

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012947.D
 Acq On : 07 Dec 2020 19:55
 Operator : CG/JU
 Sample : L4864-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

Quant Time: Dec 08 00:16:56 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 : Tue Dec 08 00:15:39 2020
 Response via : Initial Calibration

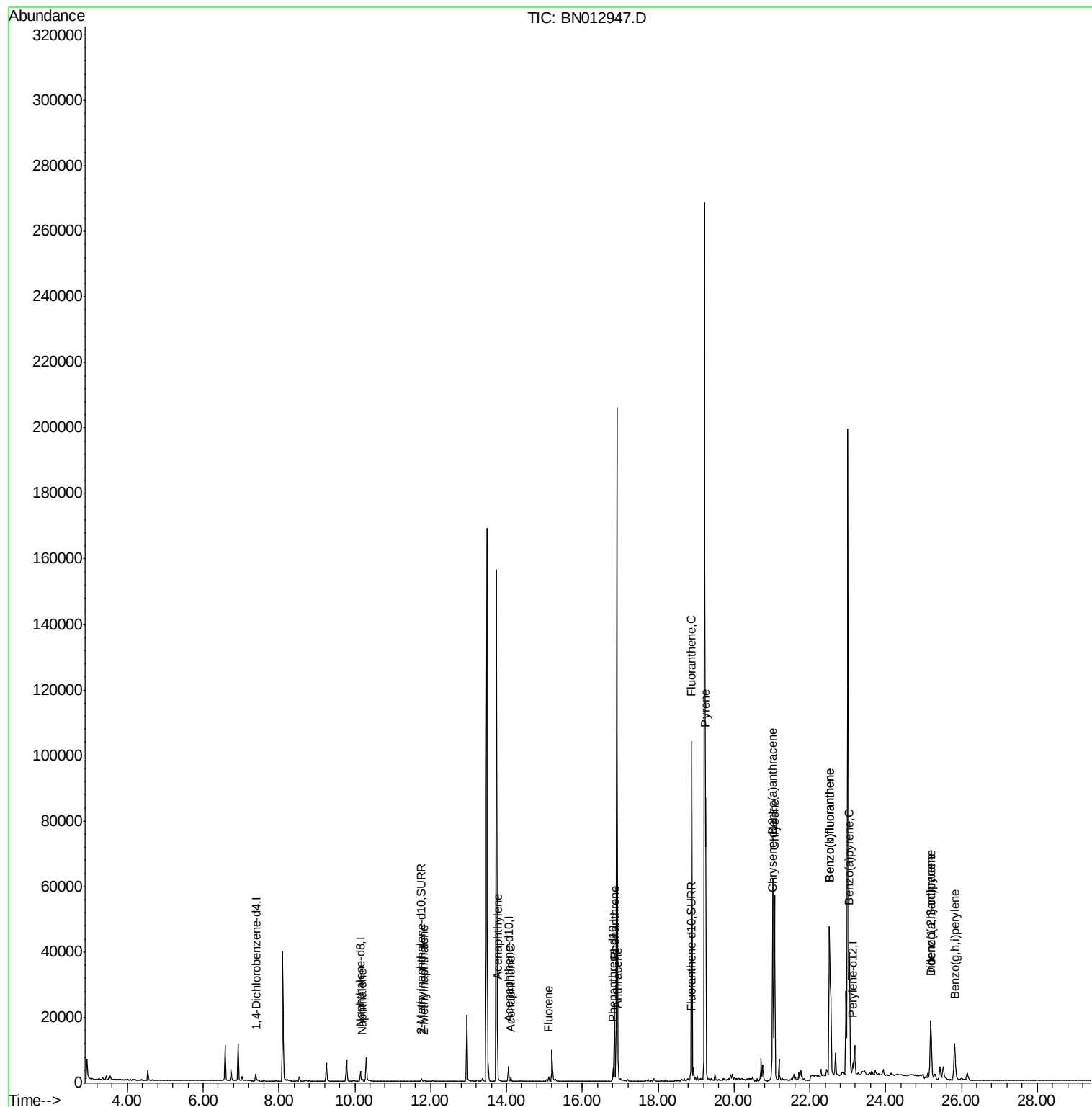
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	988	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4063	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4955	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4646	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4111	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	957	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2339	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	536	0.046	ng/ul#	83
5) 2-Methylnaphthalene	11.83	142	250	0.032	ng/ul	92
7) Acenaphthylene	13.77	152	789	0.072	ng/ul#	88
8) Acenaphthene	14.11	153	778	0.087	ng/ul	97
9) Fluorene	15.11	166	860	0.084	ng/ul#	95
12) Phenanthrene	16.85	178	23682	1.425	ng/ul	97
13) Anthracene	16.94	178	4638	0.328	ng/ul	97
15) Fluoranthene	18.88	202	85960	4.354	ng/ul	97
17) Pyrene	19.25	202	76492	3.486	ng/ul	99
18) Benzo(a)anthracene	21.02	228	49122	2.556	ng/ul	98
19) Chrysene	21.07	228	53620	2.525	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	97198	5.111	ng/ul	91
22) Benzo(k)fluoranthene	22.52	252	97198	4.624	ng/ul#	91
23) Benzo(a)pyrene	23.04	252	44809	2.539	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.19	276	25608	1.105	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7232	0.394	ng/ul	98
26) Benzo(a,h,i)perylene	25.82	276	21854	1.042	ng/ul	97

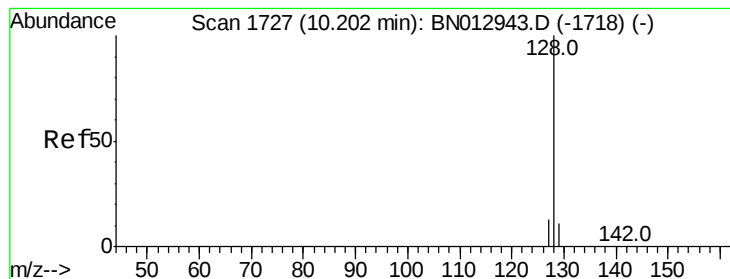
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

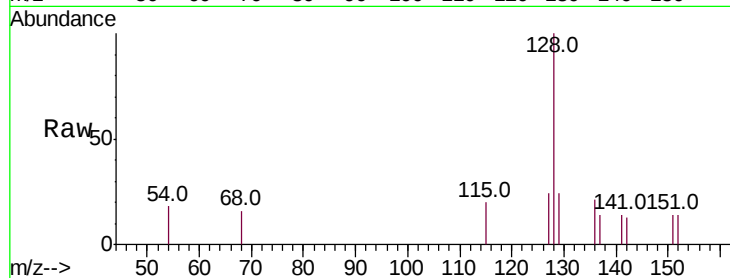
Tot Ion:128 Resp: 536

Ion Ratio Lower Upper

128 100

129 23.9 12.3 18.5#

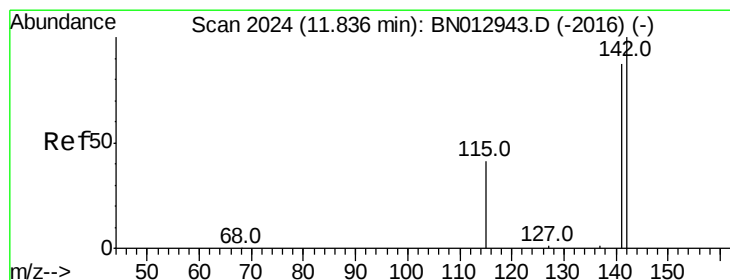
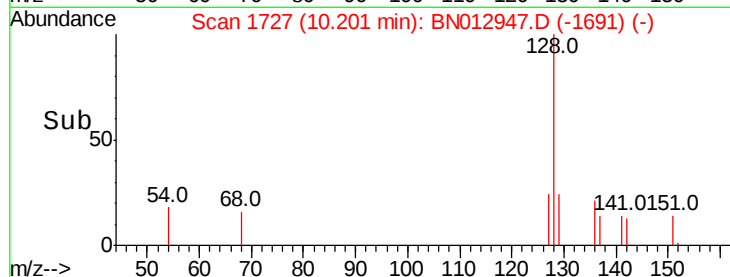
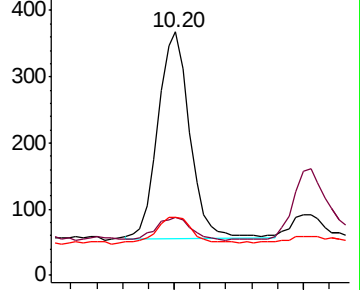
127 23.6 14.2 21.4#



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



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 11.83 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BN012947.D

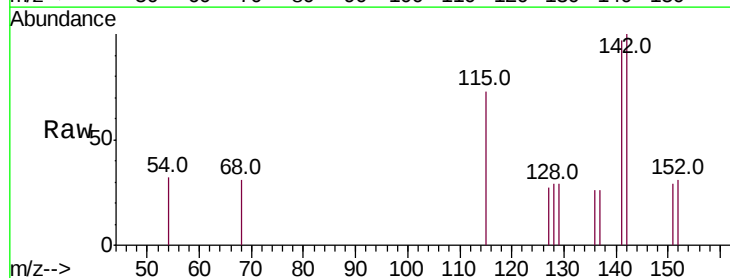
Acq: 07 Dec 2020 19:55

Tgt Ion:142 Resp: 250

Ion Ratio Lower Upper

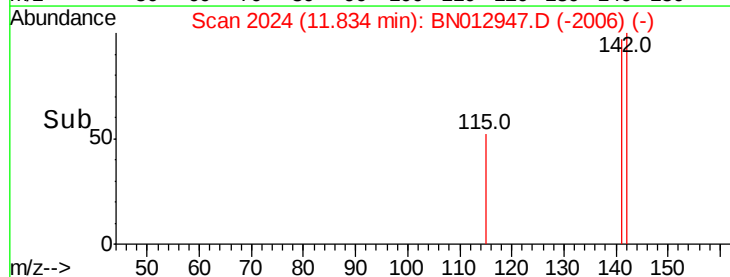
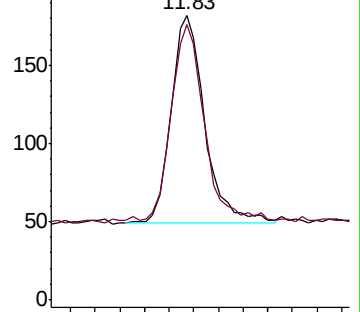
142 100

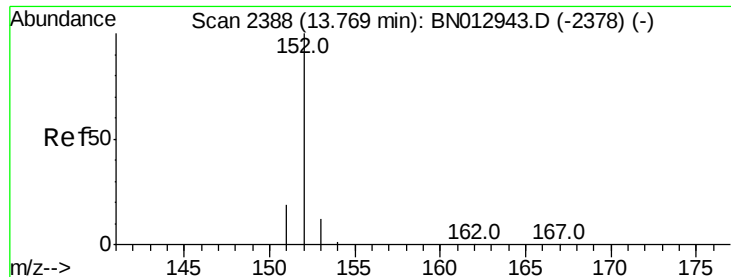
141 99.2 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

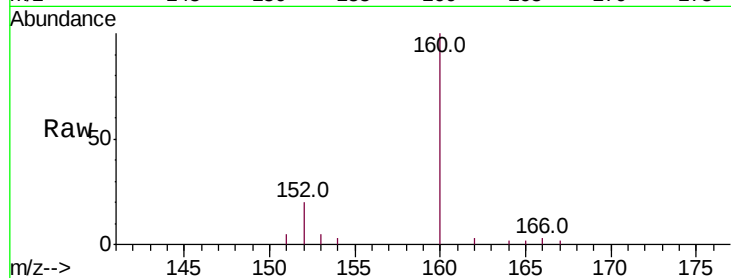
Tot Ion:152 Resp: 789

Ion Ratio Lower Upper

152 100

151 27.1 18.2 27.4

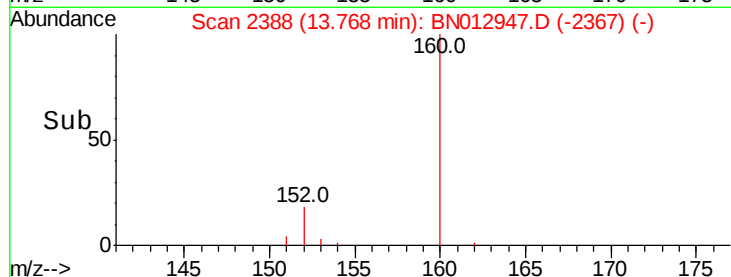
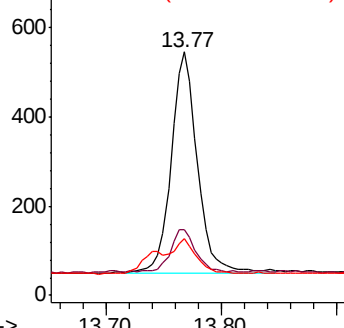
153 23.3 13.1 19.7#



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: 0.087 ng/ul

RT: 14.11 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

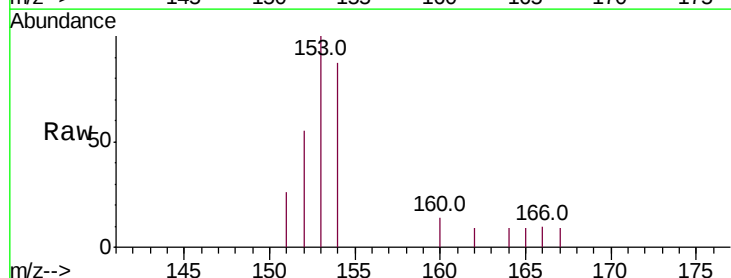
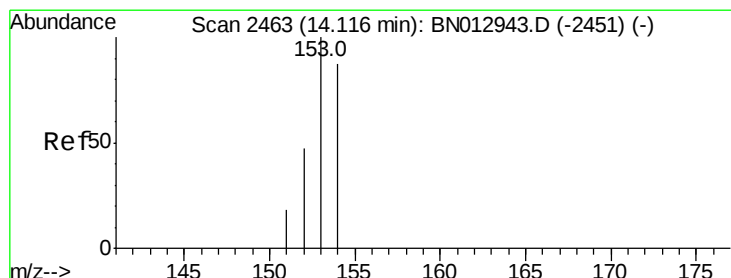
Tgt Ion:153 Resp: 778

Ion Ratio Lower Upper

153 100

152 55.0 40.7 61.1

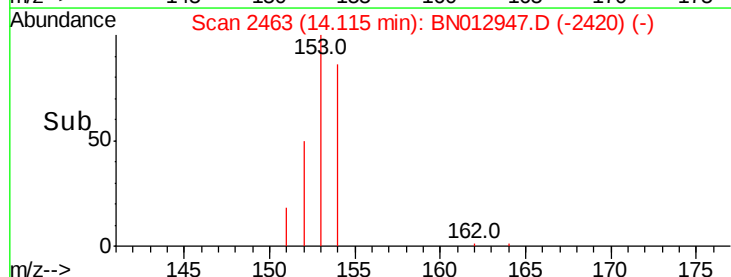
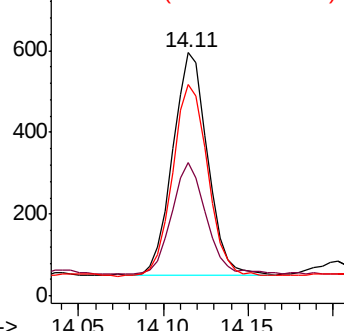
154 87.1 70.8 106.2

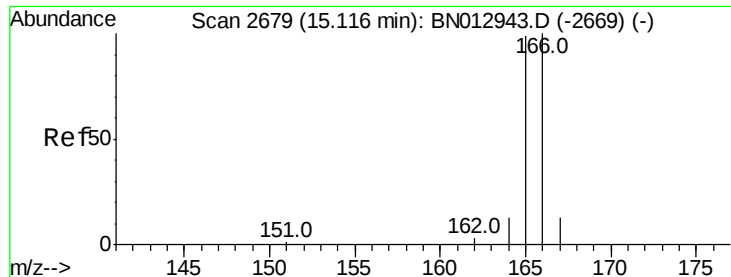


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.084 ng/ul

RT: 15.11 min Scan# 2679

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampled :

C0B72

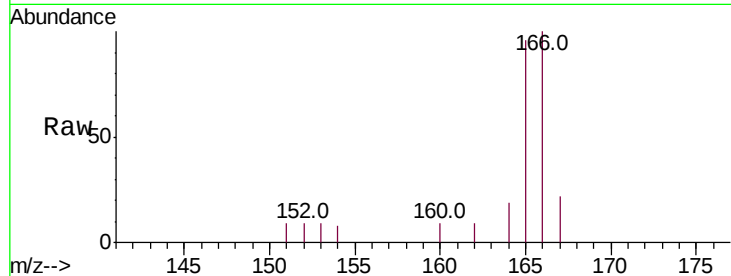
Tot Ion:166 Resp: 860

Ion Ratio Lower Upper

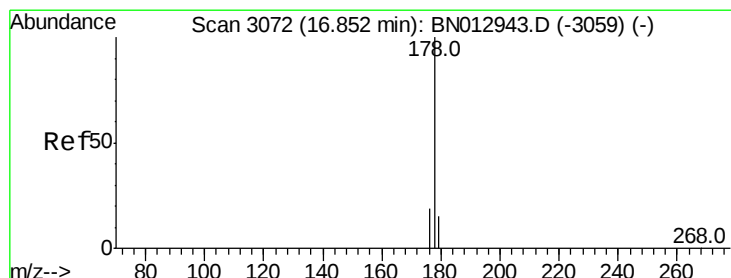
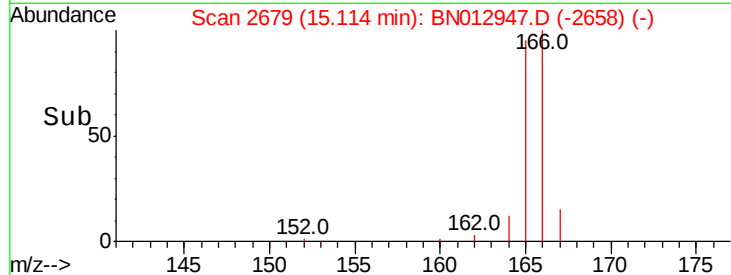
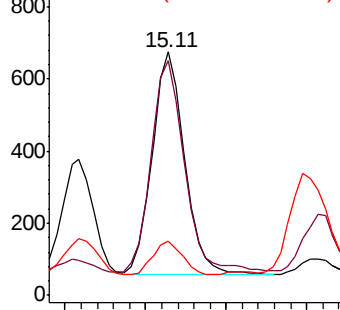
166 100

165 96.4 79.8 119.8

167 22.4 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: 1.425 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

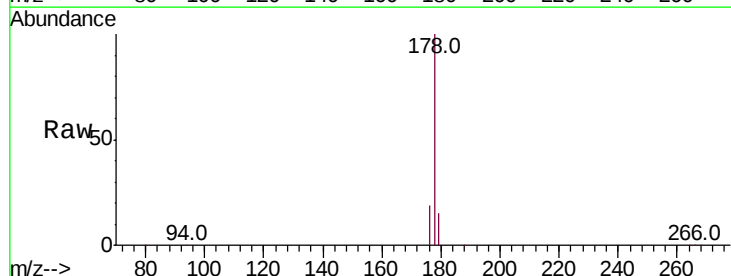
Tgt Ion:178 Resp: 23682

Ion Ratio Lower Upper

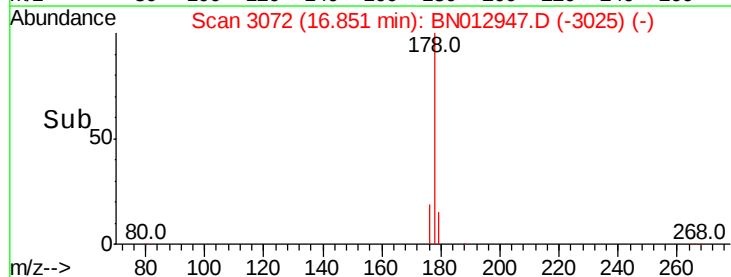
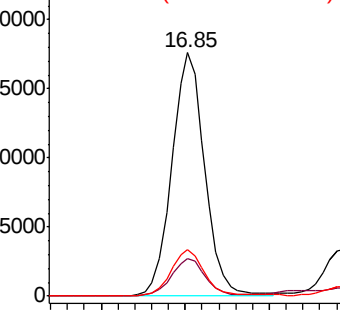
178 100

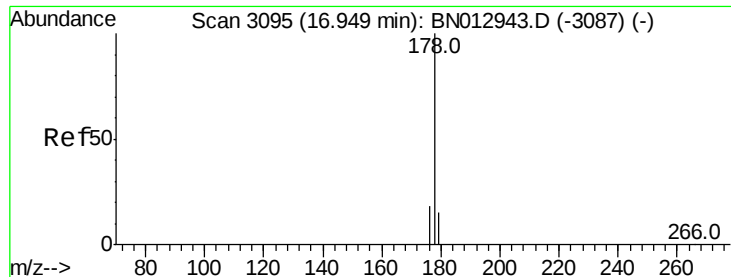
179 15.5 13.6 20.4

176 19.3 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: 0.328 ng/ul

RT: 16.94 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

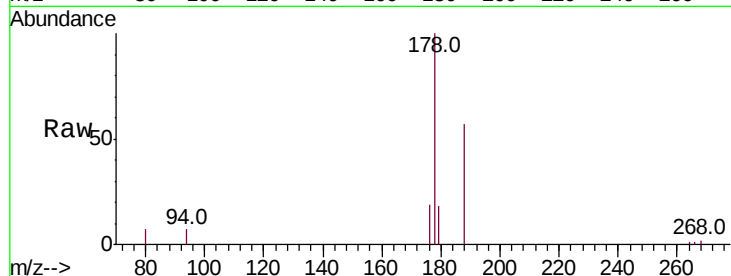
Tot Ion:178 Resp: 4638

Ion Ratio Lower Upper

178 100

179 17.7 14.6 21.8

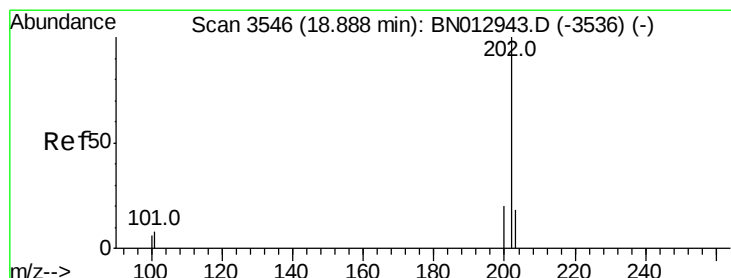
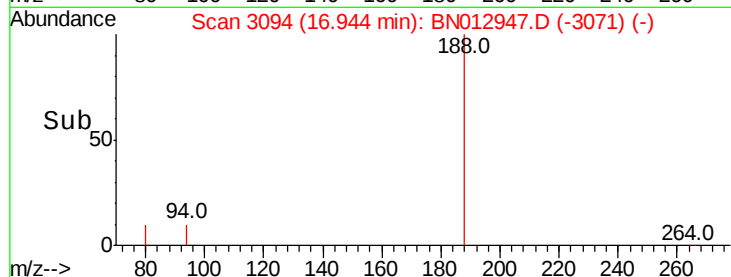
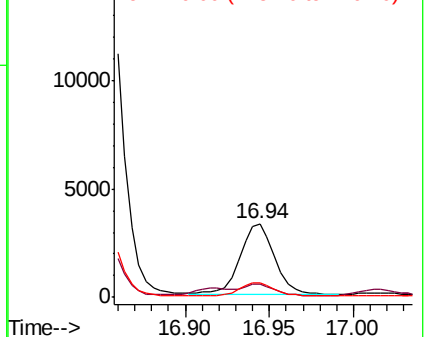
176 19.4 17.1 25.7



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: 4.354 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

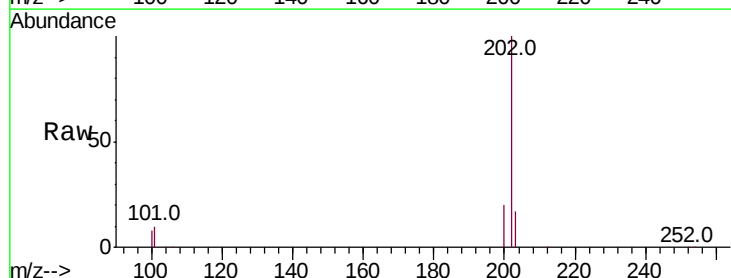
Tgt Ion:202 Resp: 85960

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.6

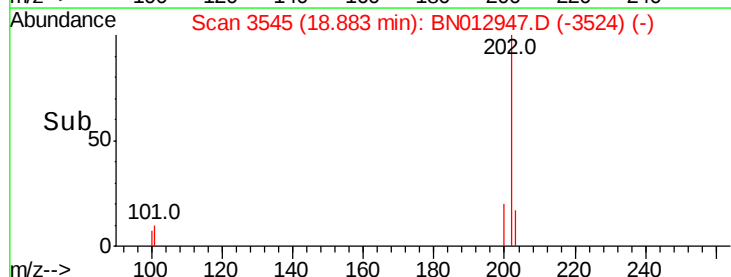
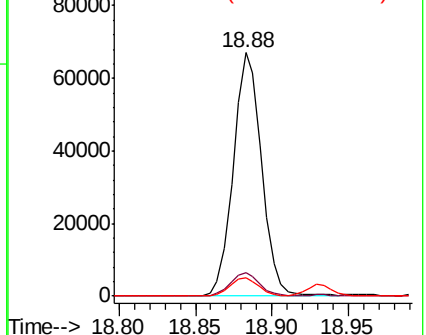
100 7.6 0.0 28.7

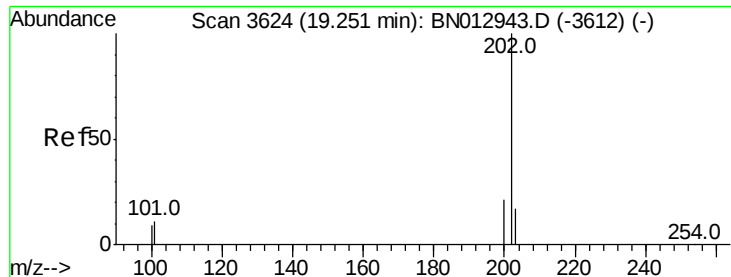


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

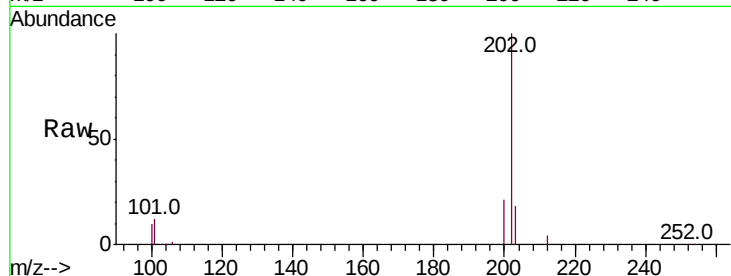




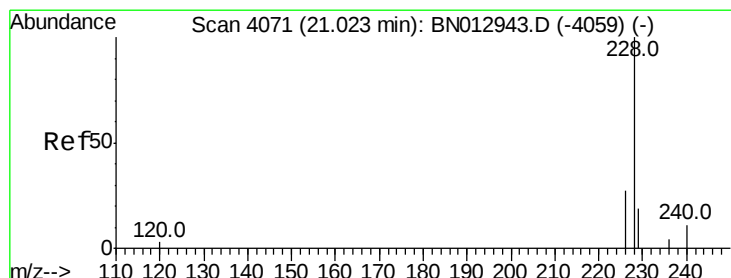
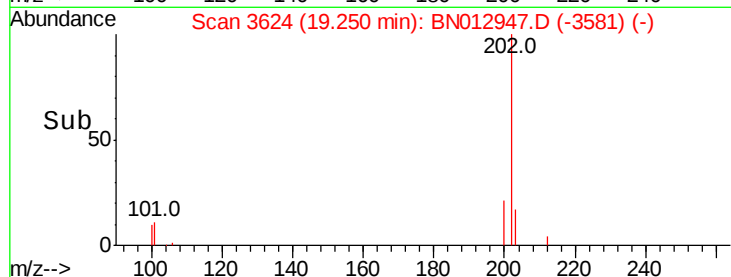
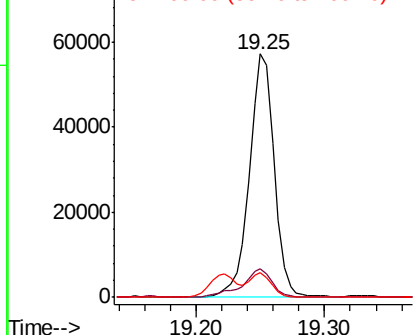
#17
Pvrene
Concen: 3.486 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012947.D
Acq: 07 Dec 2020 19:55

Instrument :
BNA_N
ClientSampleId :
C0B72

Tot Ion:202 Resp: 76492
Ion Ratio Lower Upper
202 100
101 11.7 9.1 13.7
100 10.0 7.5 11.3

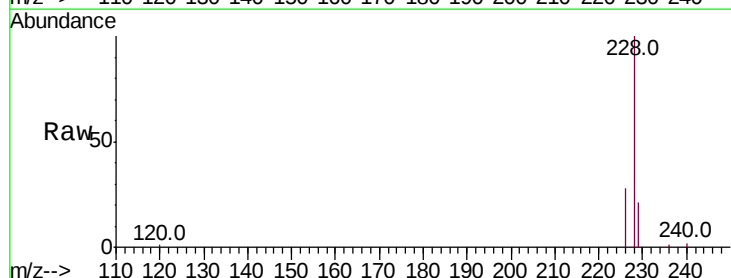


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

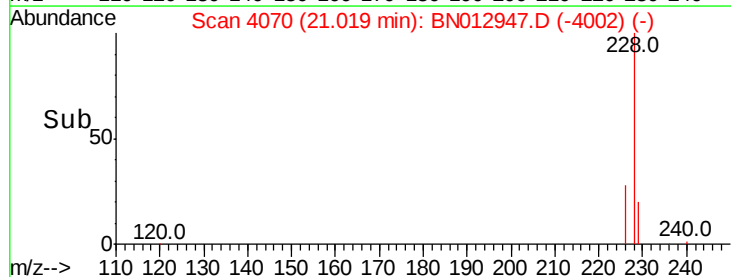
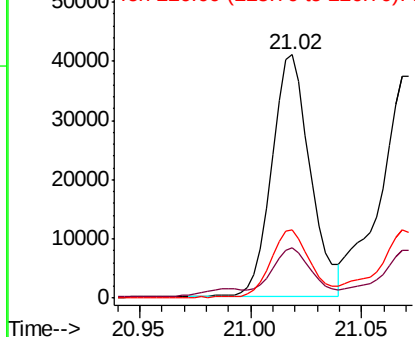


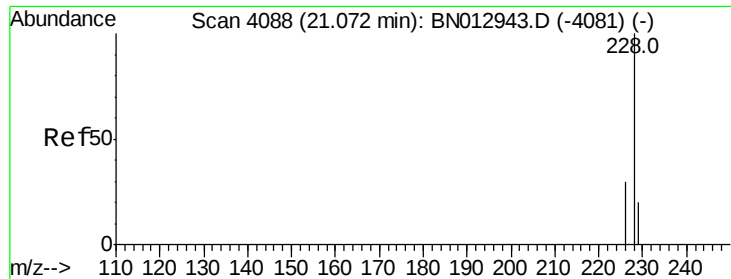
#18
Benzo(a)anthracene
Concen: 2.556 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012947.D
Acq: 07 Dec 2020 19:55

Tgt Ion:228 Resp: 49122
Ion Ratio Lower Upper
228 100
229 20.5 16.3 24.5
226 28.0 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: 2.525 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampled :

C0B72

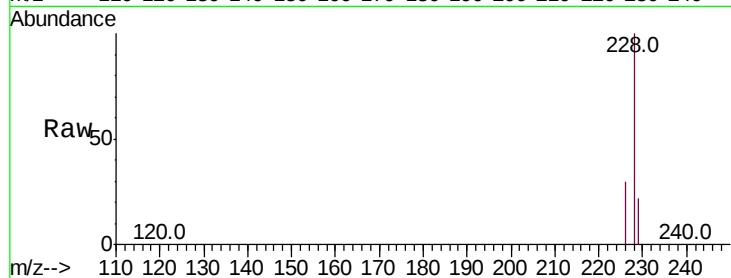
Tot Ion:228 Resp: 53620

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

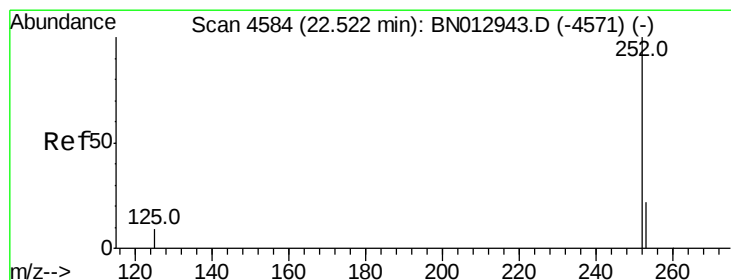
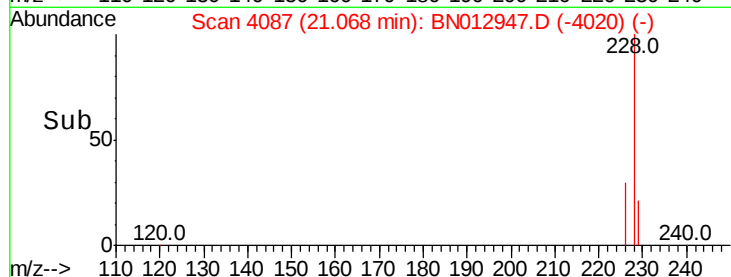
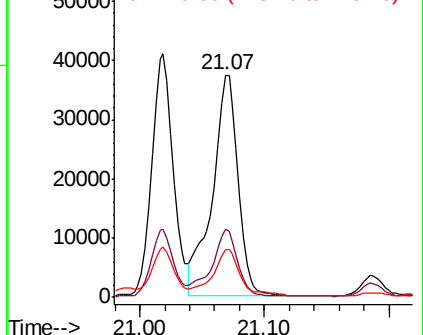
229 21.8 16.4 24.6



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: 5.111 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

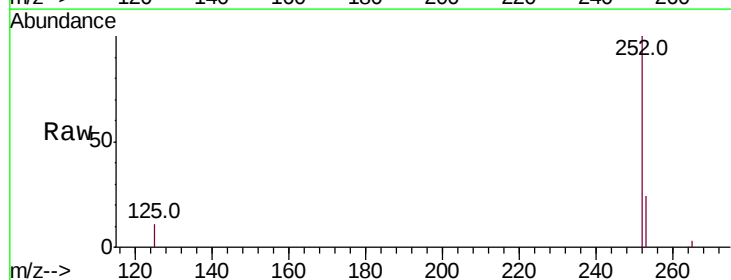
Tgt Ion:252 Resp: 97198

Ion Ratio Lower Upper

252 100

253 23.8 0.0 59.6

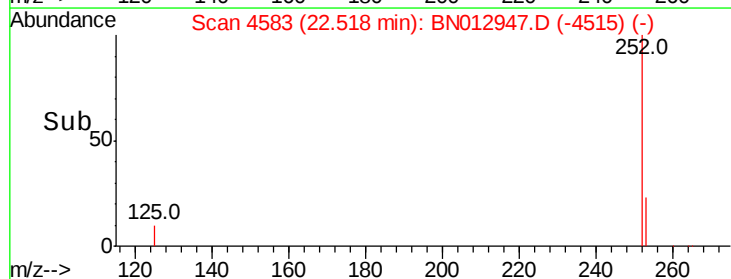
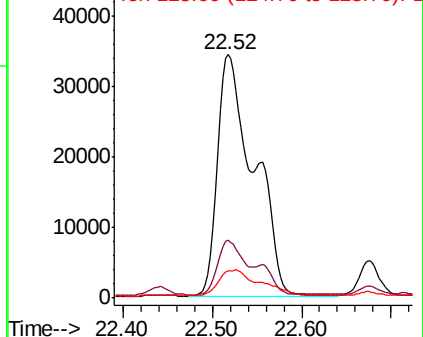
125 11.0 0.0 26.0

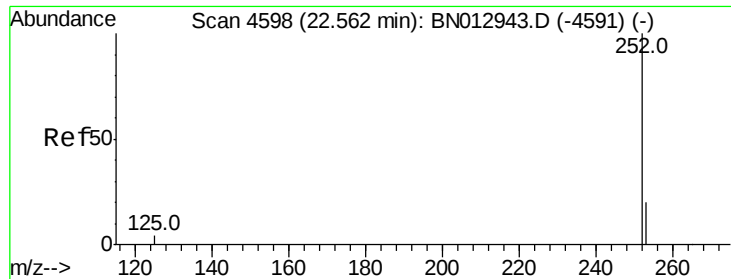


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.624 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.04 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

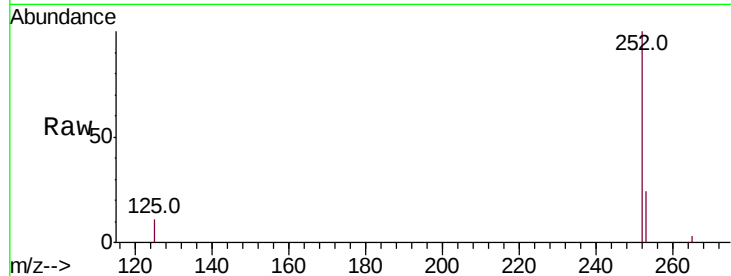
Tot Ion:252 Resp: 97198

Ion Ratio Lower Upper

252 100

253 23.8 23.4 35.2

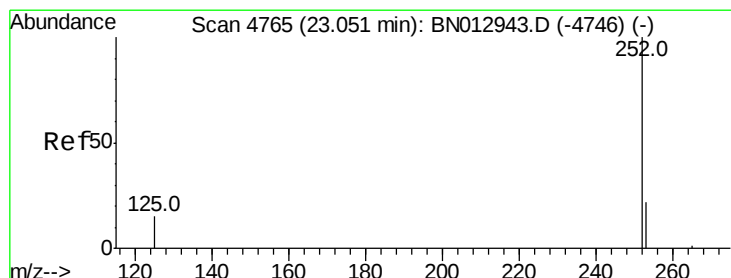
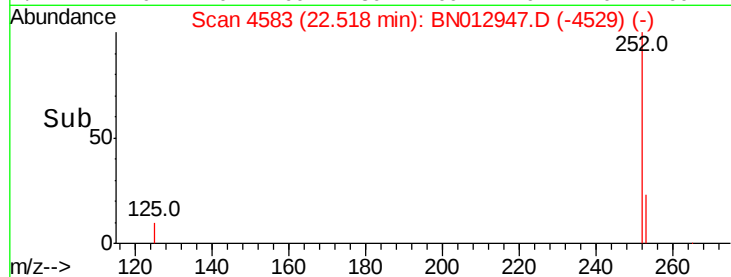
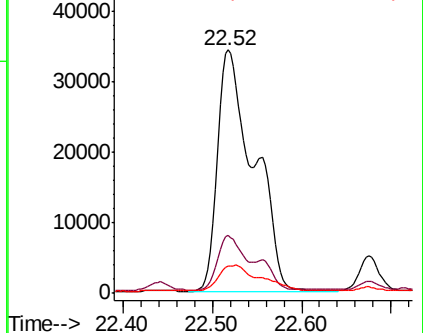
125 11.0 11.1 16.7#



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: 2.539 ng/ul

RT: 23.04 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

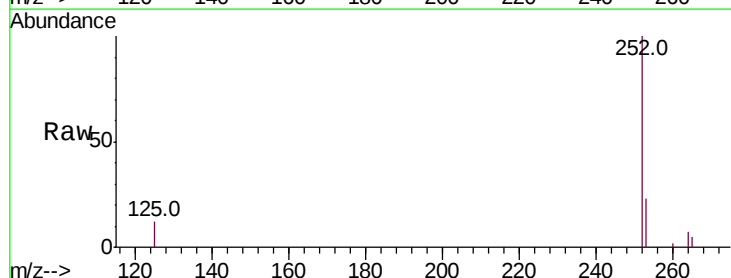
Tgt Ion:252 Resp: 44809

Ion Ratio Lower Upper

252 100

253 23.0 26.5 39.7#

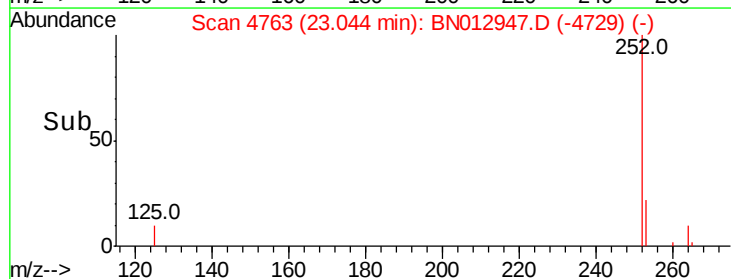
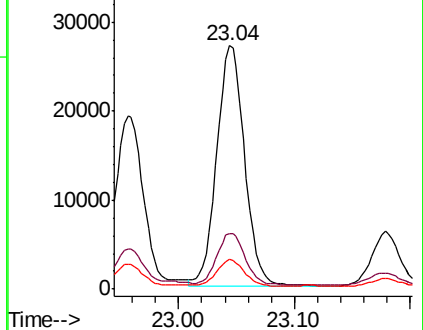
125 12.1 14.2 21.2#

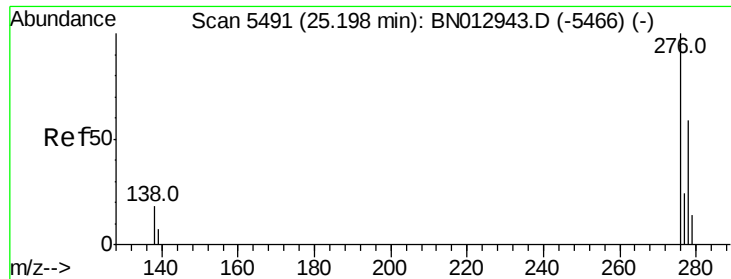


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.105 ng/ul

RT: 25.19 min Scan# 5489

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

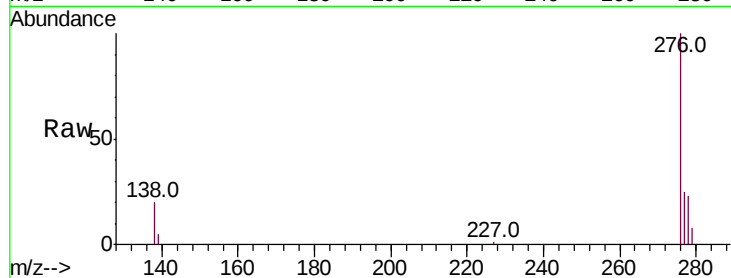
Tot Ion:276 Resp: 25608

Ion Ratio Lower Upper

276 100

138 19.1 16.2 24.2

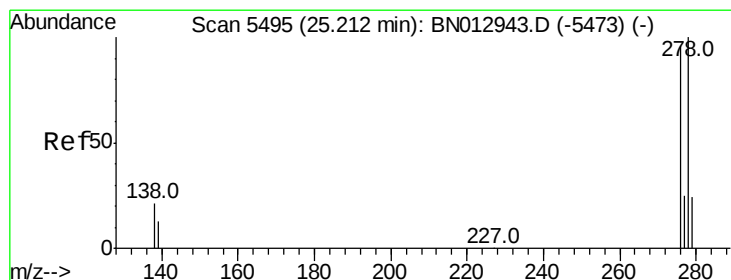
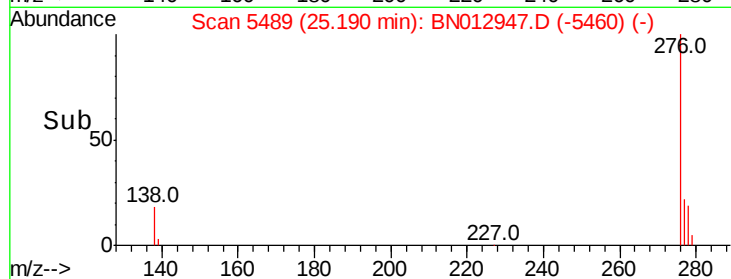
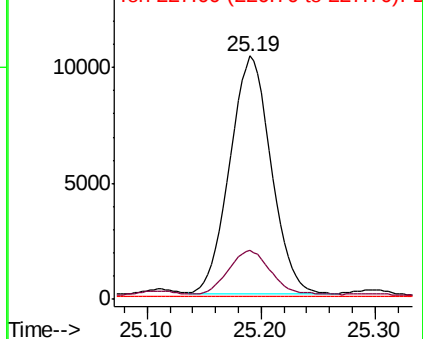
227 0.2 0.0 0.0#



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: 0.394 ng/ul

RT: 25.20 min Scan# 5491

Delta R.T. -0.01 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

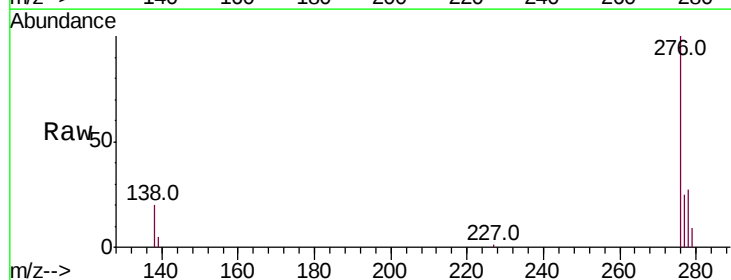
Tgt Ion:278 Resp: 7232

Ion Ratio Lower Upper

278 100

139 20.3 14.5 21.7

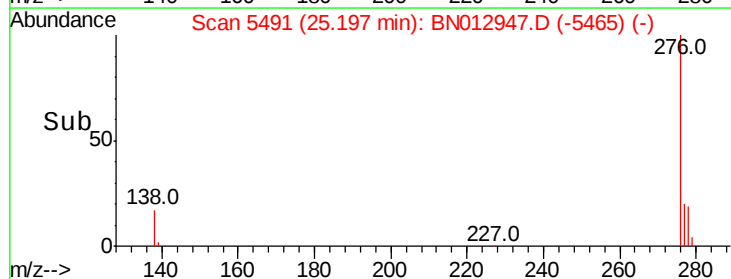
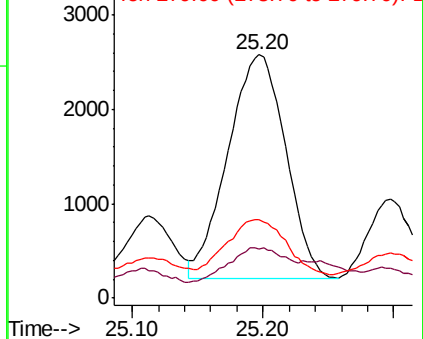
279 32.3 26.3 39.5

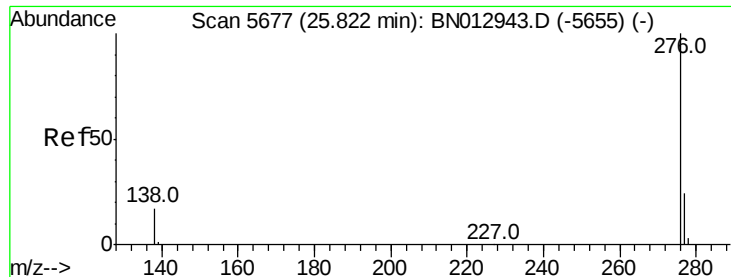


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.042 ng/ul

RT: 25.82 min Scan# 5676

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

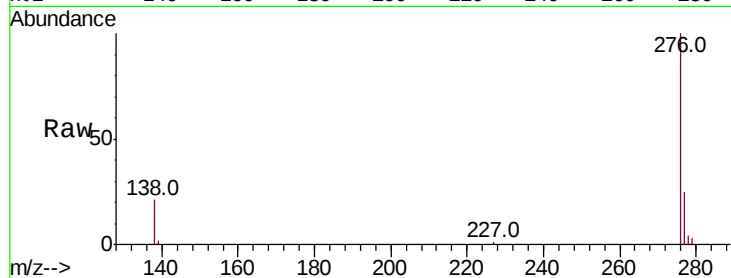
Tot Ion:276 Resp: 21854

Ion Ratio Lower Upper

276 100

138 20.6 16.3 24.5

277 25.1 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

