

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012922.D
 Acq On : 06 Dec 2020 17:53
 Operator : CG/JU
 Sample : L4864-22
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B68

Quant Time: Dec 07 03:09:19 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

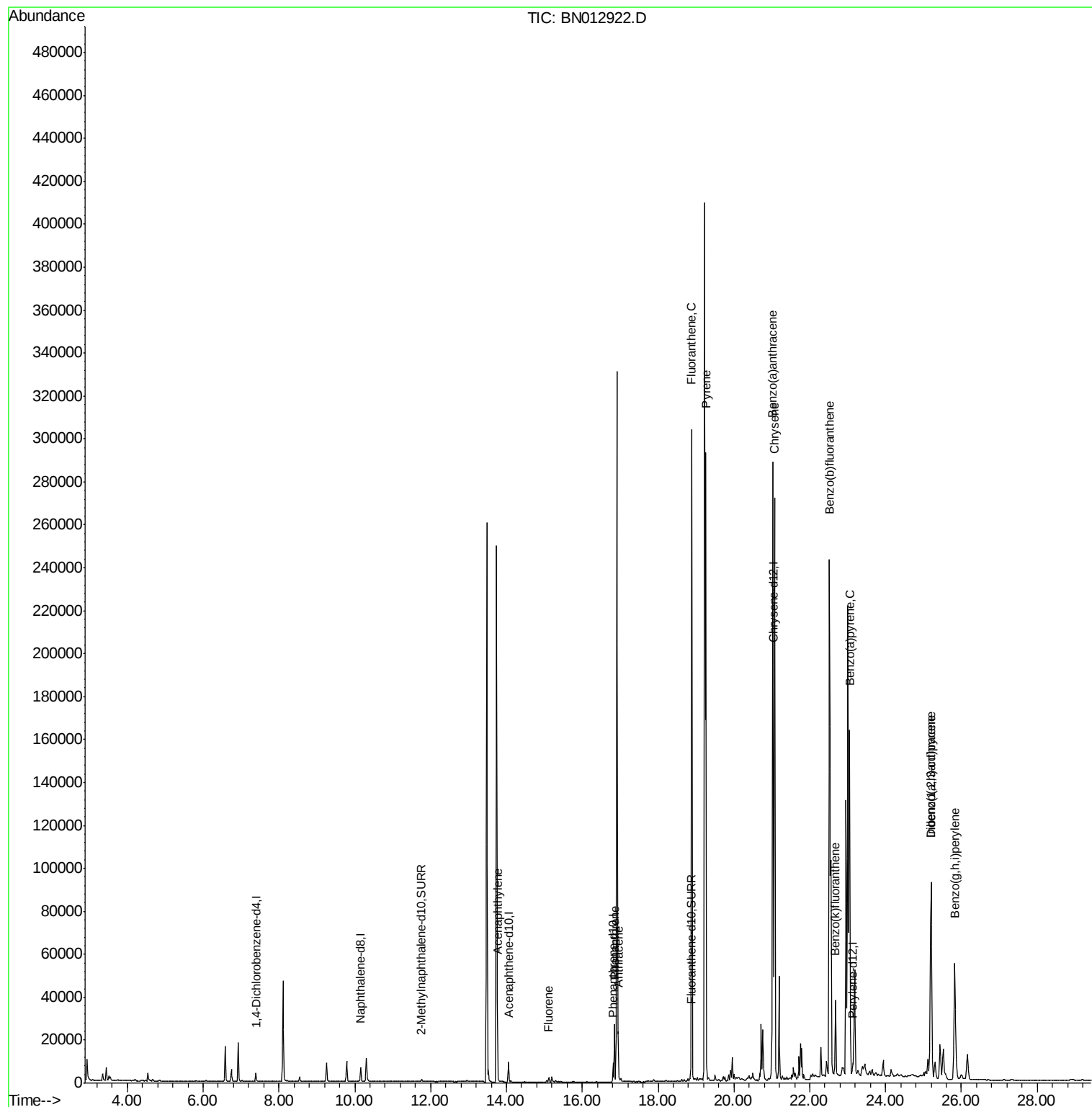
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2097	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	8673	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4795	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	10183	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	7614	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6274	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1605	0.12	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	3670	0.13	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.77	152	605	0.027	ng/ul#	79
9) Fluorene	15.12	166	1366	0.064	ng/ul	99
12) Phenanthrene	16.85	178	27045	0.792	ng/ul	97
13) Anthracene	16.95	178	19920	0.686	ng/ul	94
15) Fluoranthene	18.88	202	248972	6.137	ng/ul	99
17) Pyrene	19.26	202	241268	6.709	ng/ul	100
18) Benzo(a)anthracene	21.02	228	234588	7.447	ng/ul	98
19) Chrysene	21.07	228	259145	7.445	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	452585	15.593	ng/ul	88
22) Benzo(k)fluoranthene	22.68	252	40114	1.250	ng/ul	96
23) Benzo(a)pyrene	23.05	252	194981	7.240	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.20	276	129961	3.674	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	33774	1.207	ng/ul	92
26) Benzo(g,h,i)perylene	25.83	276	102850	3.214	ng/ul	96

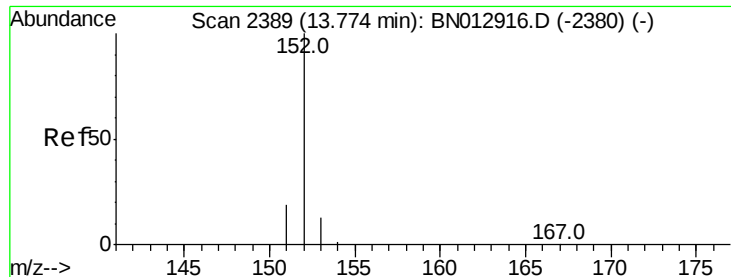
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
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#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

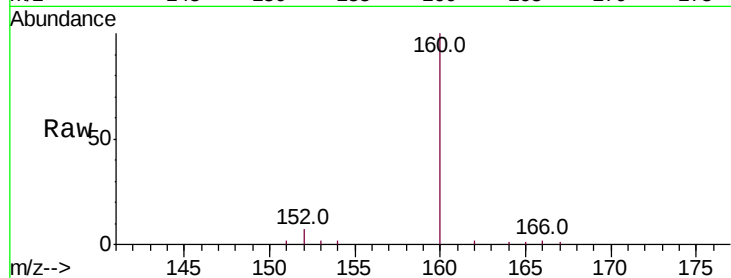
Tot Ion:152 Resp: 605

Ion Ratio Lower Upper

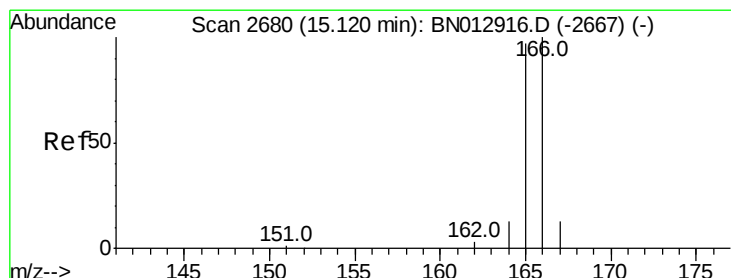
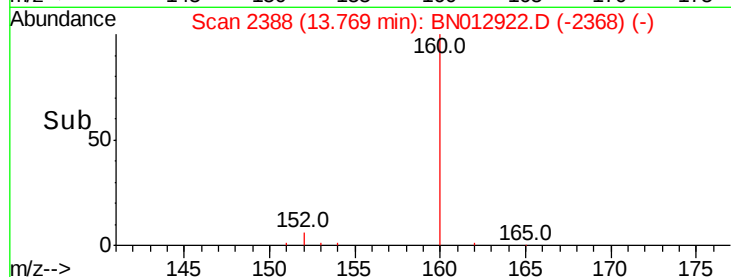
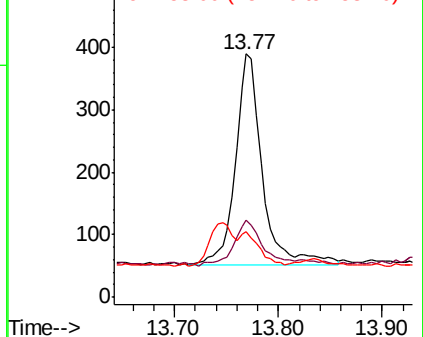
152 100

151 31.8 18.2 27.4#

153 26.7 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



#9

Fluorene

Concen: 0.064 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

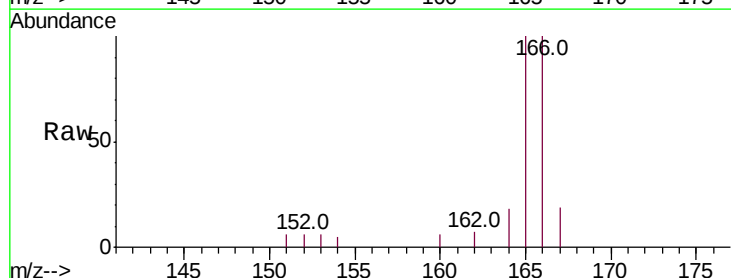
Tgt Ion:166 Resp: 1366

Ion Ratio Lower Upper

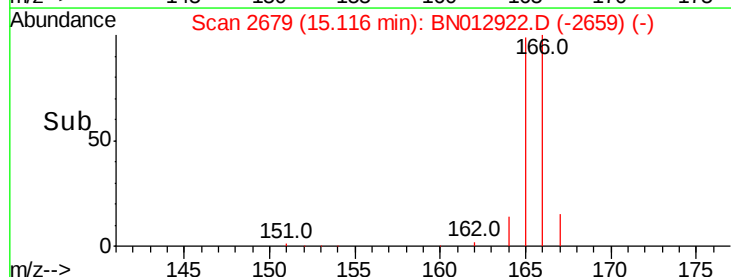
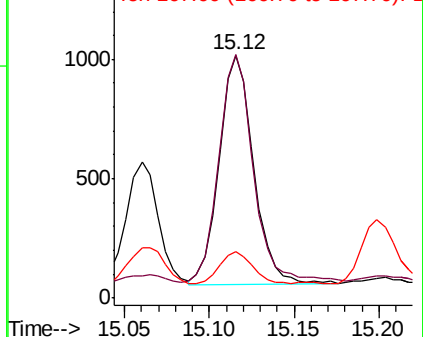
166 100

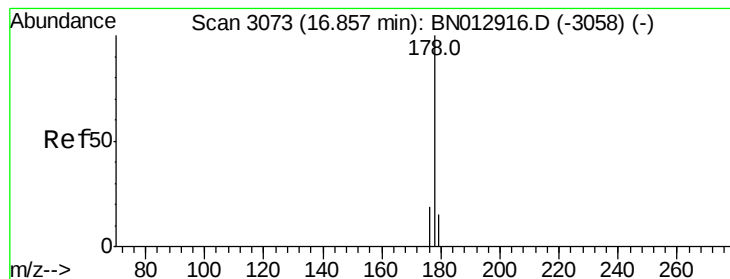
165 100.3 79.8 119.8

167 19.4 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: 0.792 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

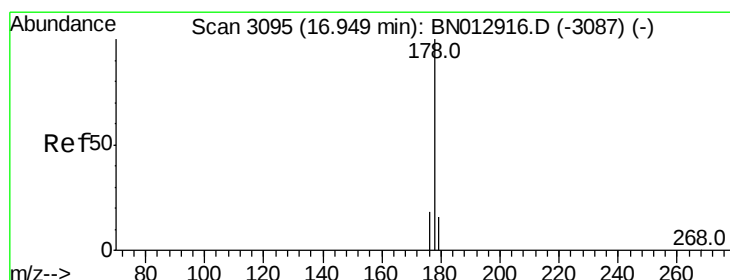
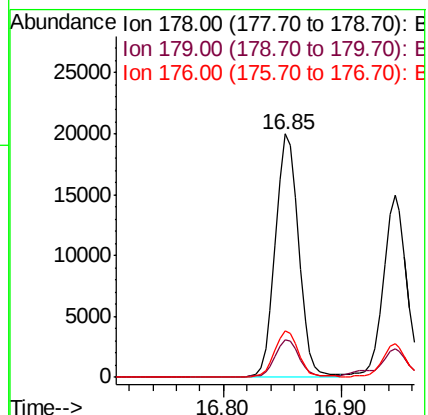
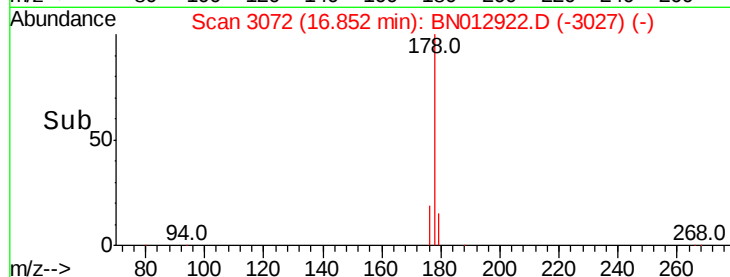
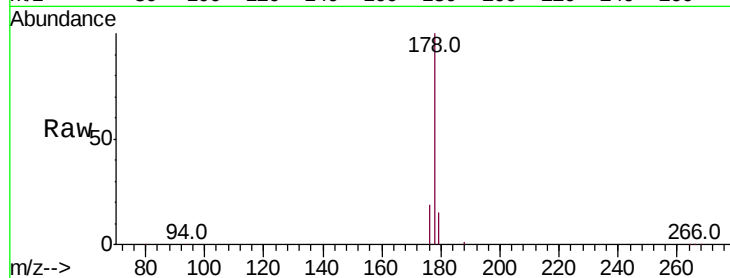
Tot Ion:178 Resp: 27045

Ion Ratio Lower Upper

178 100

179 15.4 13.6 20.4

176 19.2 16.4 24.6



#13

Anthracene

Concen: 0.686 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

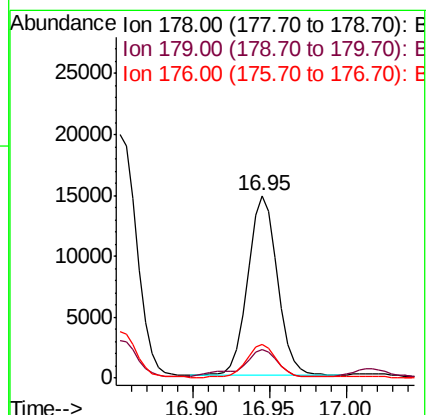
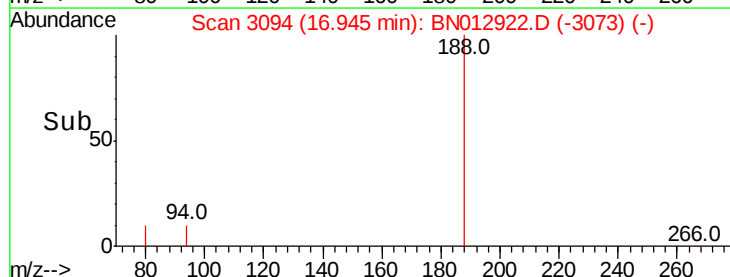
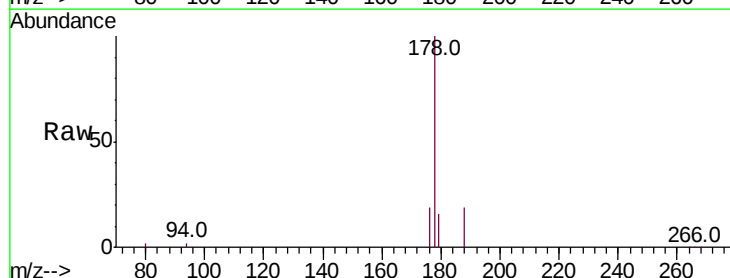
Tgt Ion:178 Resp: 19920

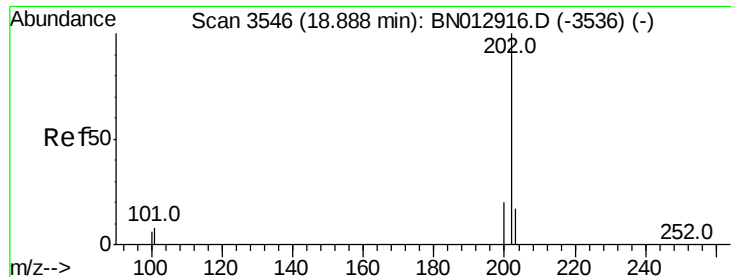
Ion Ratio Lower Upper

178 100

179 15.7 14.6 21.8

176 18.7 17.1 25.7





#15

Fluoranthene

Concen: 6.137 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

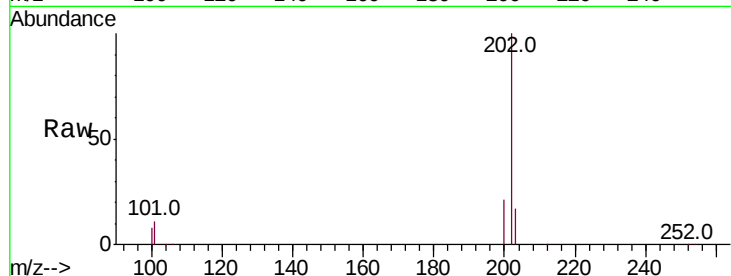
Tot Ion:202 Resp: 248972

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.6

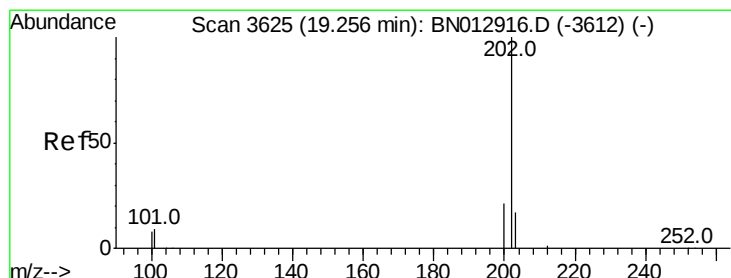
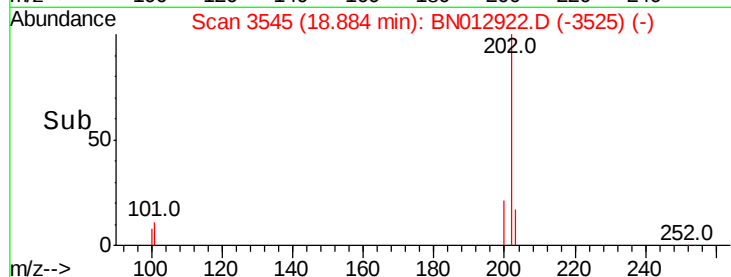
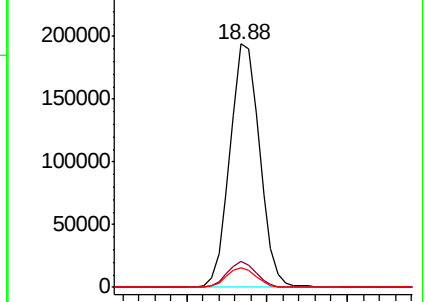
100 8.3 0.0 28.7



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

Pyrene

Concen: 6.709 ng/ul

RT: 19.26 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

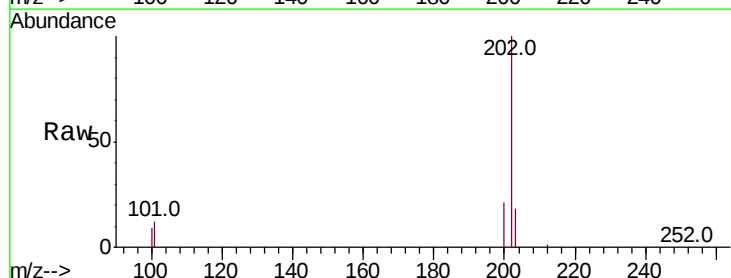
Tgt Ion:202 Resp: 241268

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

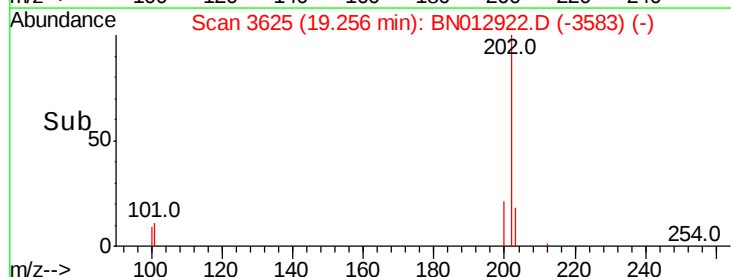
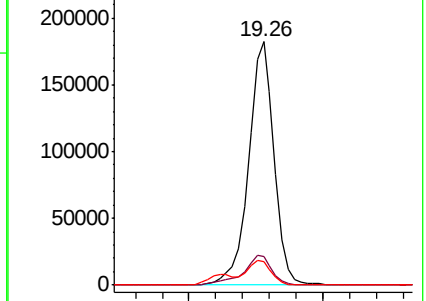
100 9.5 7.5 11.3

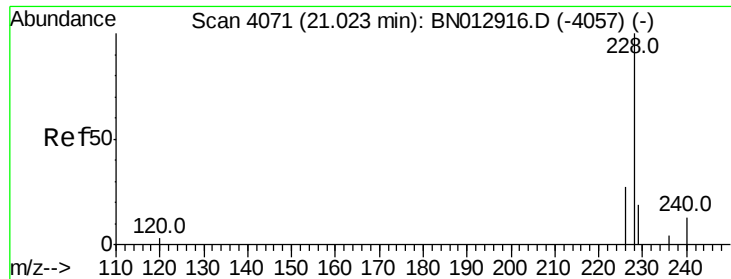


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 7.447 ng/ul

RT: 21.02 min Scan# 4070

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

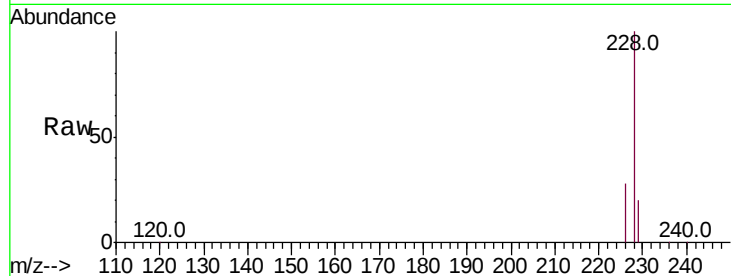
Tot Ion:228 Resp: 234588

Ion Ratio Lower Upper

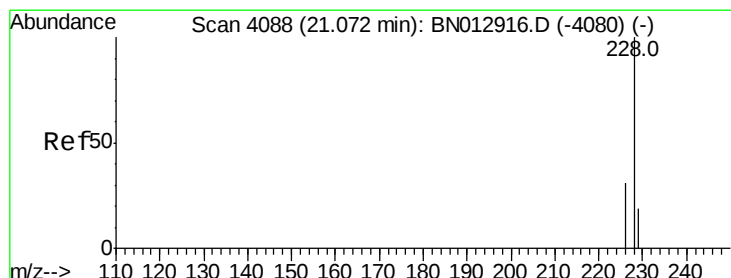
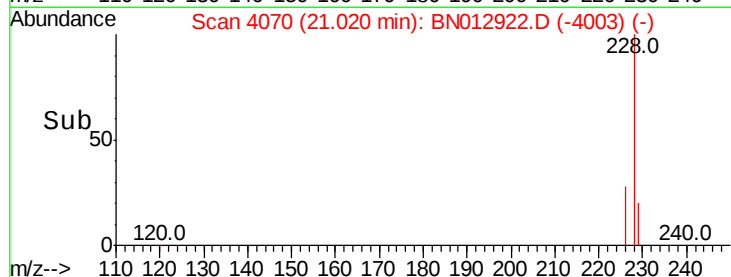
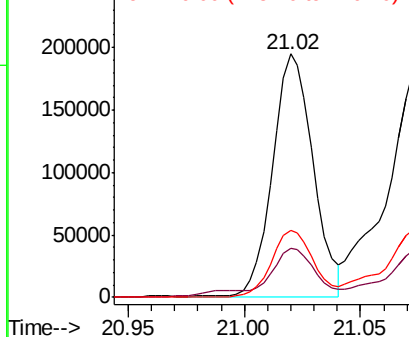
228 100

229 20.0 16.3 24.5

226 27.7 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: 7.445 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

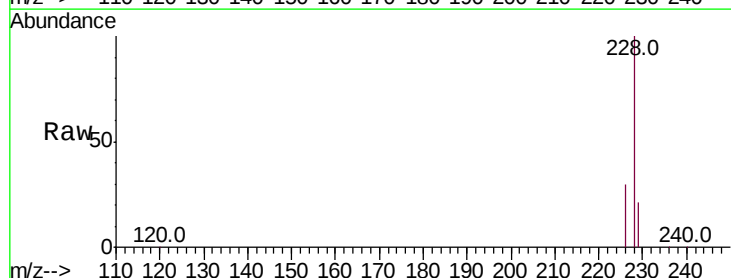
Tgt Ion:228 Resp: 259145

Ion Ratio Lower Upper

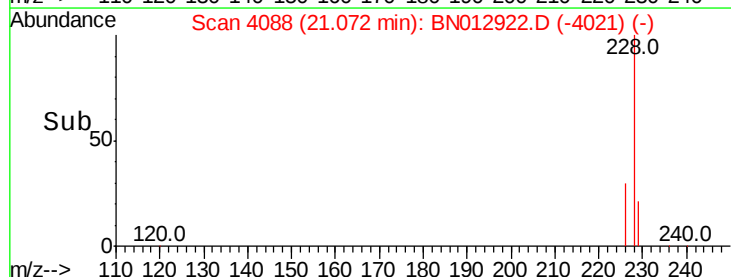
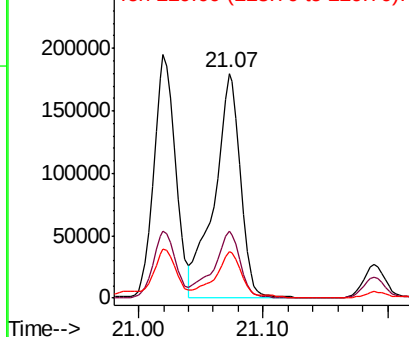
228 100

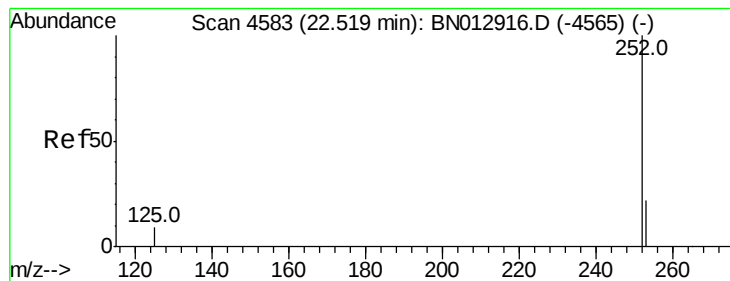
226 30.0 25.0 37.6

229 20.9 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: 15.593 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

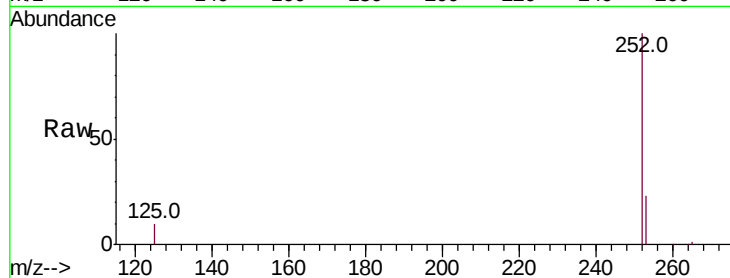
Tot Ion:252 Resp: 452585

Ion Ratio Lower Upper

252 100

253 22.5 0.0 59.6

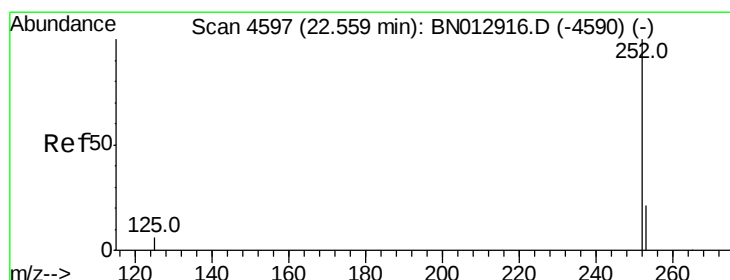
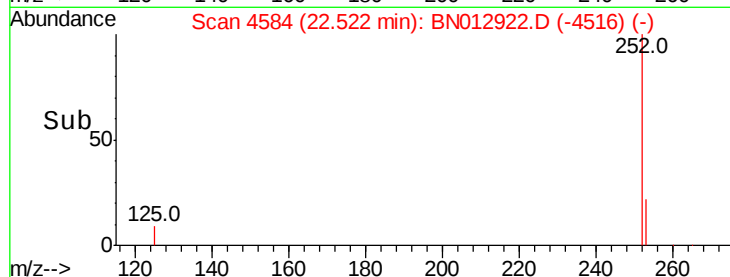
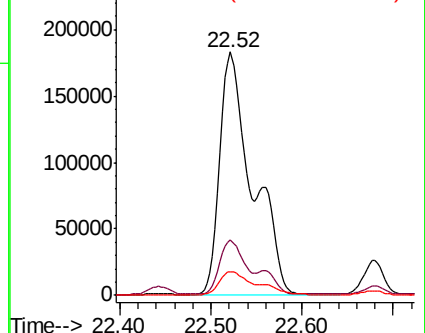
125 9.7 0.0 26.0



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: 1.250 ng/ul

RT: 22.68 min Scan# 4638

Delta R.T. 0.12 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

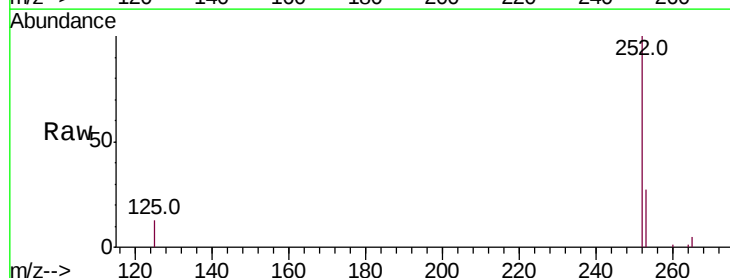
Tgt Ion:252 Resp: 40114

Ion Ratio Lower Upper

252 100

253 26.6 23.4 35.2

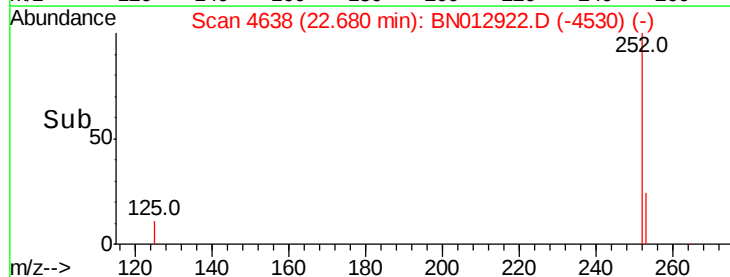
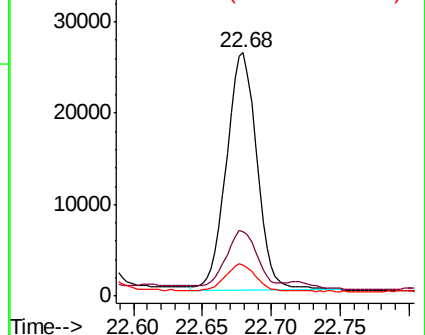
125 12.7 11.1 16.7

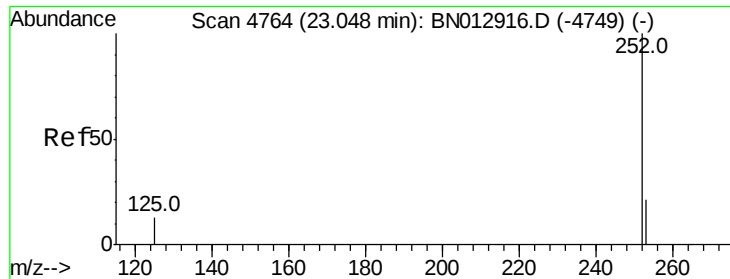


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 7.240 ng/ul

RT: 23.05 min Scan# 4765

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

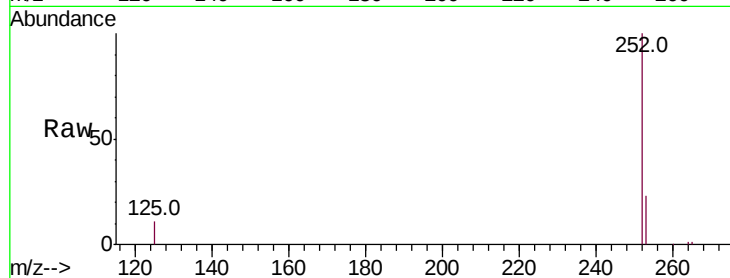
Tot Ion:252 Resp: 194981

Ion Ratio Lower Upper

252 100

253 22.5 26.5 39.7#

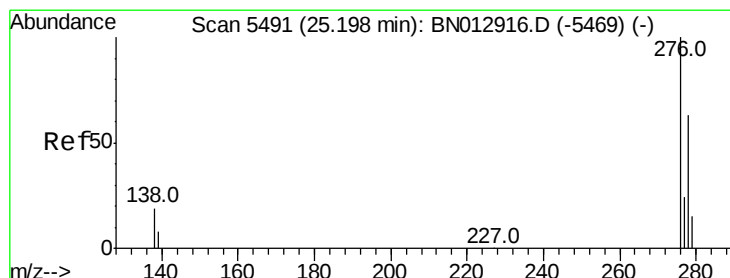
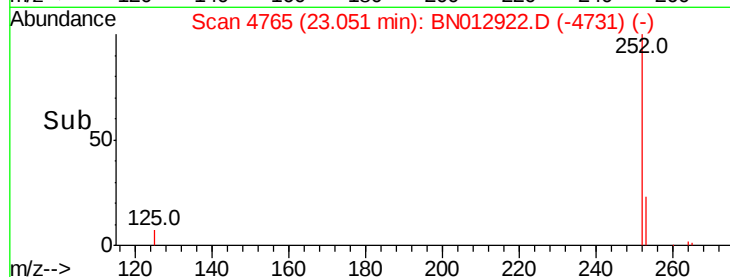
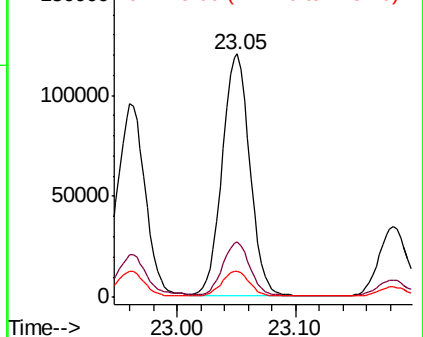
125 10.6 14.2 21.2#



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: 3.674 ng/ul

RT: 25.20 min Scan# 5491

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

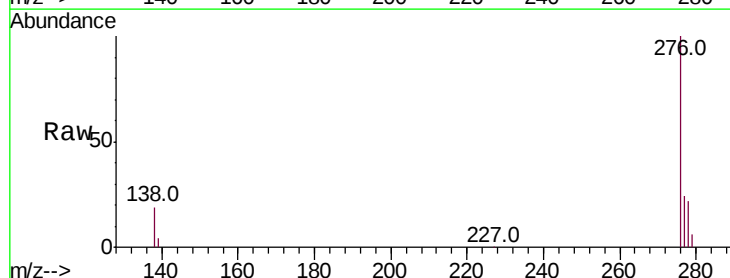
Tgt Ion:276 Resp: 129961

Ion Ratio Lower Upper

276 100

138 19.3 16.2 24.2

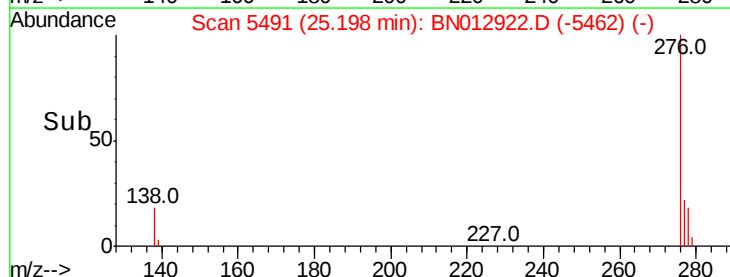
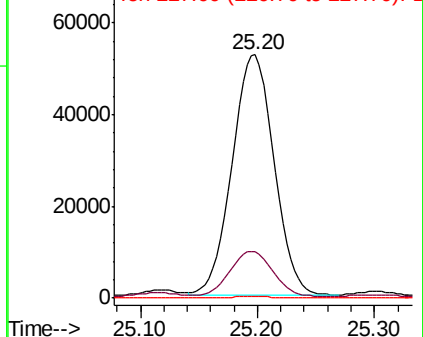
227 0.2 0.0 0.0#

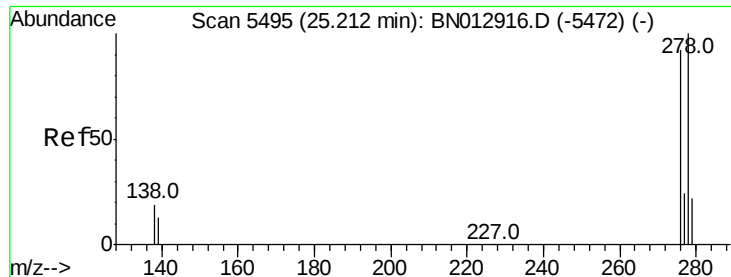


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.207 ng/ul

RT: 25.20 min Scan# 5492

Delta R.T. -0.01 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

Instrument :

BNA_N

ClientSampleId :

C0B68

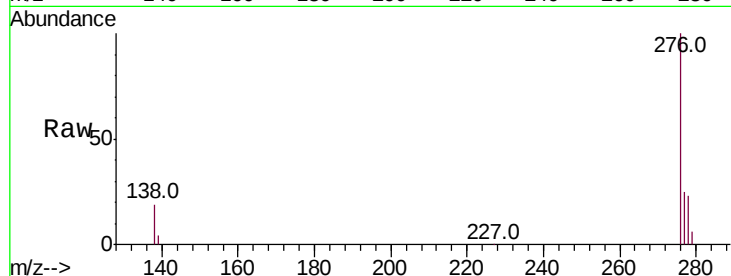
Tot Ion:278 Resp: 33774

Ion Ratio Lower Upper

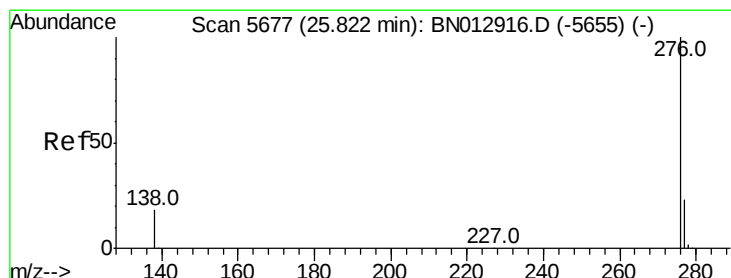
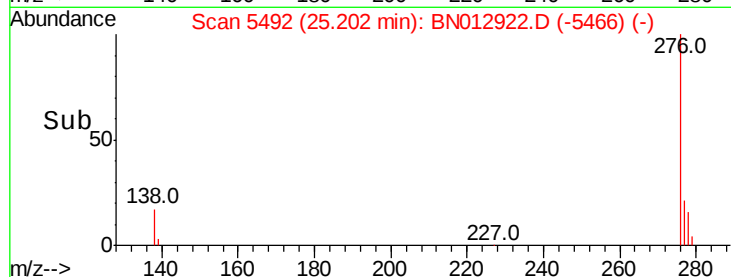
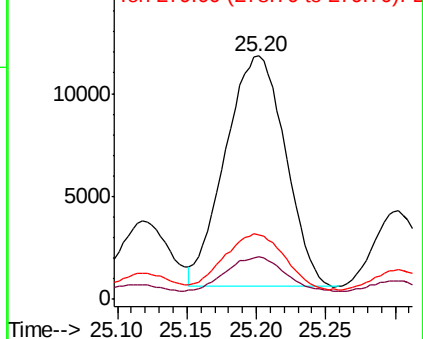
278 100

139 17.4 14.5 21.7

279 26.6 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(g,h,i)perylene

Concen: 3.214 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012922.D

Acq: 06 Dec 2020 17:53

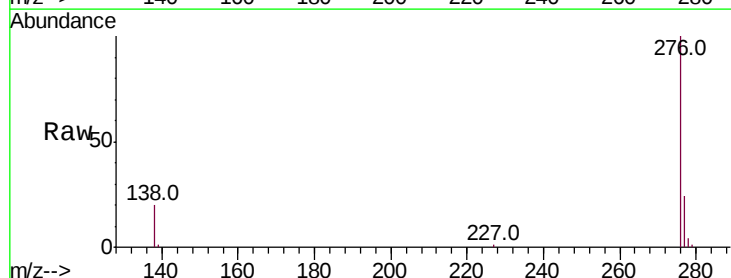
Tgt Ion:276 Resp: 102850

Ion Ratio Lower Upper

276 100

138 19.6 16.3 24.5

277 24.2 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

