Ratio Lower Upper

276 100

138 18.6 16.2 24.2

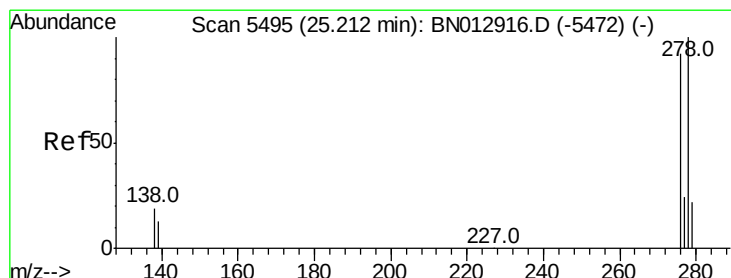
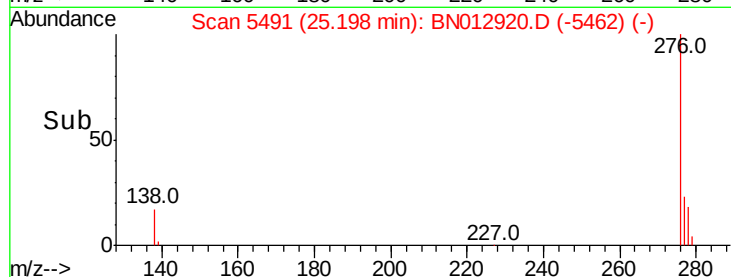
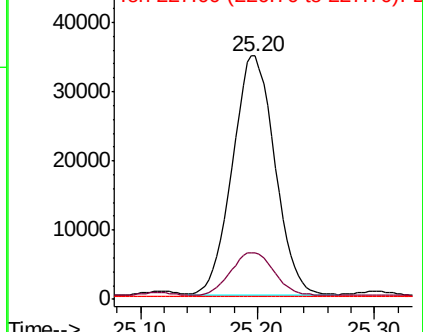
227 0.1 0.0 0.0#



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: 0.759 ng/ul

RT: 25.21 min Scan# 5493

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

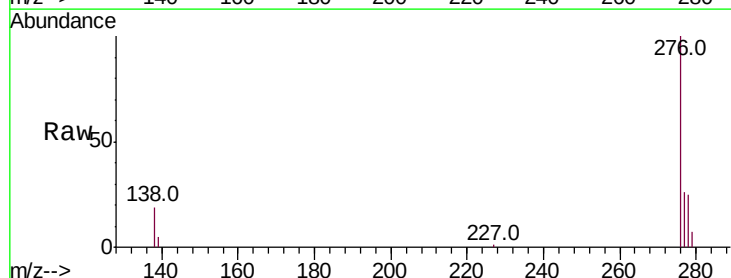
Tgt Ion:278 Resp: 21419

Ion Ratio Lower Upper

278 100

139 20.3 14.5 21.7

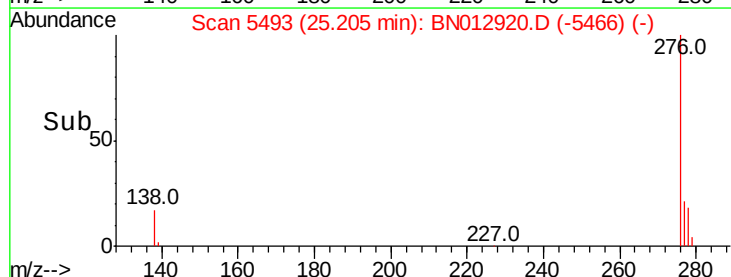
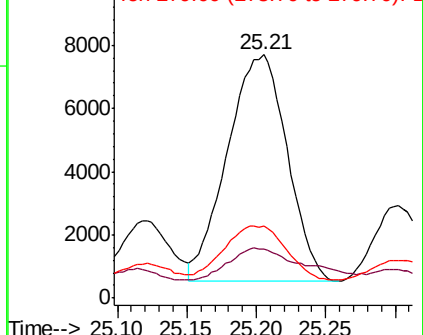
279 29.7 26.3 39.5

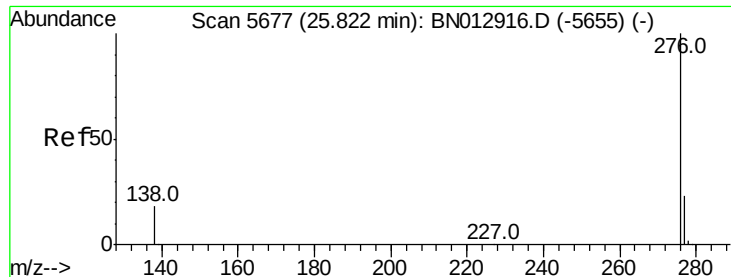


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.254 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

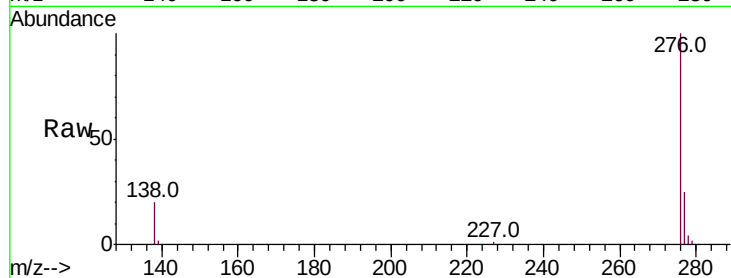
Tot Ion:276 Resp: 72779

Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

277 24.6 21.8 32.6



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

