

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012928.D
 Acq On : 06 Dec 2020 21:30
 Operator : CG/JU
 Sample : L4864-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Quant Time: Dec 07 03:10:08 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

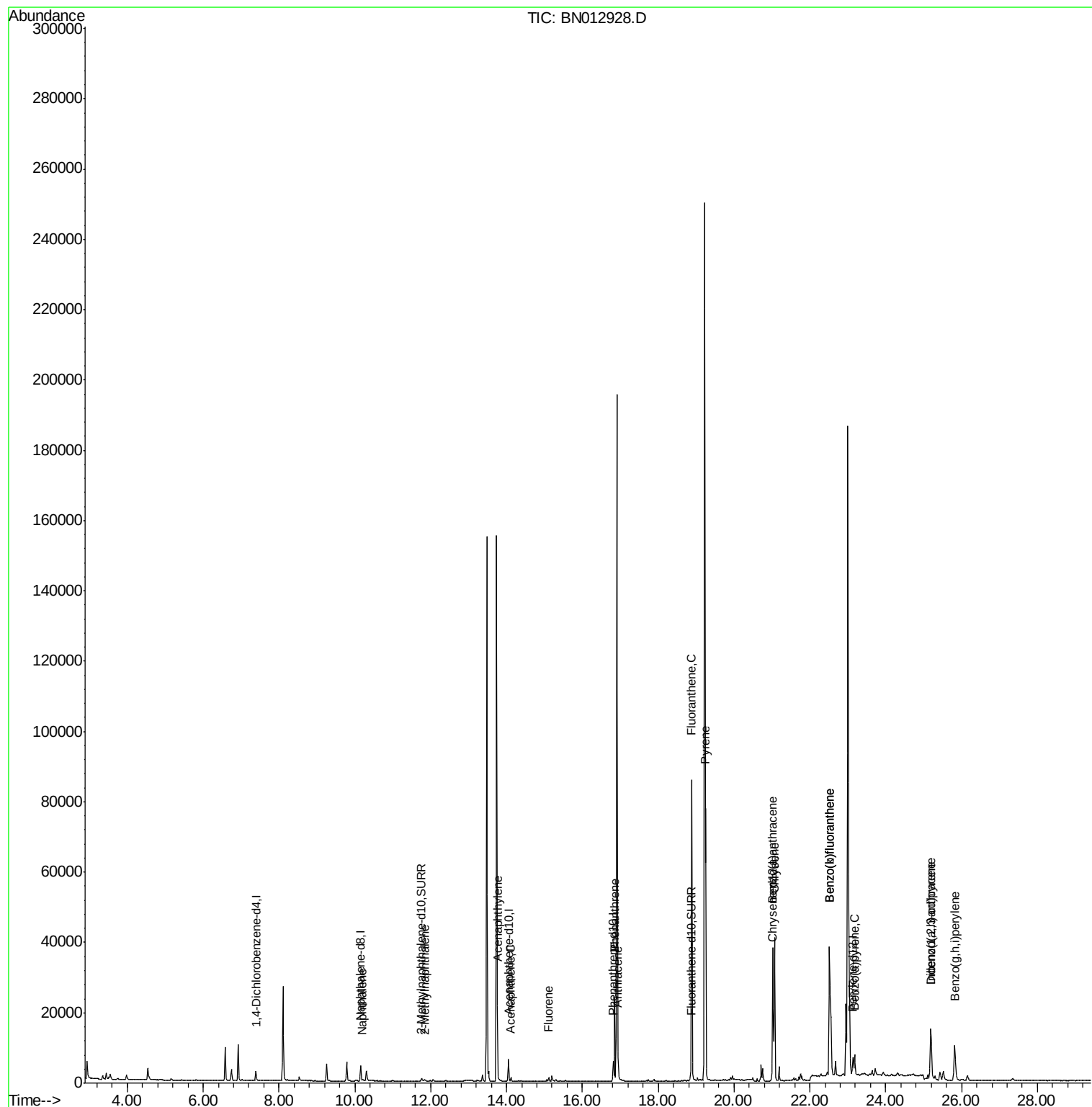
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1420	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5830	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	3298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6872	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5847	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5730	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	946	0.11	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2134	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	454	0.027	ng/ul#	79
5) 2-Methylnaphthalene	11.84	142	271	0.024	ng/ul	100
7) Acenaphthylene	13.77	152	435	0.028	ng/ul#	73
8) Acenaphthene	14.12	153	564	0.044	ng/ul	97
9) Fluorene	15.12	166	729	0.050	ng/ul#	98
12) Phenanthrene	16.85	178	24476	1.062	ng/ul	97
13) Anthracene	16.95	178	3849	0.196	ng/ul	98
15) Fluoranthene	18.88	202	73527	2.685	ng/ul	99
17) Pyrene	19.25	202	62283	2.255	ng/ul	98
18) Benzo(a)anthracene	21.02	228	30026	1.241	ng/ul	98
19) Chrysene	21.07	228	38505	1.441	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	72459	2.733	ng/ul	90
22) Benzo(k)fluoranthene	22.52	252	72459	2.473	ng/ul#	90
23) Benzo(a)pyrene	23.18	252	4643	0.189	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.19	276	21832	0.676	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.20	278	5220	0.204	ng/ul	94
26) Benzo(a,h,i)perylene	25.82	276	19629	0.672	ng/ul	97

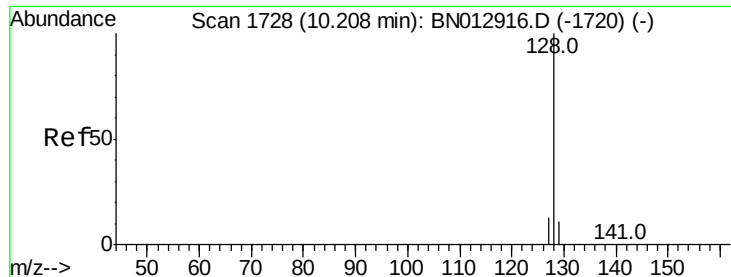
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

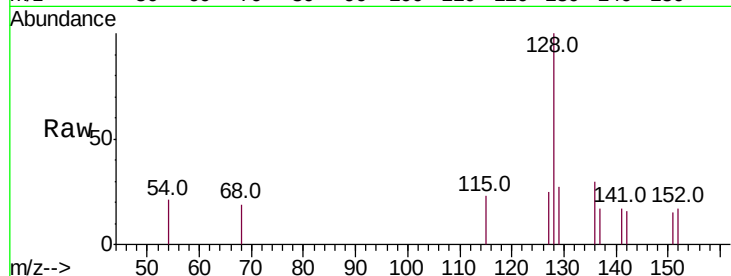
Tot Ion:128 Resp: 454

Ion Ratio Lower Upper

128 100

129 26.8 12.3 18.5#

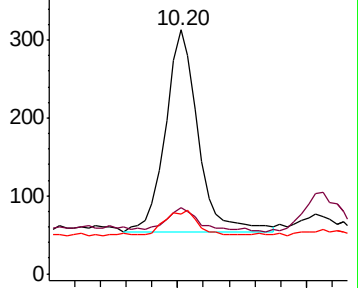
127 24.6 14.2 21.4#



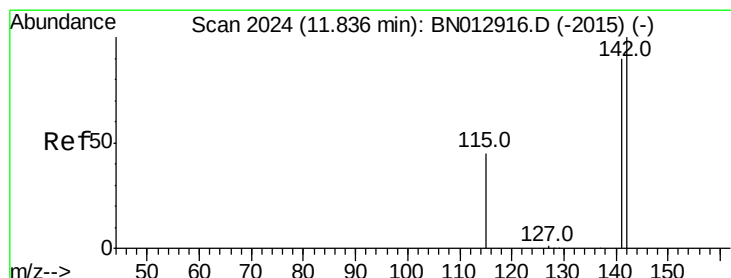
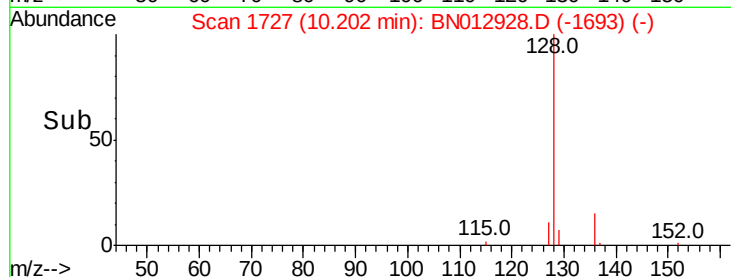
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012928.D

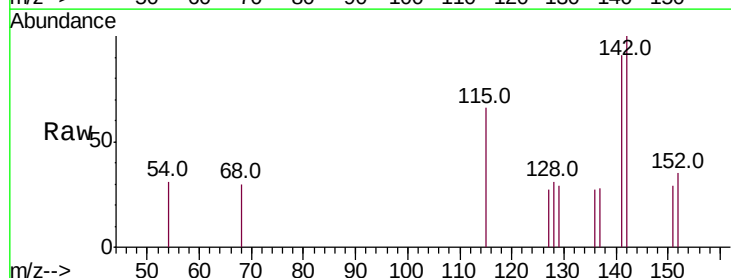
Acq: 06 Dec 2020 21:30

Tgt Ion:142 Resp: 271

Ion Ratio Lower Upper

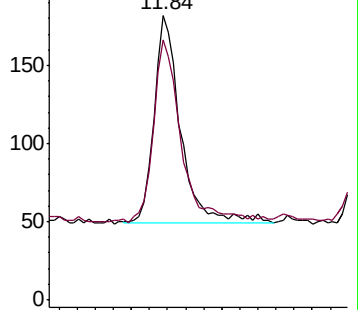
142 100

141 91.1 73.0 109.6

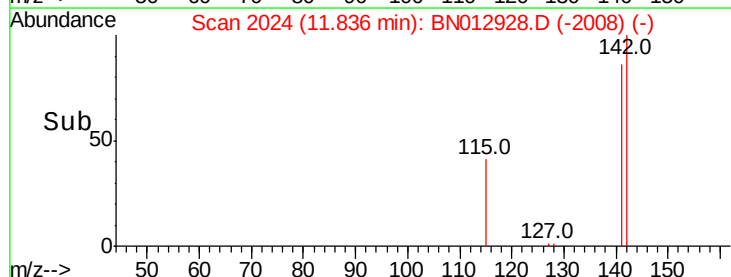


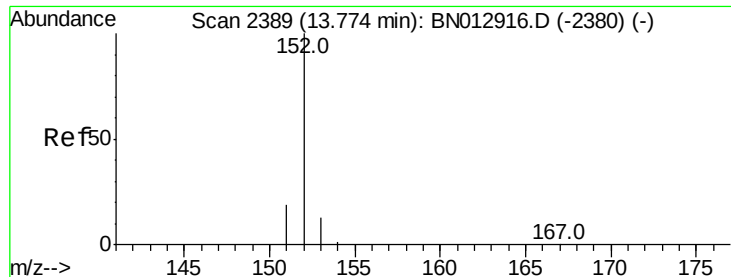
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

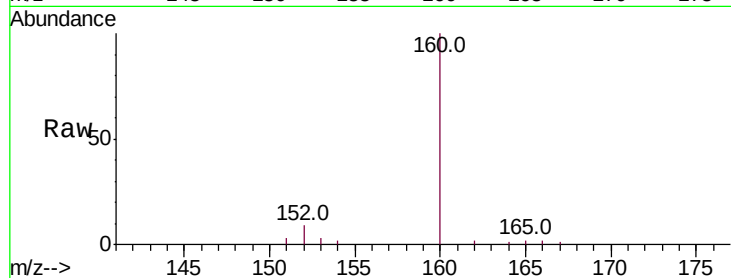
Tot Ion:152 Resp: 435

Ion Ratio Lower Upper

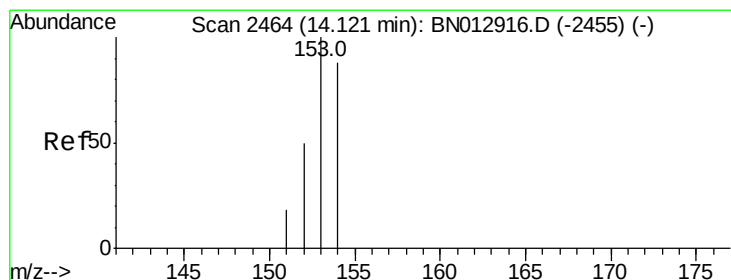
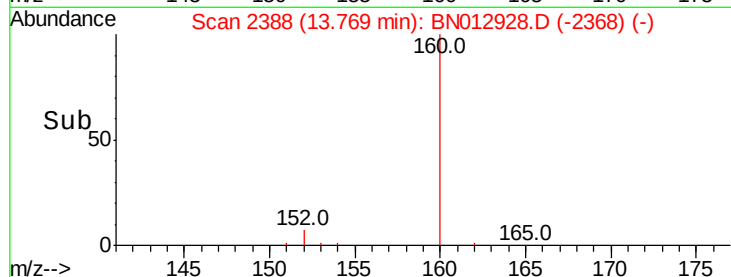
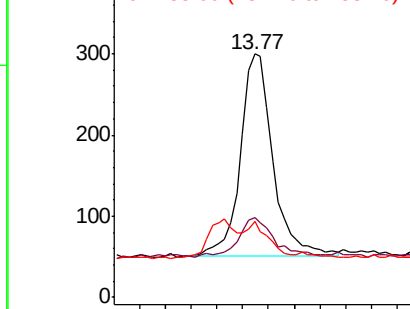
152 100

151 33.0 18.2 27.4#

153 31.3 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: 0.044 ng/ul

RT: 14.12 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

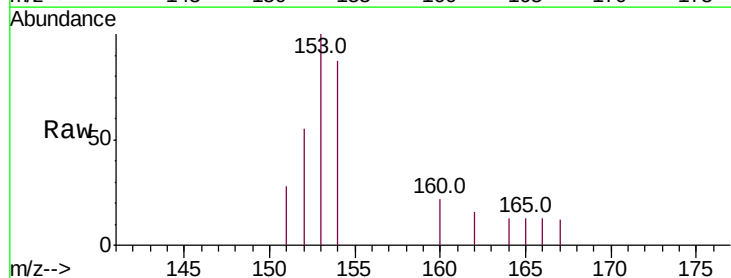
Tgt Ion:153 Resp: 564

Ion Ratio Lower Upper

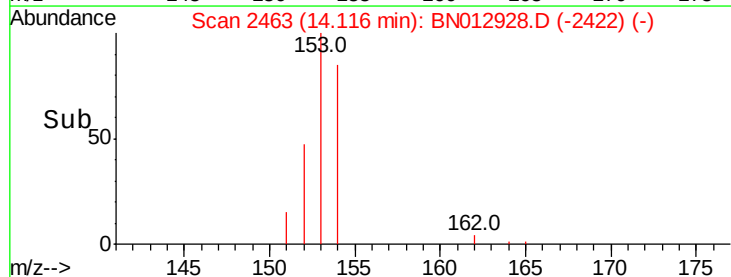
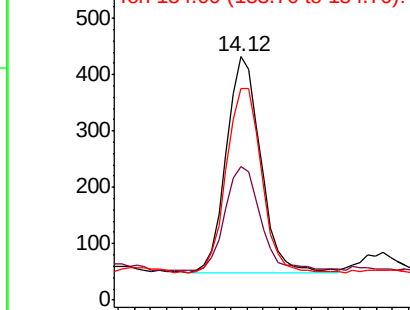
153 100

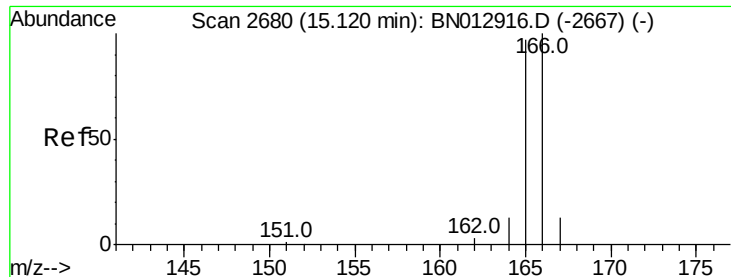
152 54.6 40.7 61.1

154 86.8 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: 0.050 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

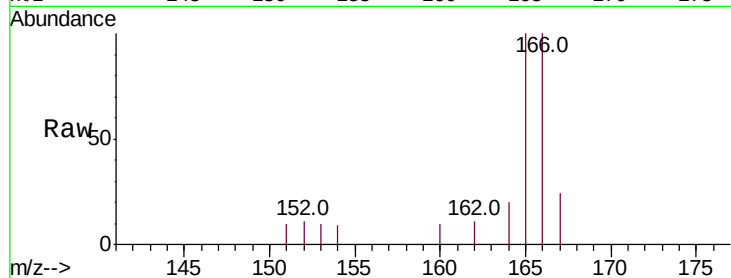
Tot Ion:166 Resp: 729

Ion Ratio Lower Upper

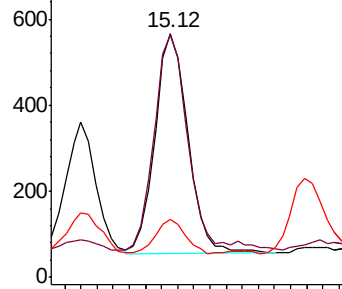
166 100

165 99.6 79.8 119.8

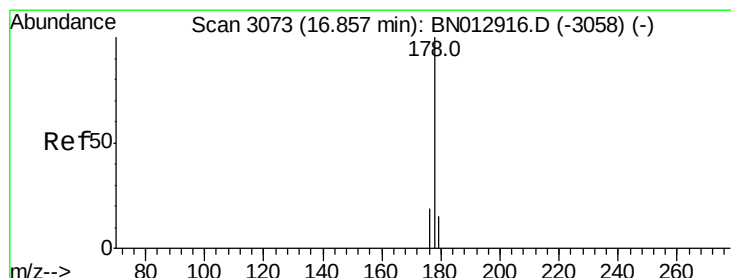
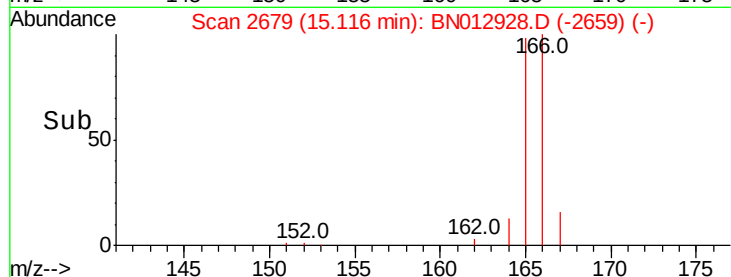
167 23.9 13.8 20.8#



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



Time-->



#12

Phenanthrene

Concen: 1.062 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

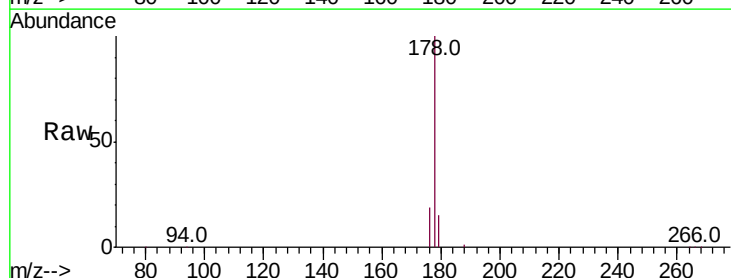
Tgt Ion:178 Resp: 24476

Ion Ratio Lower Upper

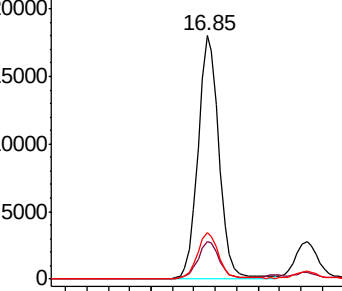
178 100

179 15.3 13.6 20.4

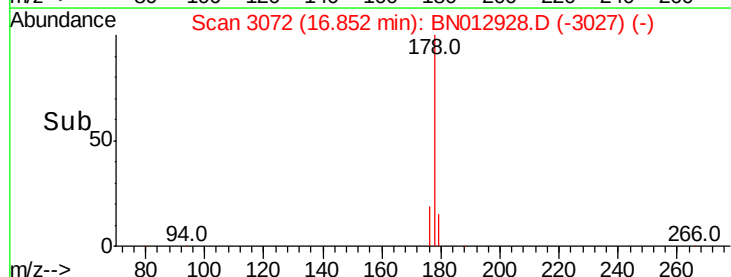
176 19.2 16.4 24.6

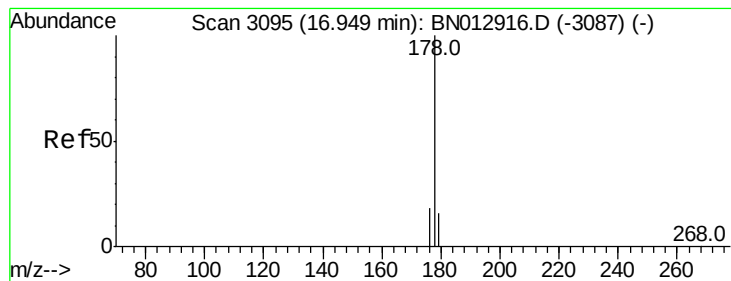


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.196 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

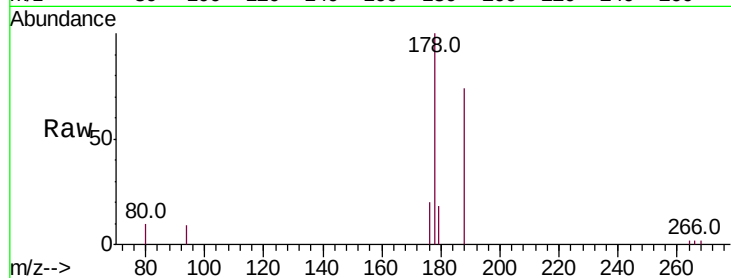
Tot Ion:178 Resp: 3849

Ion Ratio Lower Upper

178 100

179 17.6 14.6 21.8

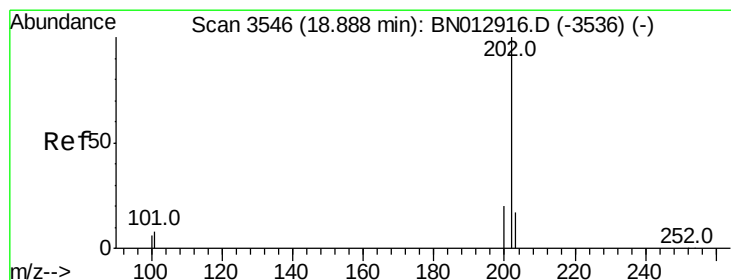
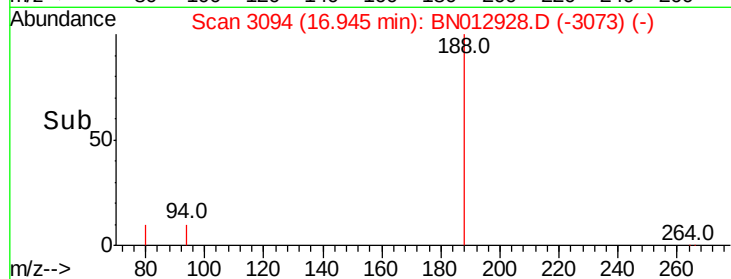
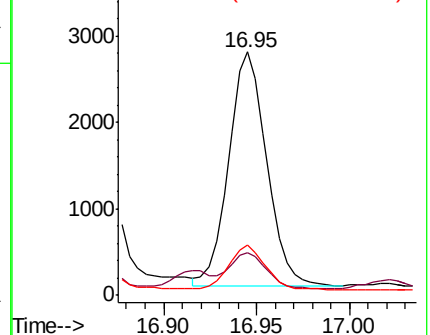
176 20.4 17.1 25.7



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: 2.685 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

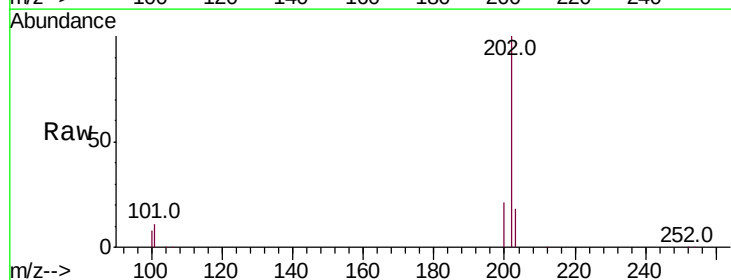
Tgt Ion:202 Resp: 73527

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.6

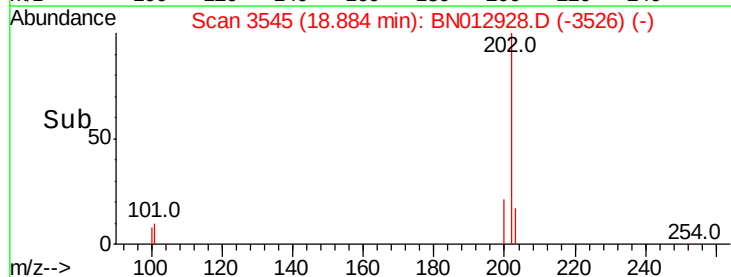
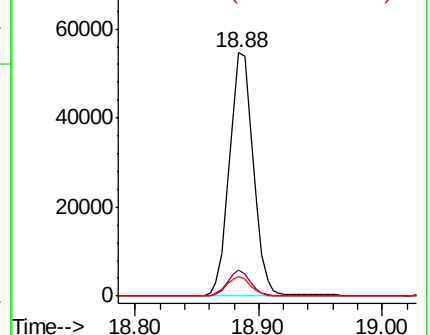
100 8.2 0.0 28.7

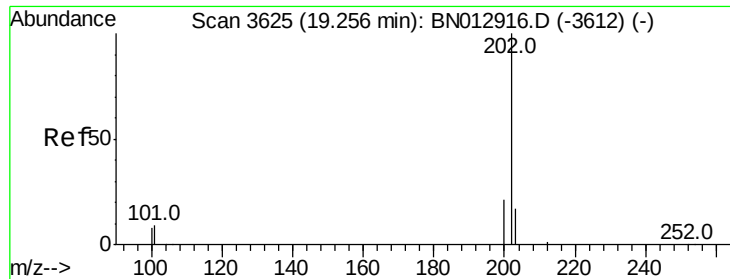


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

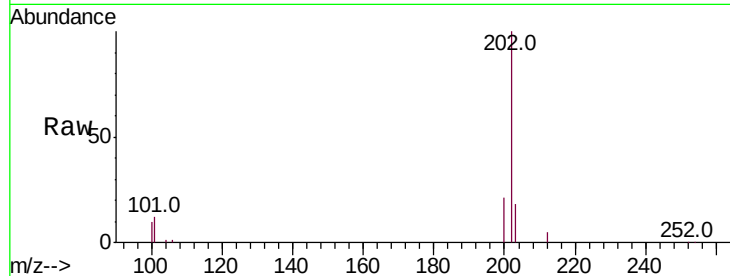




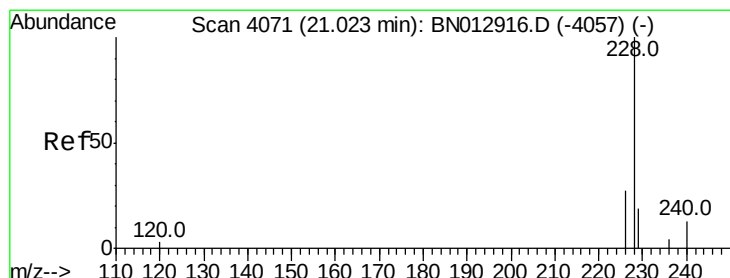
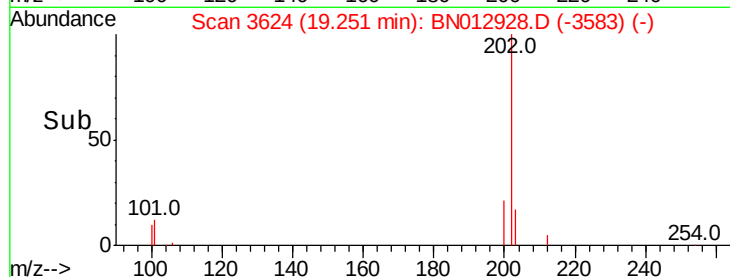
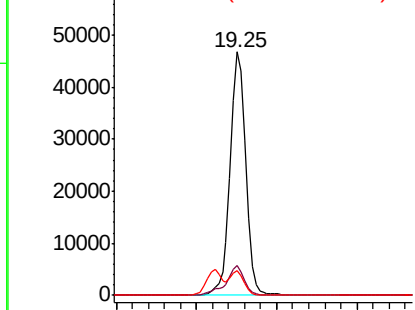
#17
Pvrene
Concen: 2.255 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	10.1	7.5	11.3

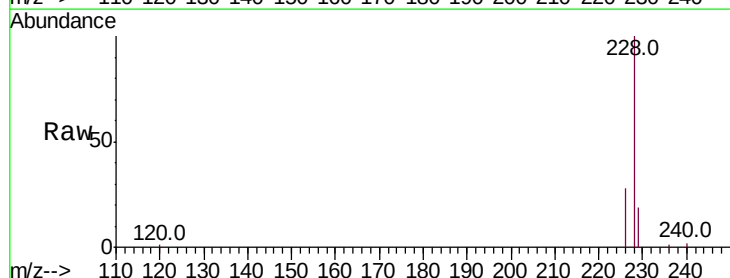


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

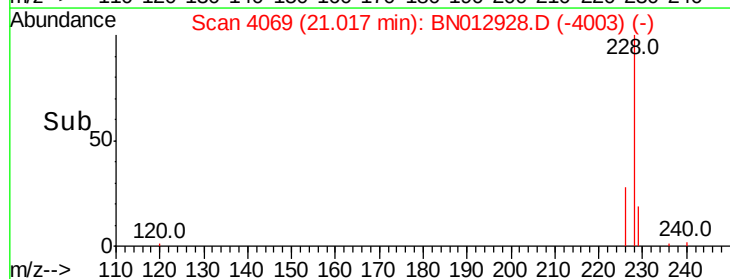
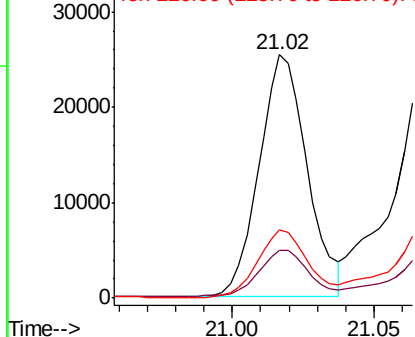


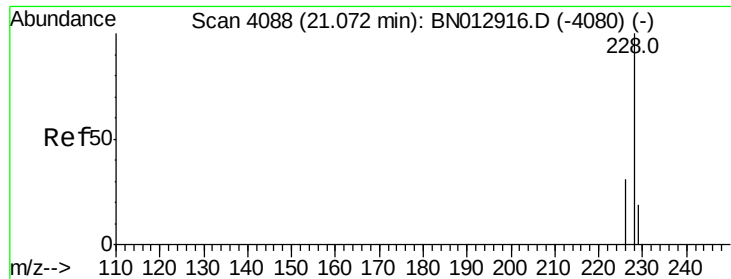
#18
Benzo(a)anthracene
Concen: 1.241 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.3	24.5
226	27.9	23.4	35.2



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: 1.441 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

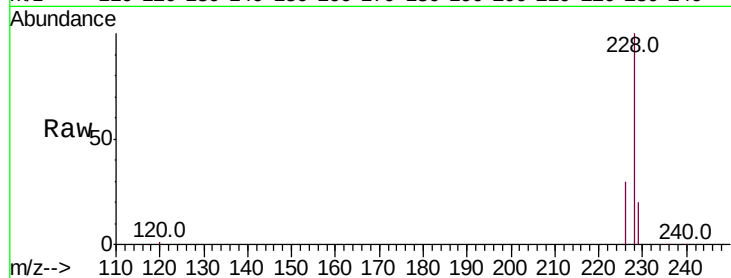
Tot Ion:228 Resp: 38505

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

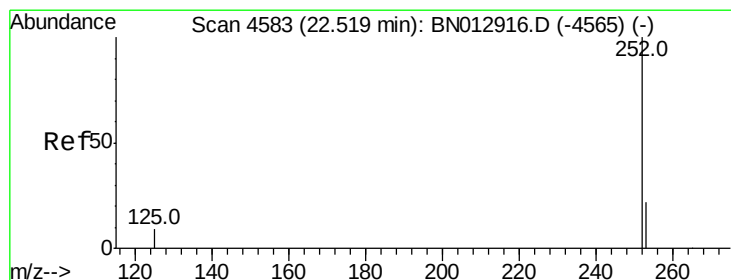
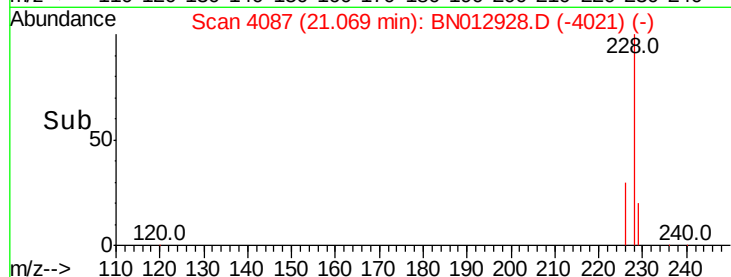
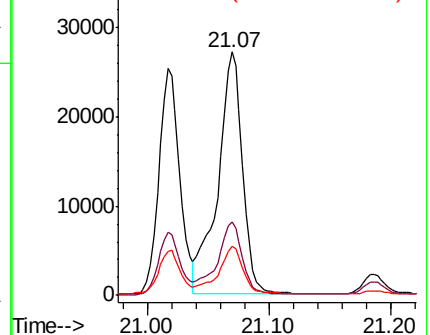
229 20.1 16.4 24.6



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: 2.733 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

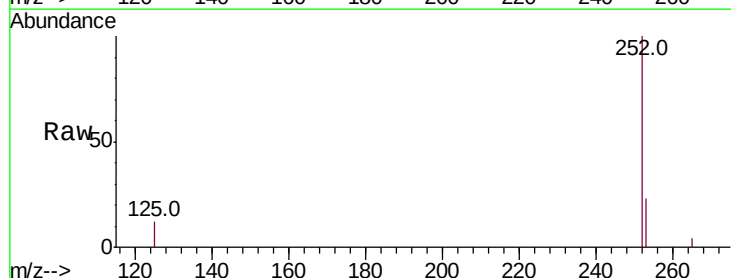
Tgt Ion:252 Resp: 72459

Ion Ratio Lower Upper

252 100

253 23.1 0.0 59.6

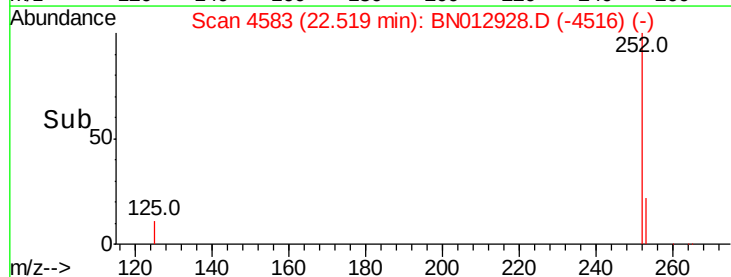
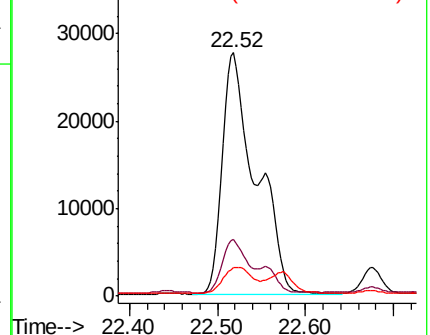
125 11.6 0.0 26.0

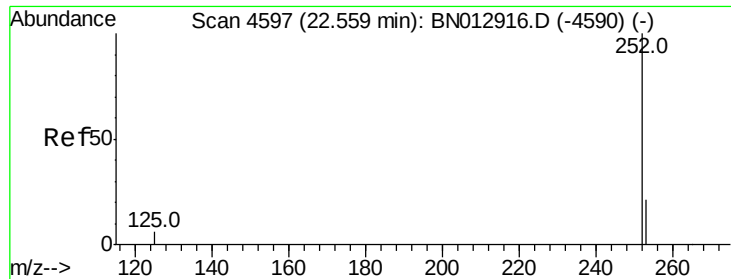


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.473 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.04 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

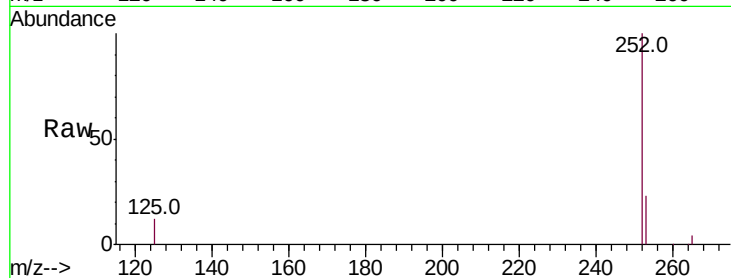
Tot Ion:252 Resp: 72459

Ion Ratio Lower Upper

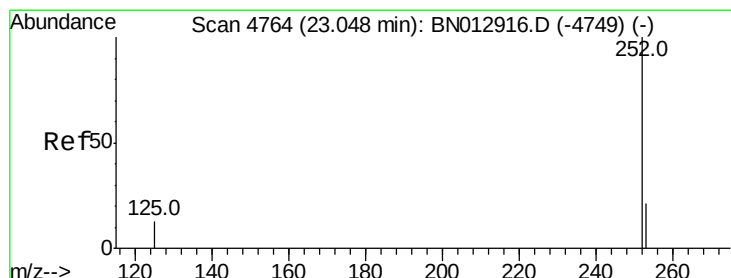
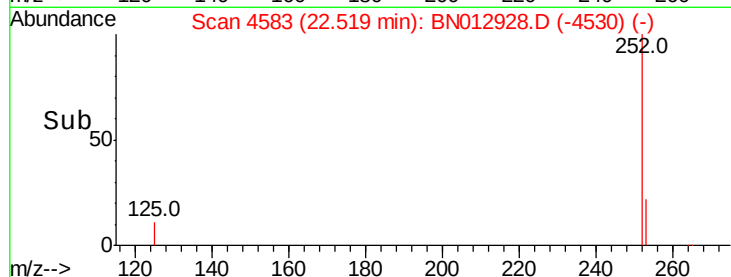
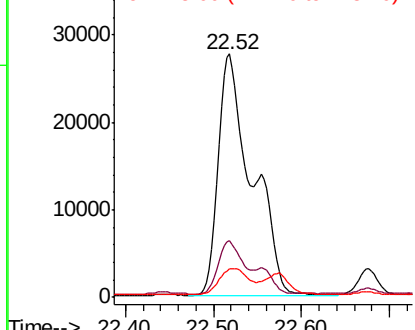
252 100

253 23.1 23.4 35.2#

125 11.6 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: 0.189 ng/ul

RT: 23.18 min Scan# 4808

Delta R.T. 0.13 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

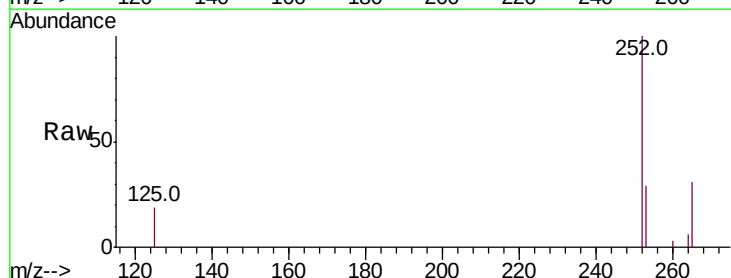
Tgt Ion:252 Resp: 4643

Ion Ratio Lower Upper

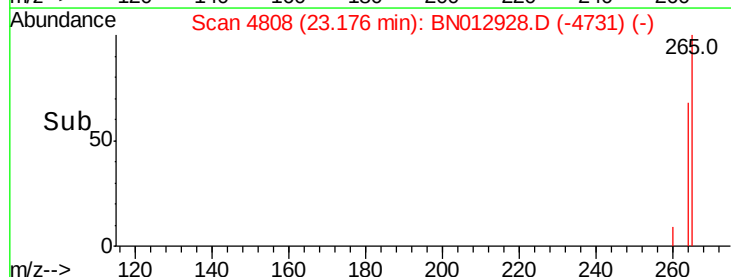
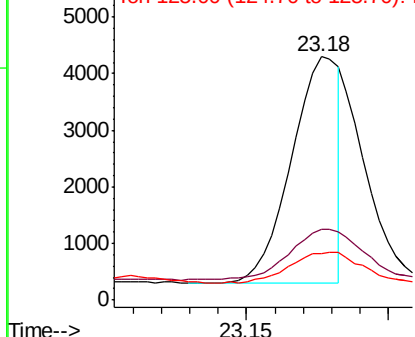
252 100

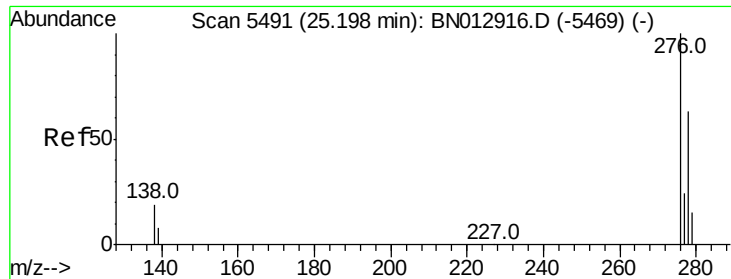
253 29.1 26.5 39.7

125 19.2 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



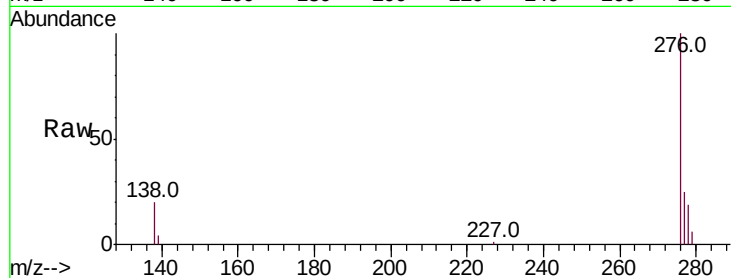


#24

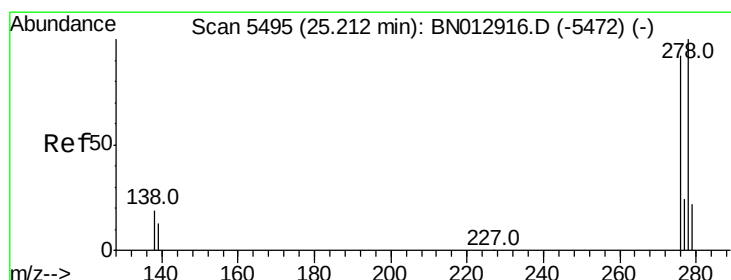
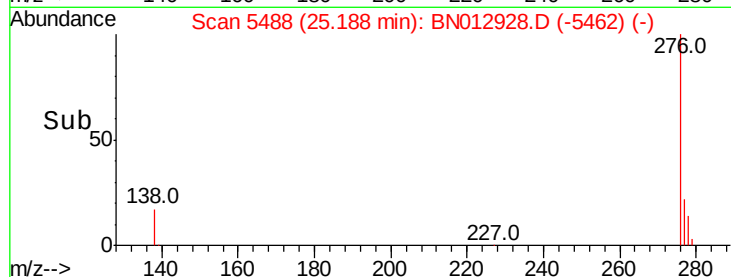
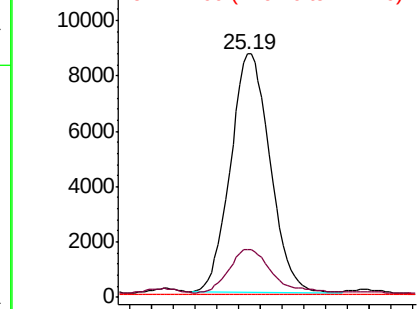
Indeno(1,2,3-cd)pyrene
Concen: 0.676 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Instrument :
BNA_N
ClientSampleId :
C0B63

Tot Ion:276 Resp: 21832
Ion Ratio Lower Upper
276 100
138 20.2 16.2 24.2
227 0.1 0.0 0.0#



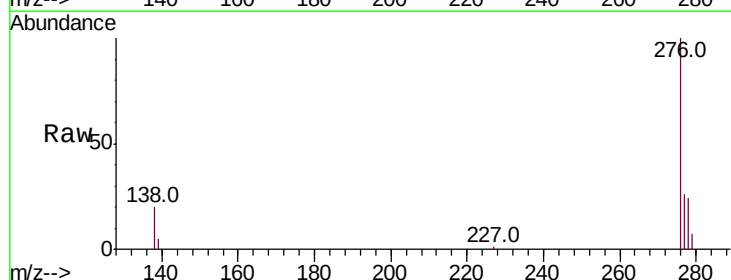
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



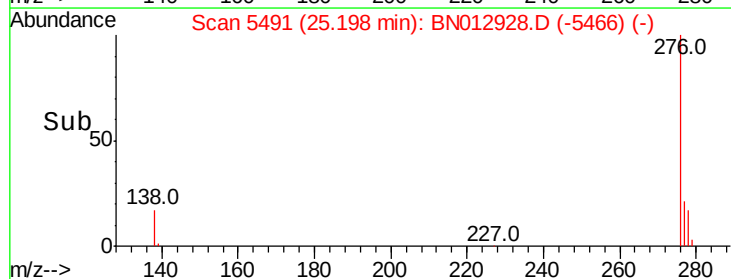
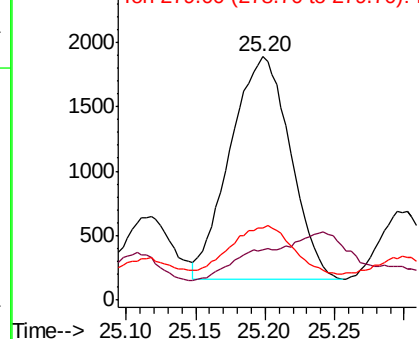
#25

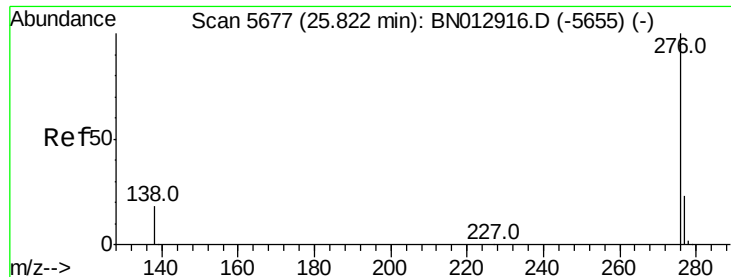
Dibenzo(a,h)anthracene
Concen: 0.204 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Tgt Ion:278 Resp: 5220
Ion Ratio Lower Upper
278 100
139 20.8 14.5 21.7
279 29.4 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: 0.672 ng/ul

RT: 25.82 min Scan# 5677

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

ClientSampleId :

C0B63

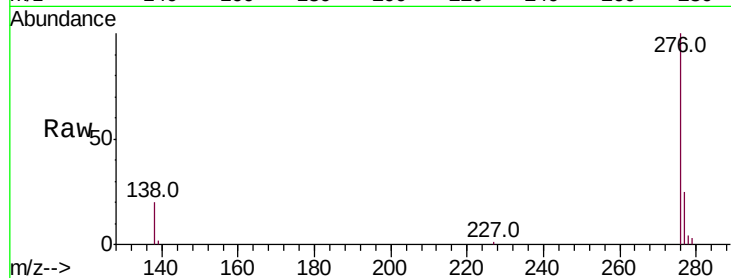
Tot Ion:276 Resp: 19629

Ion Ratio Lower Upper

276 100

138 19.7 16.3 24.5

277 24.8 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

