

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012677.D
 Acq On : 21 Nov 2020 09:25
 Operator : CG/JU
 Sample : L4710-14DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B40DL

Quant Time: Nov 23 01:00:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 18:13:27 2020
 Response via : Initial Calibration

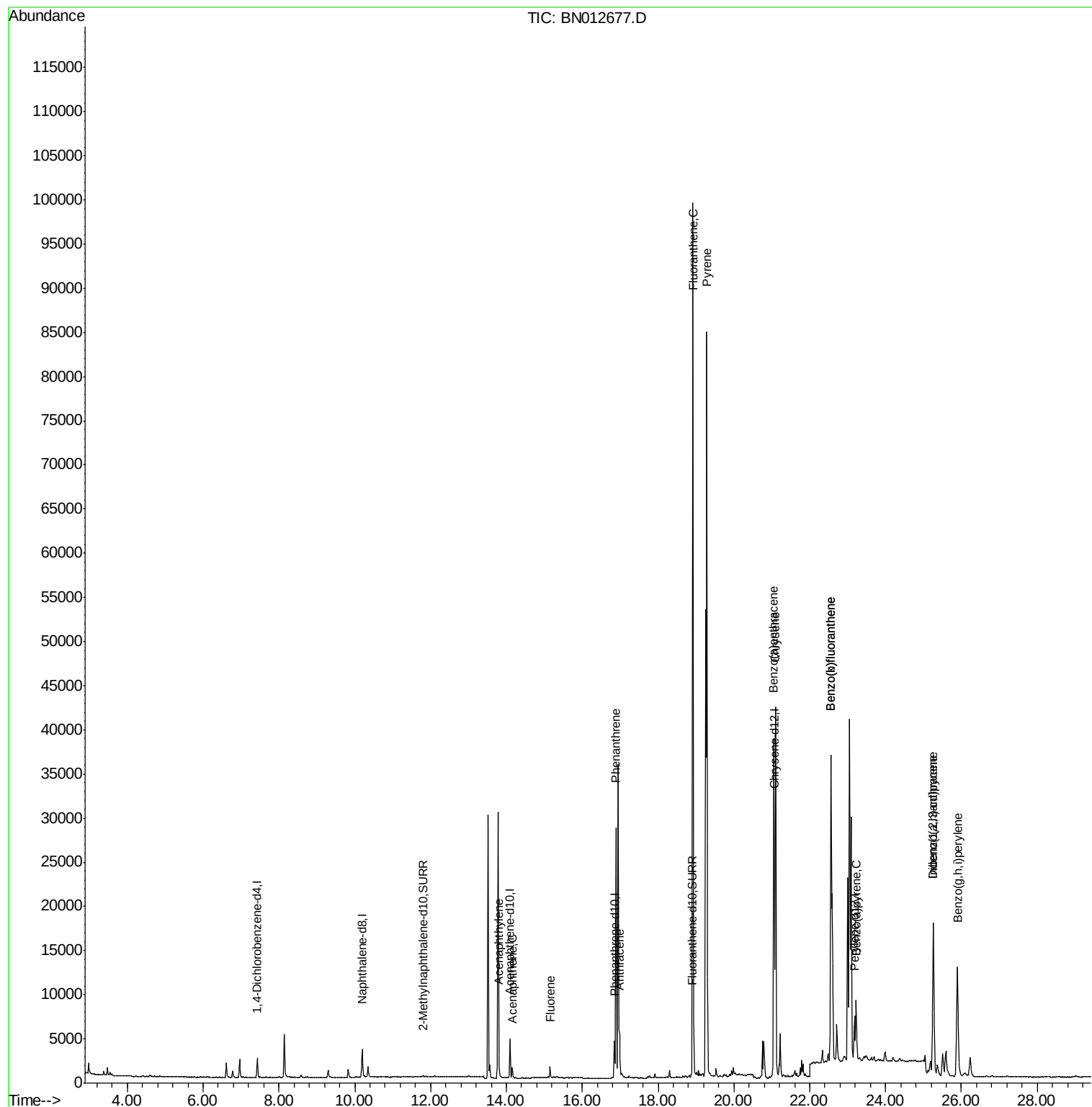
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1051	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.20	136	4397	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.09	164	2298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5132	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	7280	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	246	0.04	ng/ul	-0.02
14) Fluoranthene-d10	18.89	212	548	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	323	0.029	ng/ul#	65
8) Acenaphthene	14.15	153	693	0.073	ng/ul	95
9) Fluorene	15.15	166	833	0.080	ng/ul#	96
12) Phenanthrene	16.89	178	29239	1.637	ng/ul	97
13) Anthracene	16.98	178	3986	0.257	ng/ul	99
15) Fluoranthene	18.92	202	84608	4.104	ng/ul	100
17) Pyrene	19.28	202	70804	2.174	ng/ul	98
18) Benzo(a)anthracene	21.05	228	31812	1.219	ng/ul	99
19) Chrysene	21.10	228	40923	1.256	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	74308	2.887	ng/ul	90
22) Benzo(k)fluoranthene	22.56	252	74308	2.503	ng/ul	91
23) Benzo(a)pyrene	23.22	252	4751	0.196	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.26	276	25780	0.814	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.26	278	5722	0.225	ng/ul	97
26) Benzo(g,h,i)perylene	25.90	276	24492	0.859	ng/ul	96

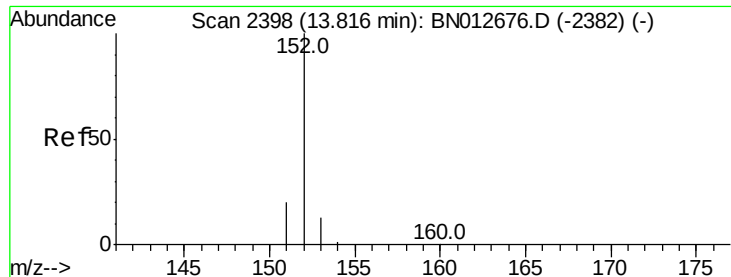
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 18:13:27 2020
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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.81 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

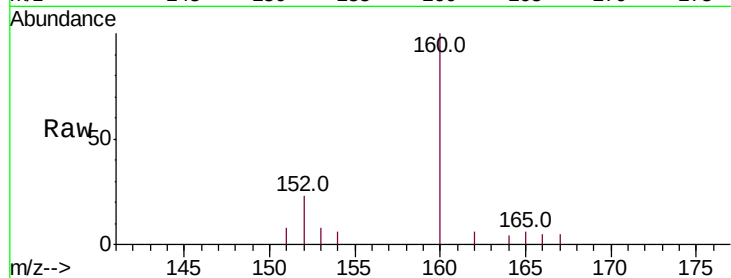
Tot Ion:152 Resp: 323

Ion Ratio Lower Upper

152 100

151 35.9 17.1 25.7#

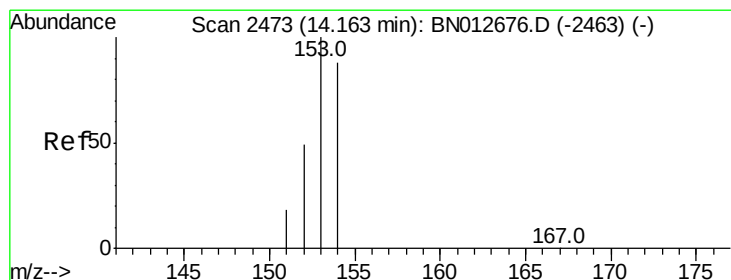
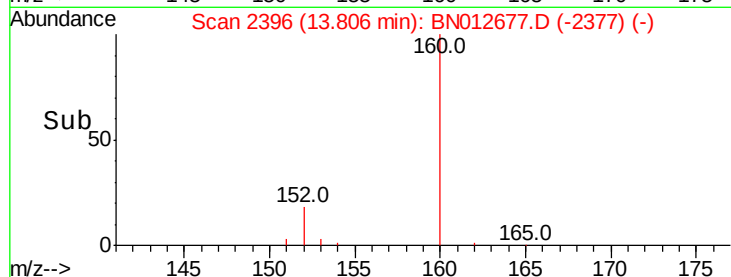
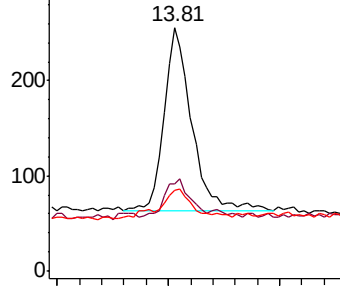
153 33.2 12.6 19.0#



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: 0.073 ng/ul

RT: 14.15 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

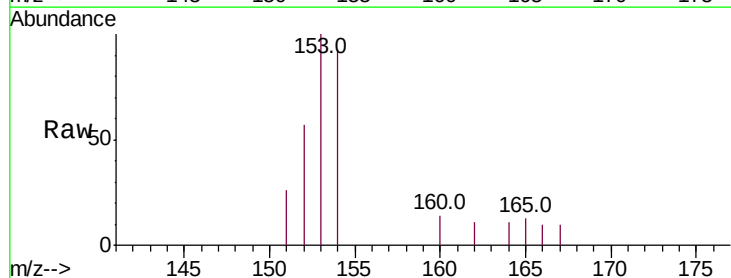
Tgt Ion:153 Resp: 693

Ion Ratio Lower Upper

153 100

152 56.6 41.4 62.0

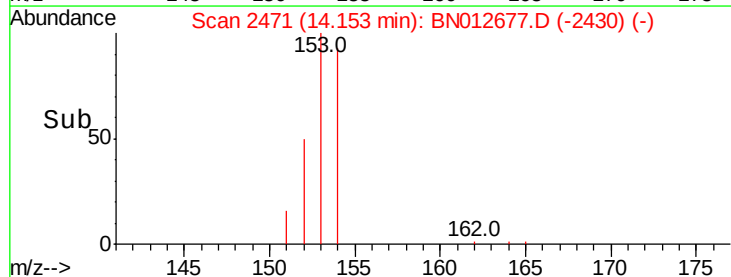
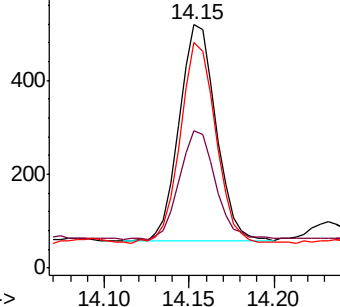
154 92.7 70.9 106.3

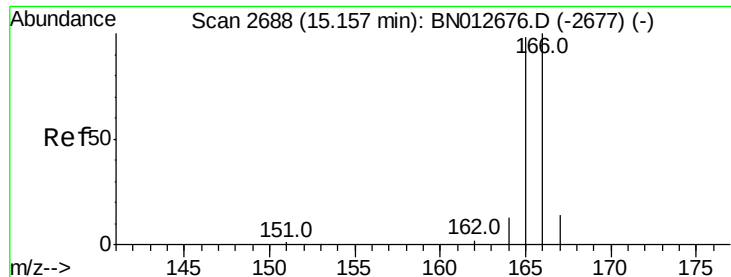


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

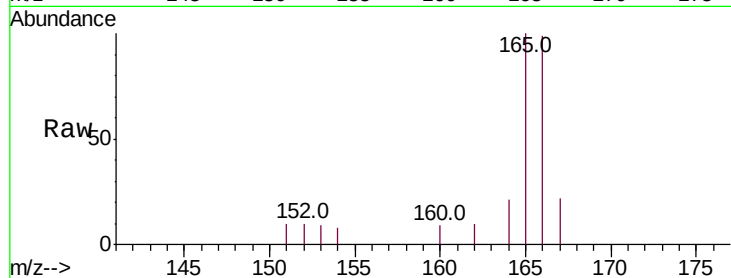
Tot Ion:166 Resp: 833

Ion Ratio Lower Upper

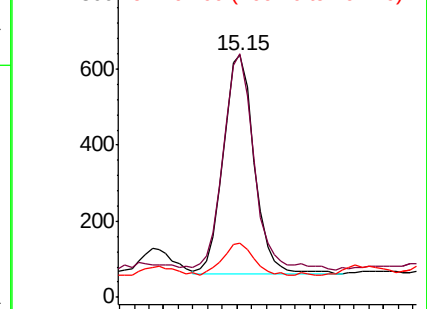
166 100

165 100.6 78.5 117.7

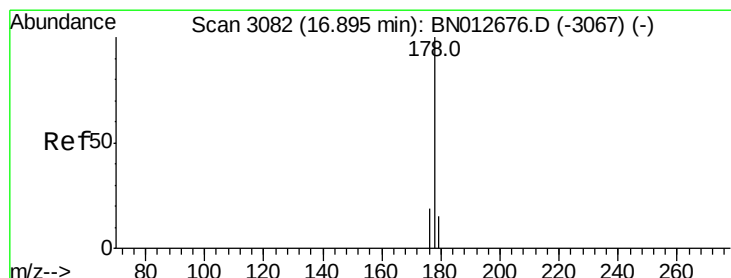
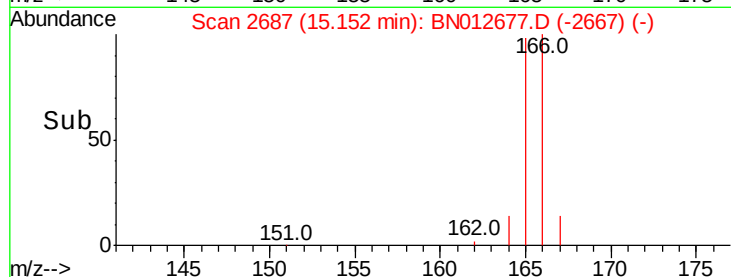
167 22.2 12.7 19.1#



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: 1.637 ng/ul

RT: 16.89 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

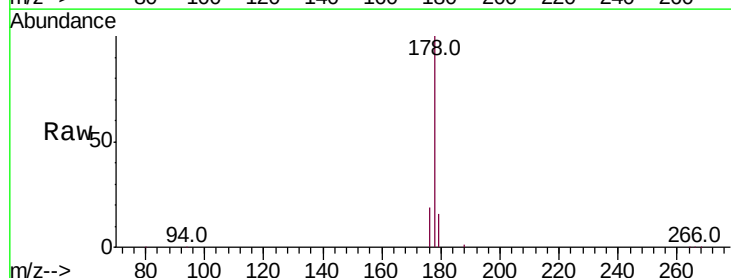
Tgt Ion:178 Resp: 29239

Ion Ratio Lower Upper

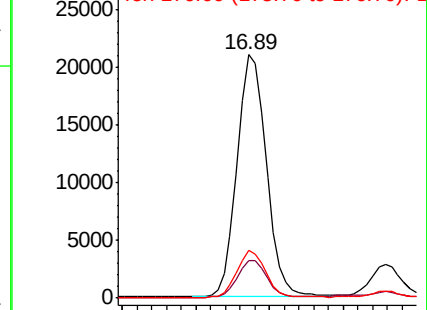
178 100

179 15.6 13.8 20.6

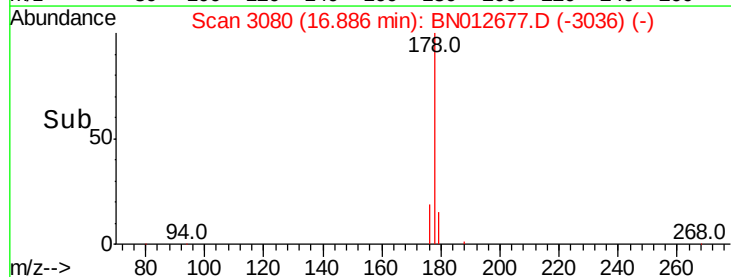
176 19.4 16.7 25.1

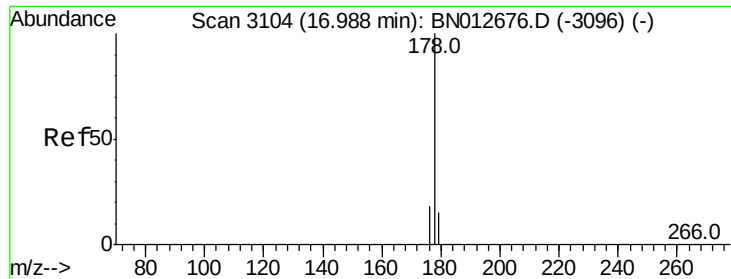


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.257 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

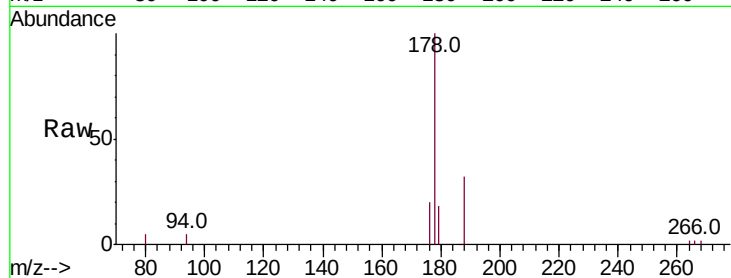
Tot Ion:178 Resp: 3986

Ion Ratio Lower Upper

178 100

179 18.2 14.8 22.2

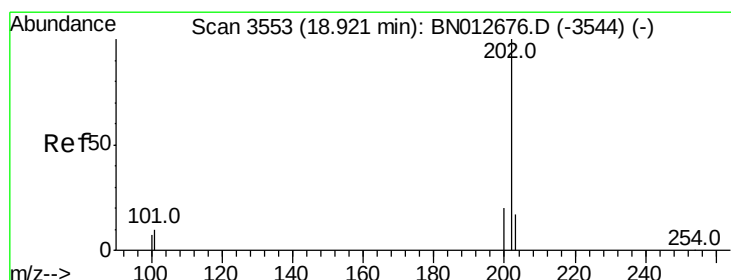
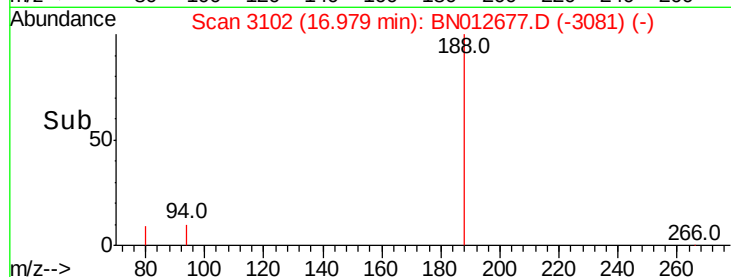
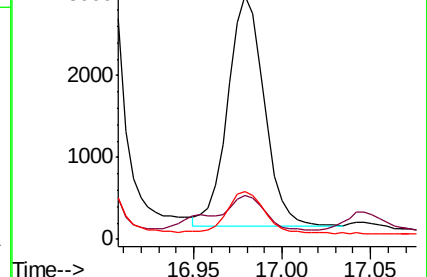
176 19.8 16.3 24.5



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: 4.104 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

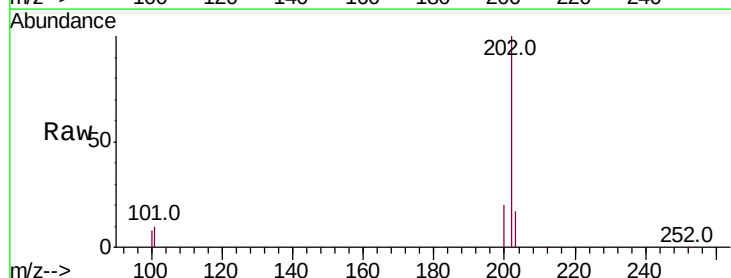
Tgt Ion:202 Resp: 84608

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

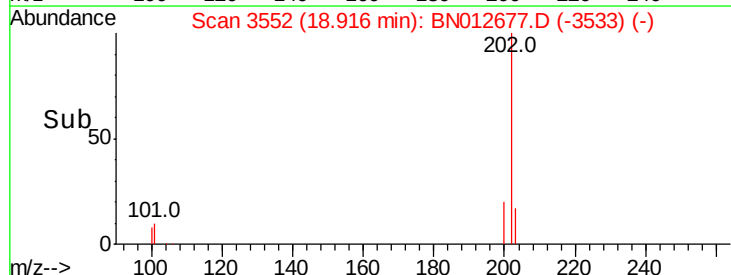
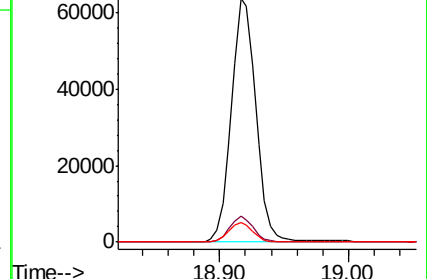
100 8.1 0.0 28.4

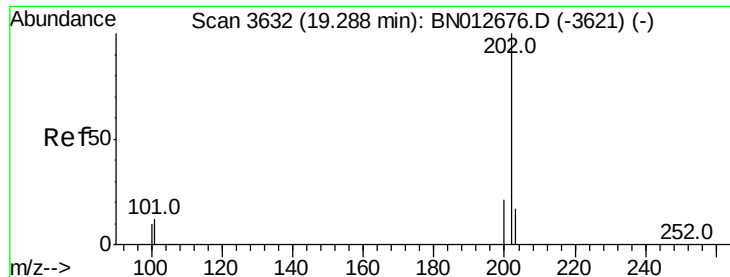


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 2.174 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

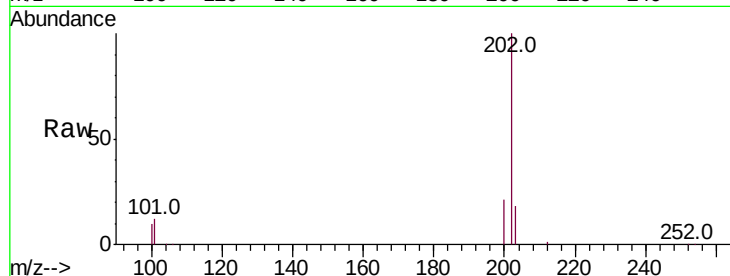
Tot Ion:202 Resp: 70804

Ion Ratio Lower Upper

202 100

101 12.1 8.9 13.3

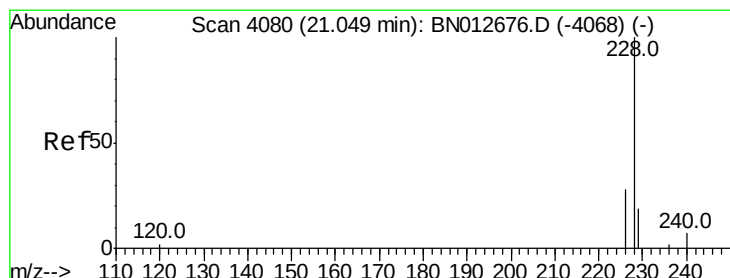
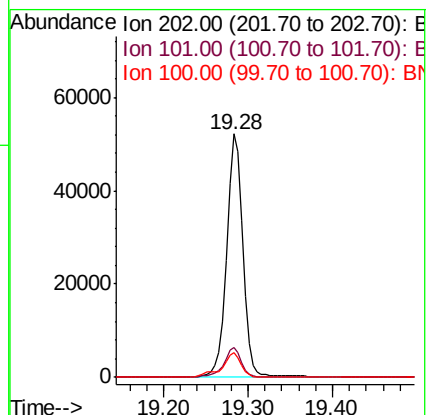
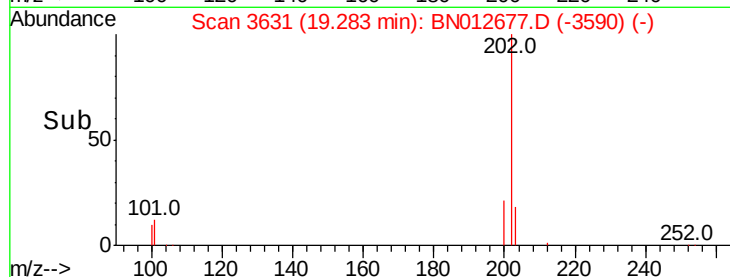
100 9.9 7.4 11.2



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: 1.219 ng/ul

RT: 21.05 min Scan# 4080

Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

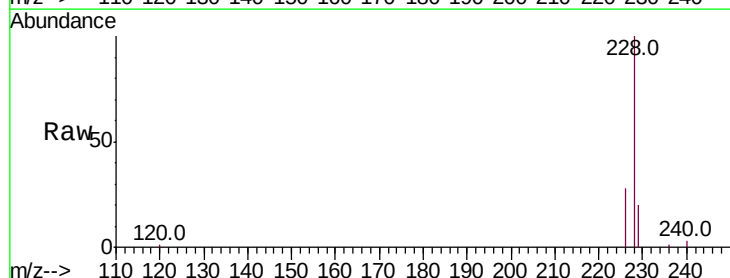
Tgt Ion:228 Resp: 31812

Ion Ratio Lower Upper

228 100

229 20.5 16.9 25.3

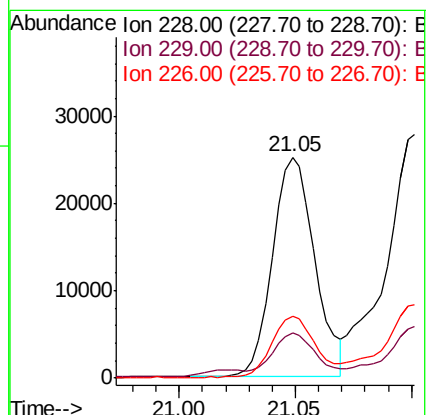
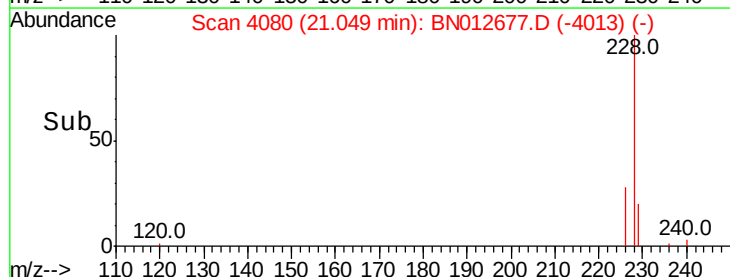
226 28.2 23.1 34.7

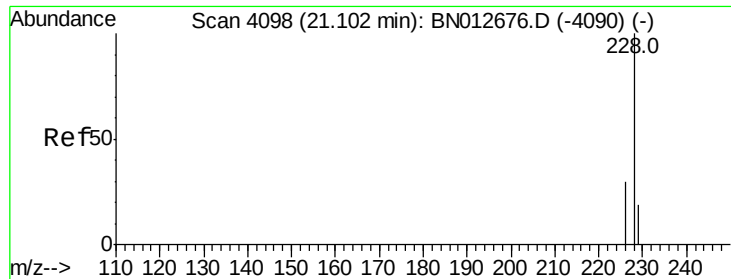


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.256 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

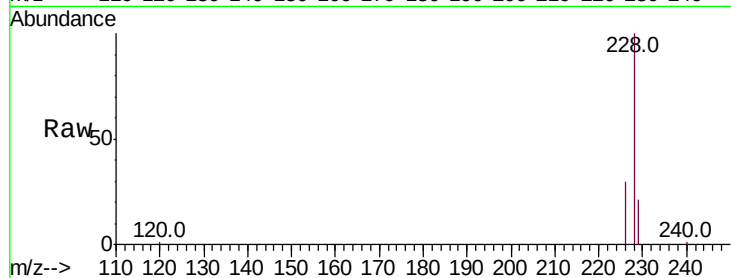
Tot Ion:228 Resp: 40923

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

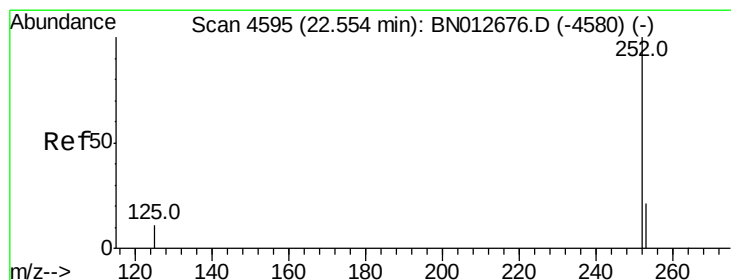
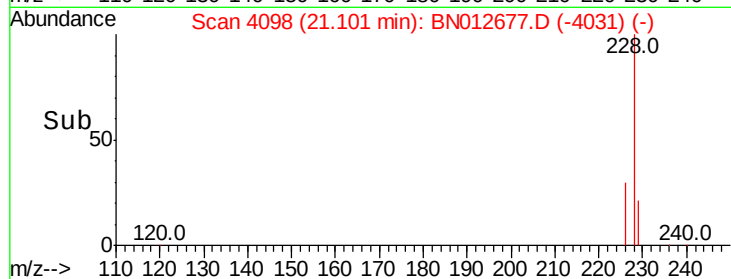
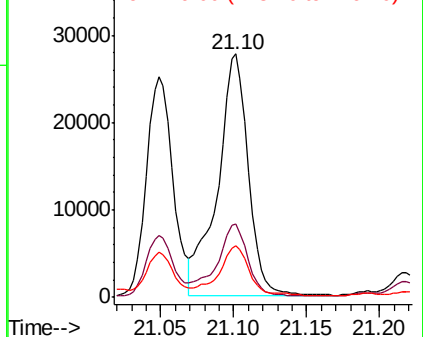
229 21.0 16.1 24.1



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: 2.887 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

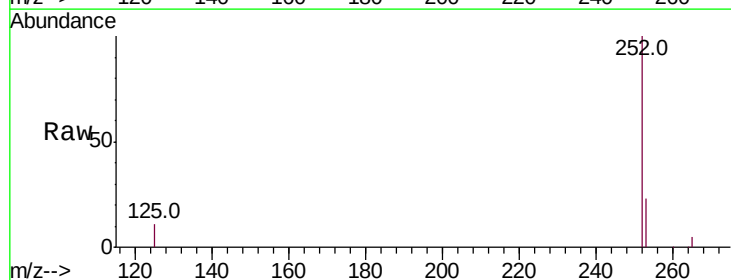
Tgt Ion:252 Resp: 74308

Ion Ratio Lower Upper

252 100

253 23.5 0.0 58.4

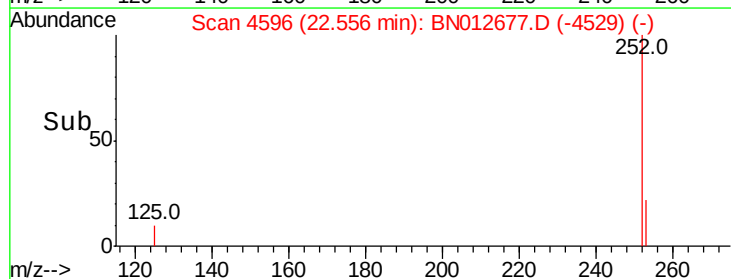
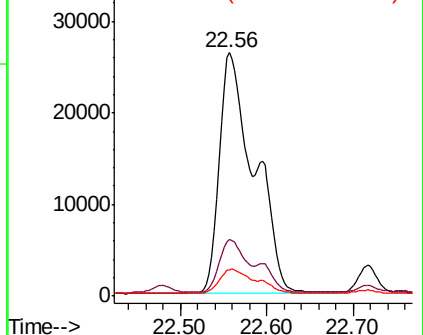
125 10.9 0.0 28.6

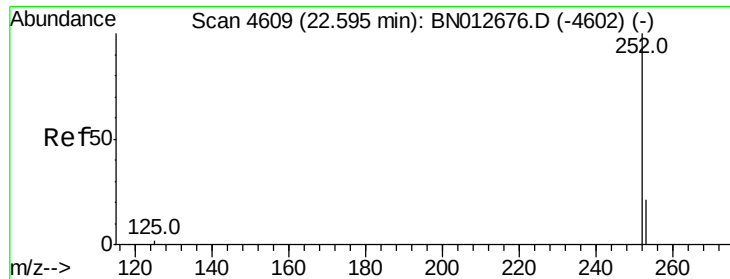


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.503 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.04 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

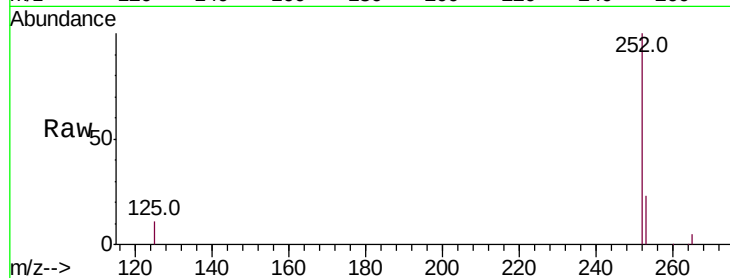
Tot Ion:252 Resp: 74308

Ion Ratio Lower Upper

252 100

253 23.5 23.4 35.2

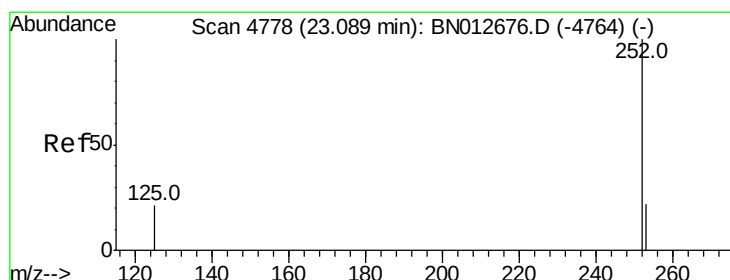
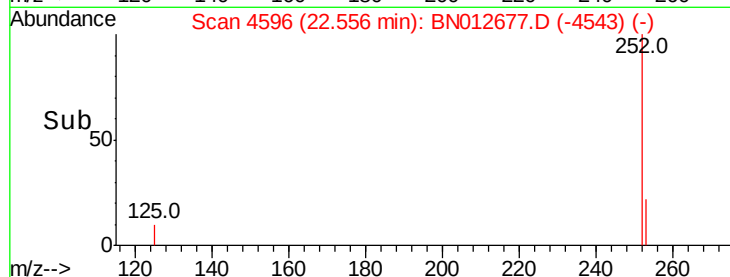
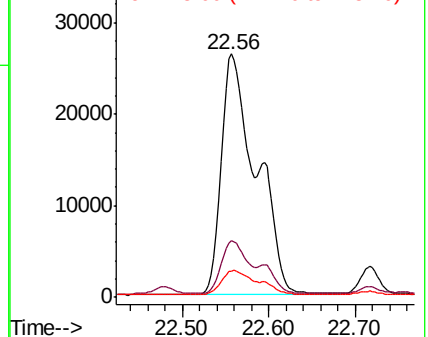
125 10.9 10.2 15.2



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



#23

Benzo(a)pyrene

Concen: 0.196 ng/ul

RT: 23.22 min Scan# 4824

Delta R.T. 0.13 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

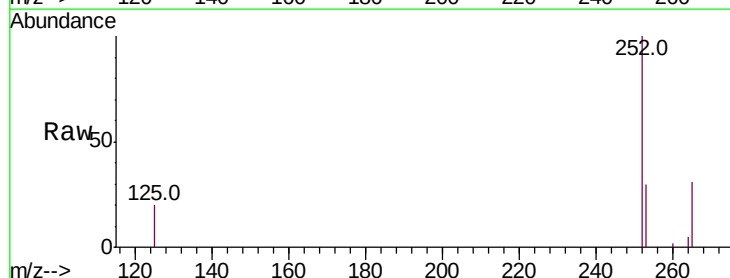
Tgt Ion:252 Resp: 4751

Ion Ratio Lower Upper

252 100

253 30.2 27.6 41.4

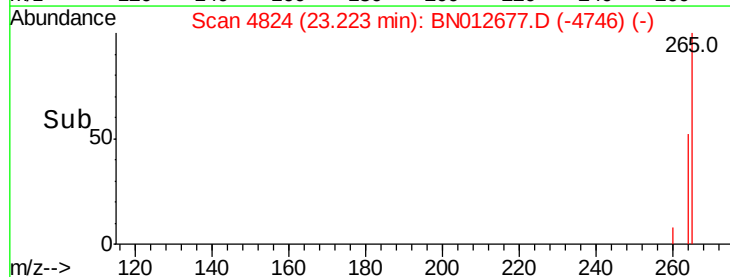
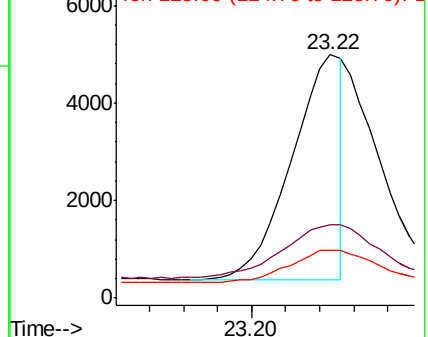
125 19.8 17.0 25.4

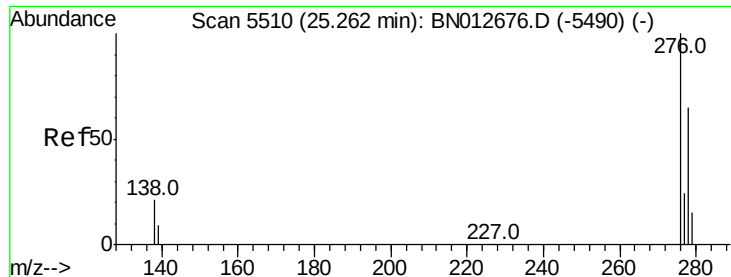


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



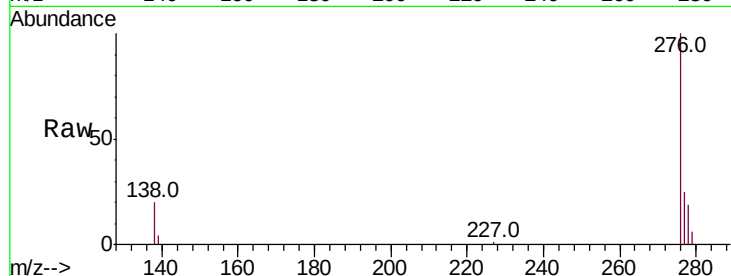


#24

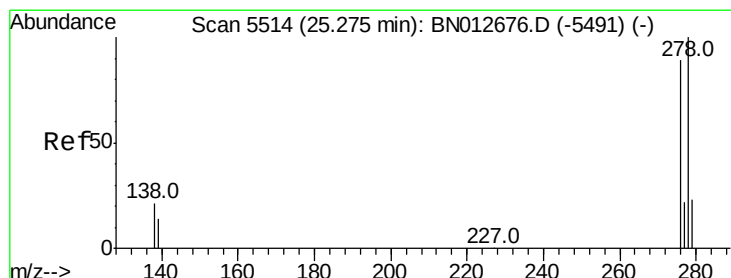
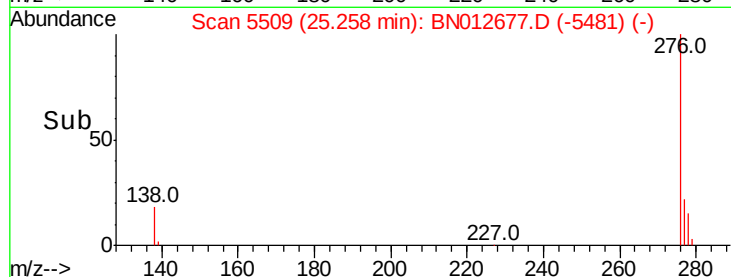
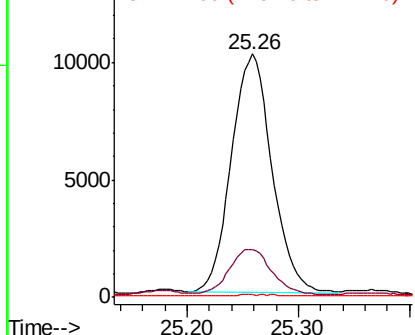
Indeno(1,2,3-cd)pyrene
Concen: 0.814 ng/ul
RT: 25.26 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN012677.D
Acq: 21 Nov 2020 09:25

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Tot Ion:276 Resp: 25780
Ion Ratio Lower Upper
276 100
138 19.4 16.5 24.7
227 0.2 0.1 0.1#



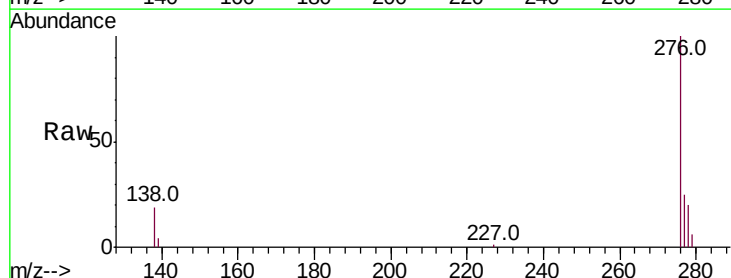
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



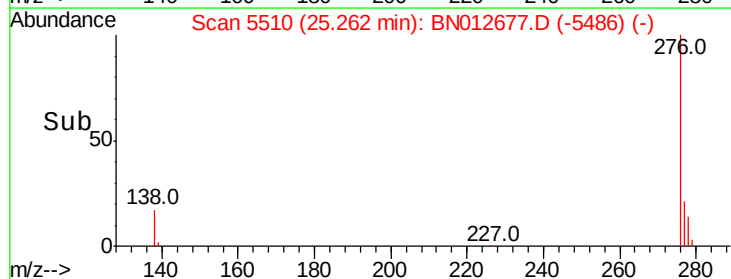
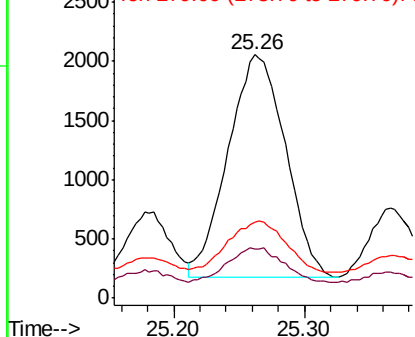
#25

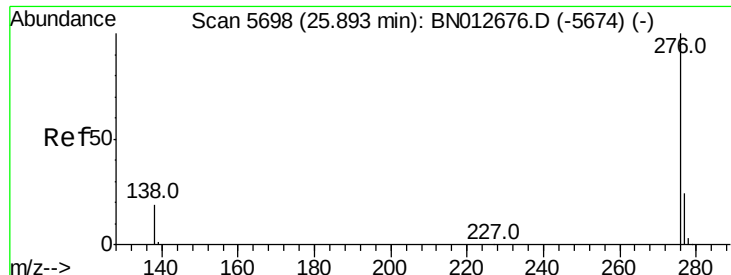
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.02 min
Lab File: BN012677.D
Acq: 21 Nov 2020 09:25

Tgt Ion:278 Resp: 5722
Ion Ratio Lower Upper
278 100
139 19.9 13.8 20.8
279 31.0 25.6 38.4



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: 0.859 ng/ul

RT: 25.90 min Scan# 5699

Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

ClientSampleId :

C0B40DL

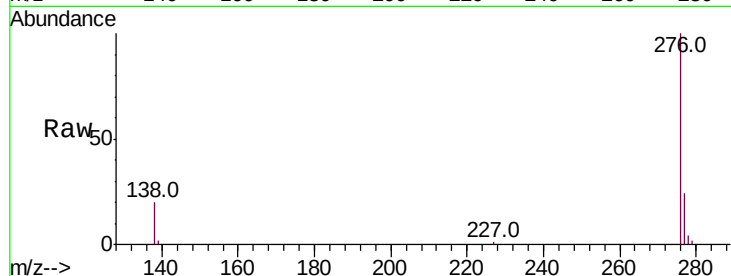
Tot Ion:276 Resp: 24492

Ion Ratio Lower Upper

276 100

138 20.2 16.3 24.5

277 24.2 21.8 32.8



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

