

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012929.D
 Acq On : 06 Dec 2020 22:06
 Operator : CG/JU
 Sample : L4864-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B64

Quant Time: Dec 07 03:10:18 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

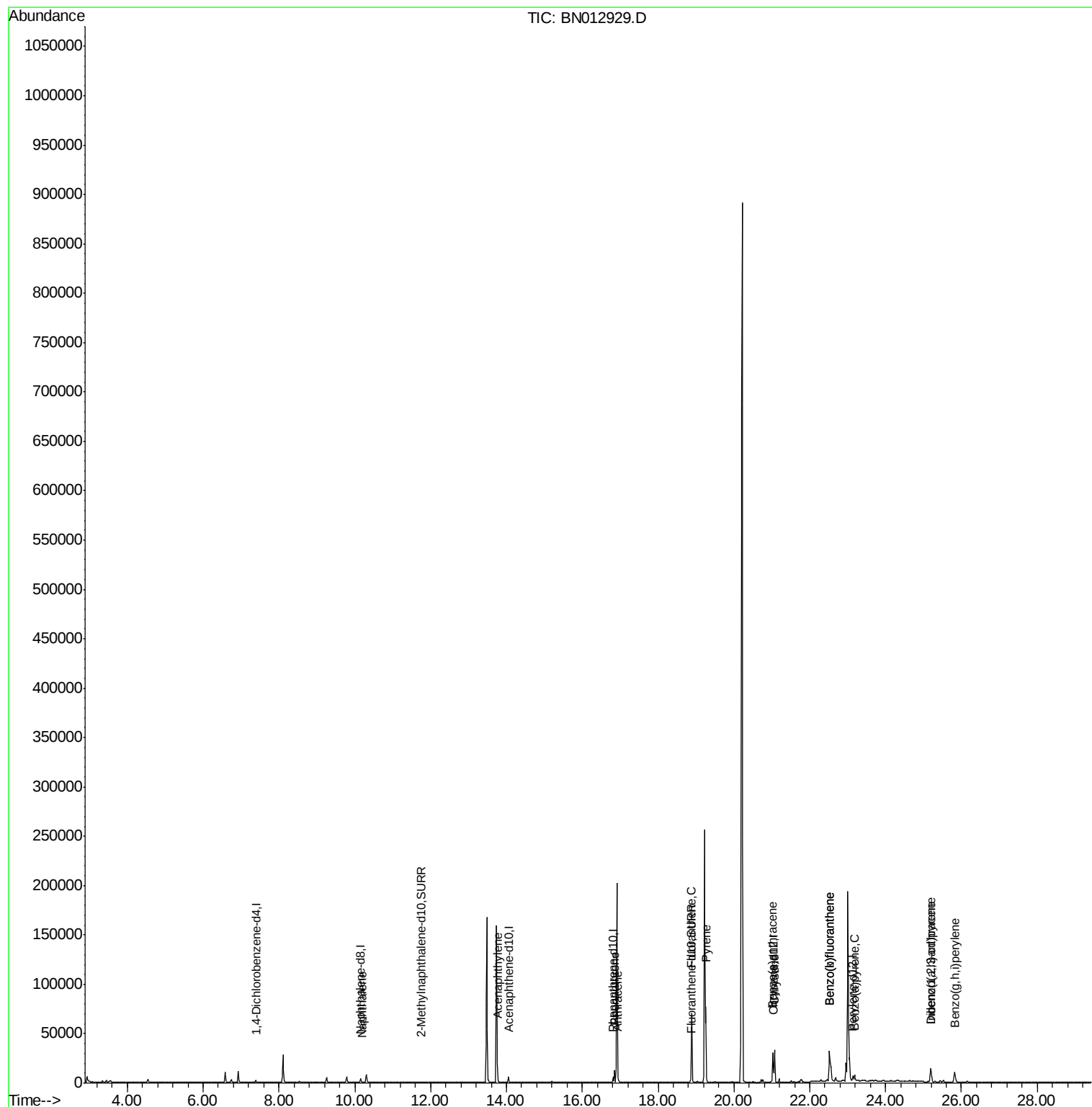
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1248	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5176	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	2928	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6681	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	5722	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	987	0.13	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2361	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	313	0.021	ng/ul#	67
7) Acenaphthylene	13.77	152	500	0.036	ng/ul#	79
12) Phenanthrene	16.85	178	12356	0.552	ng/ul	98
13) Anthracene	16.95	178	1760	0.092	ng/ul	96
15) Fluoranthene	18.88	202	59544	2.237	ng/ul	100
17) Pyrene	19.25	202	54064	2.000	ng/ul	98
18) Benzo(a)anthracene	21.02	228	23668	1.000	ng/ul	99
19) Chrysene	21.07	228	31090	1.189	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	61302	2.420	ng/ul	91
22) Benzo(k)fluoranthene	22.52	252	61302	2.189	ng/ul	91
23) Benzo(a)pyrene	23.18	252	4654	0.198	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.19	276	20548	0.665	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	4209	0.172	ng/ul#	96
26) Benzo(g,h,i)perylene	25.83	276	20151	0.721	ng/ul	97

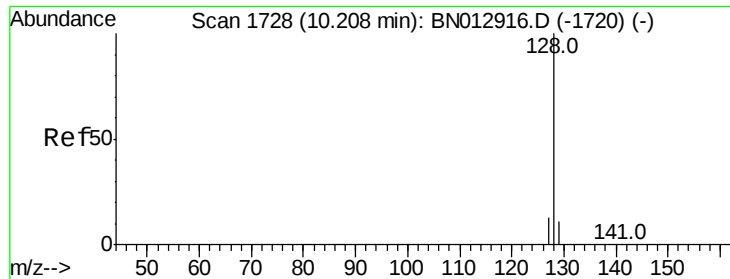
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

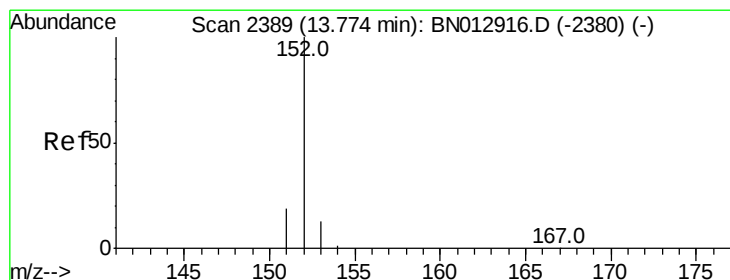
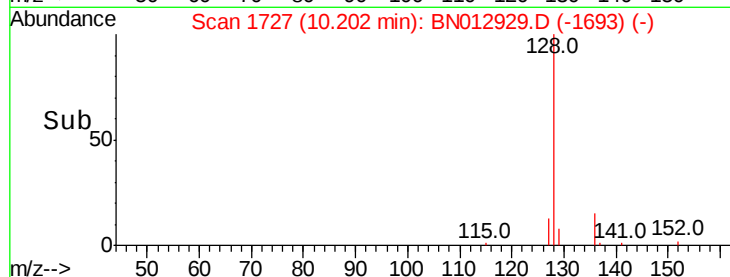
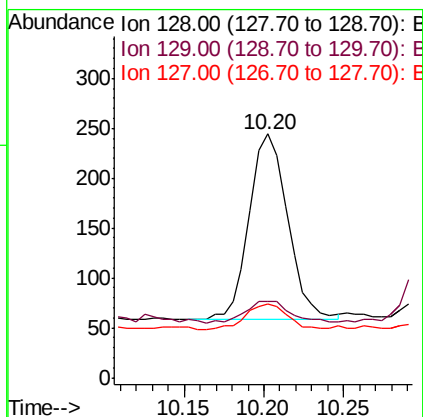
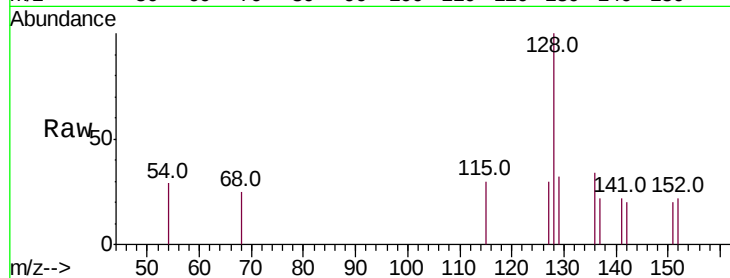
Tot Ion:128 Resp: 313

Ion Ratio Lower Upper

128 100

129 31.6 12.3 18.5#

127 30.3 14.2 21.4#



#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

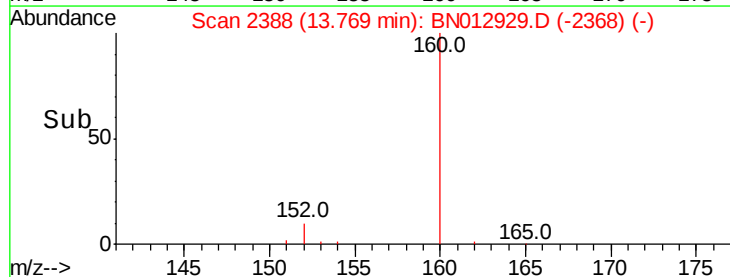
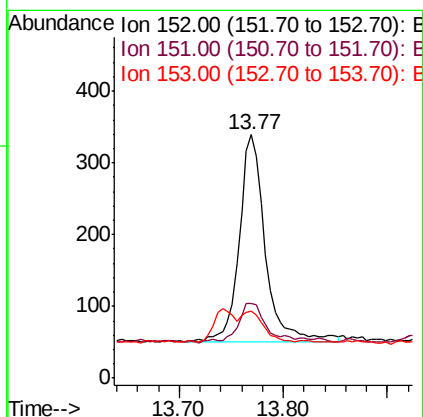
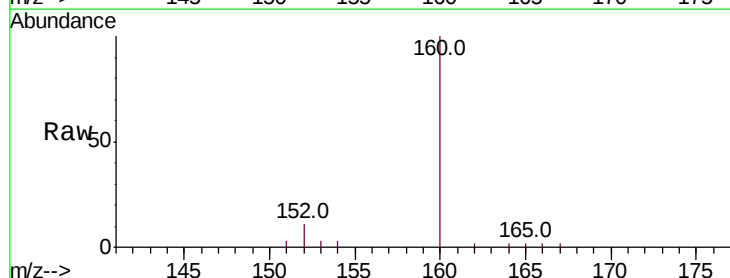
Tgt Ion:152 Resp: 500

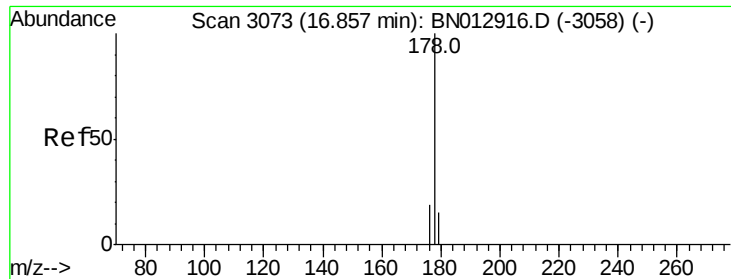
Ion Ratio Lower Upper

152 100

151 30.7 18.2 27.4#

153 27.7 13.1 19.7#





#12

Phenanthrene

Concen: 0.552 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

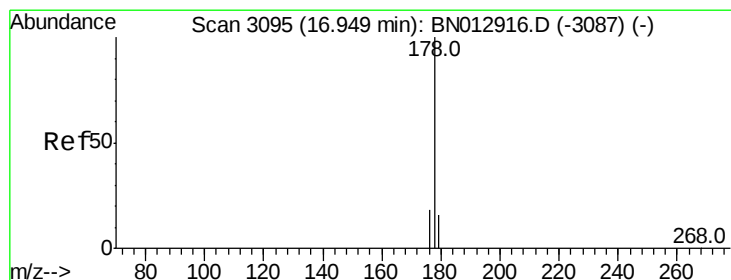
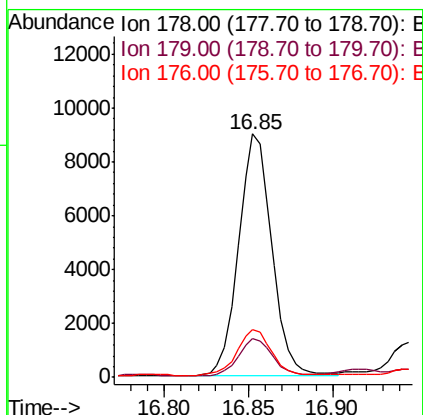
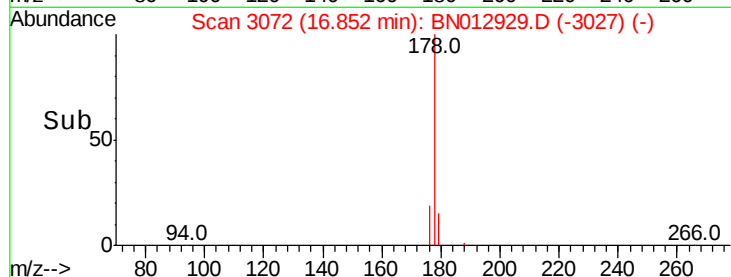
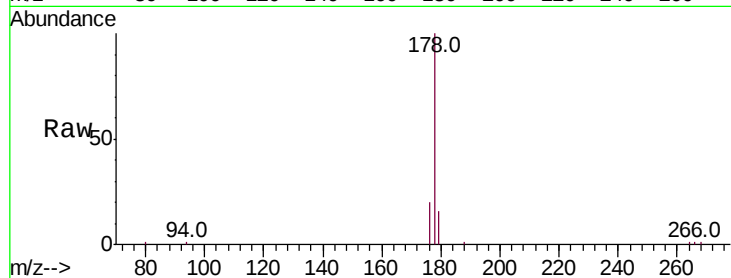
Tot Ion:178 Resp: 12356

Ion Ratio Lower Upper

178 100

179 15.8 13.6 20.4

176 19.7 16.4 24.6



#13

Anthracene

Concen: 0.092 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

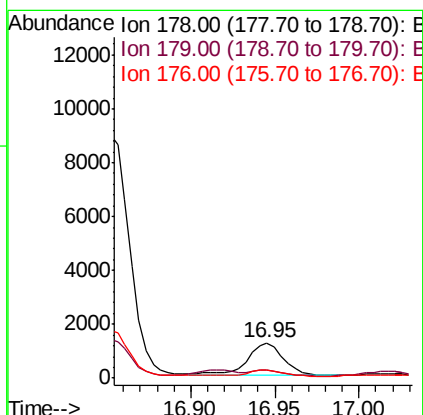
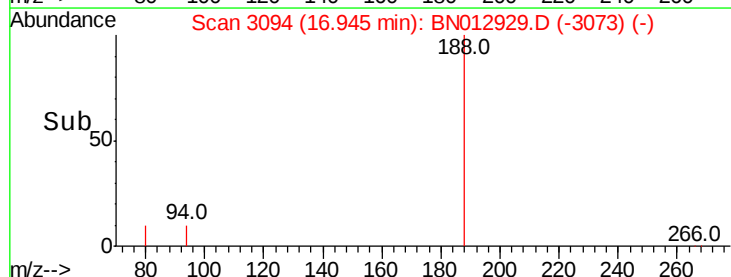
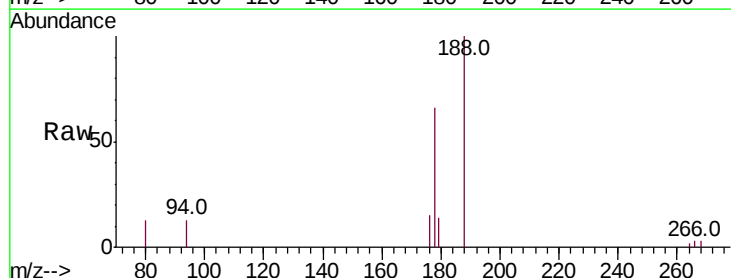
Tgt Ion:178 Resp: 1760

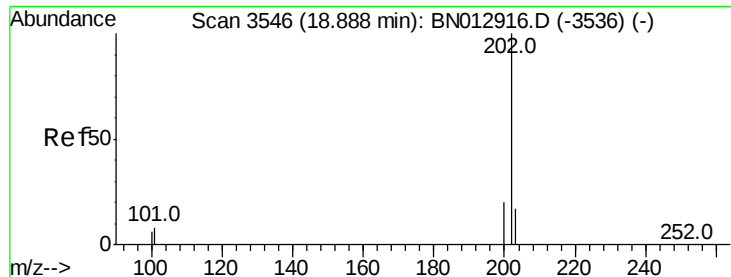
Ion Ratio Lower Upper

178 100

179 21.1 14.6 21.8

176 22.5 17.1 25.7





#15

Fluoranthene

Concen: 2.237 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

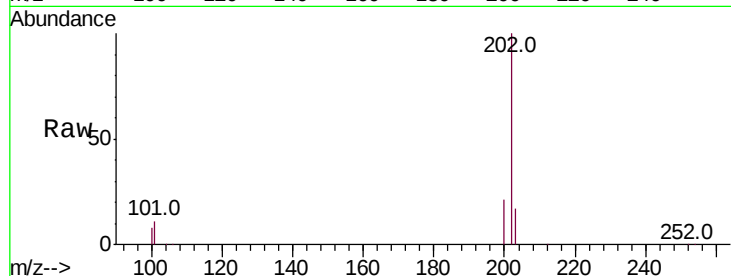
Tot Ion:202 Resp: 59544

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.6

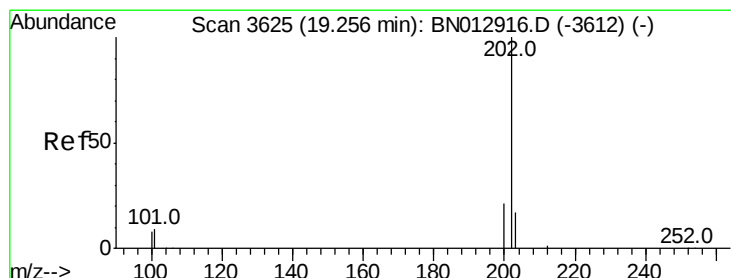
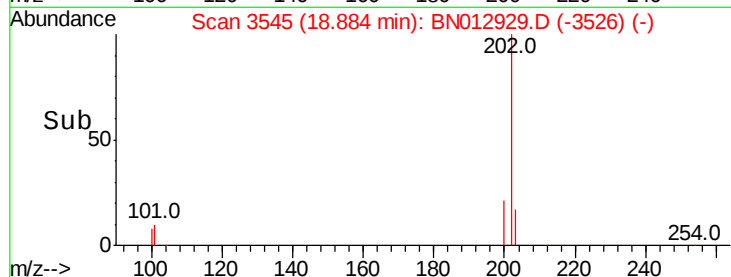
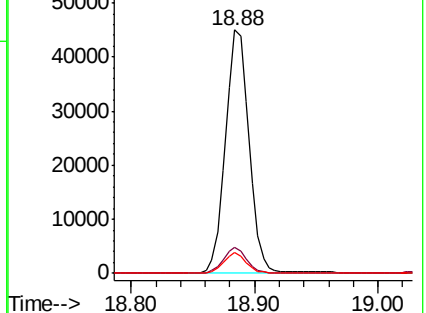
100 8.4 0.0 28.7



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: 2.000 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

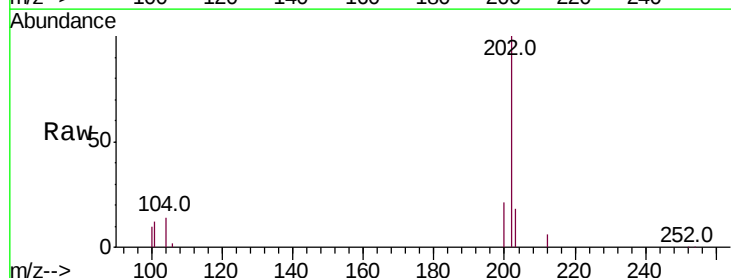
Tgt Ion:202 Resp: 54064

Ion Ratio Lower Upper

202 100

101 12.3 9.1 13.7

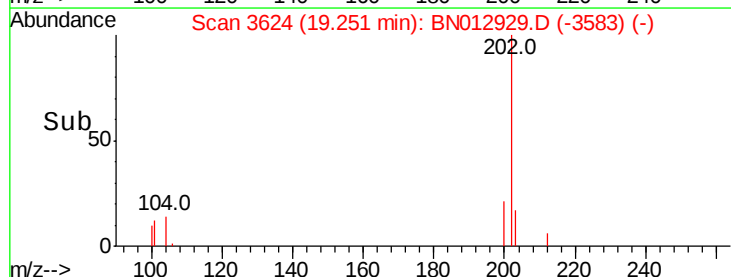
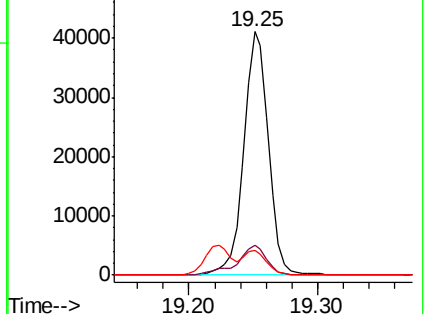
100 10.3 7.5 11.3

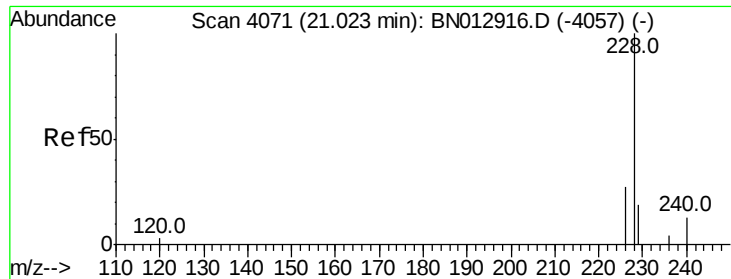


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.000 ng/ul

RT: 21.02 min Scan# 4070

Delta R.T. -0.00 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

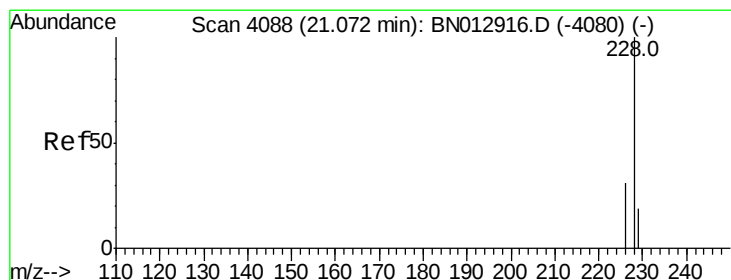
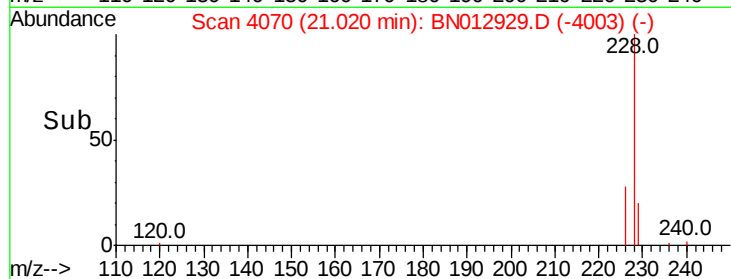
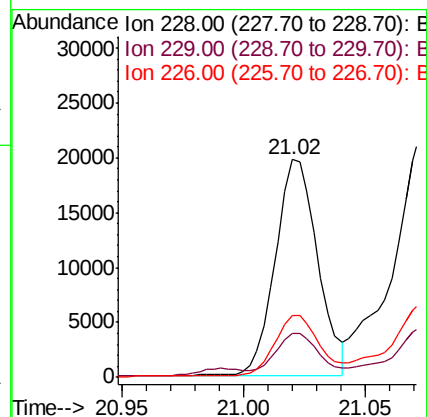
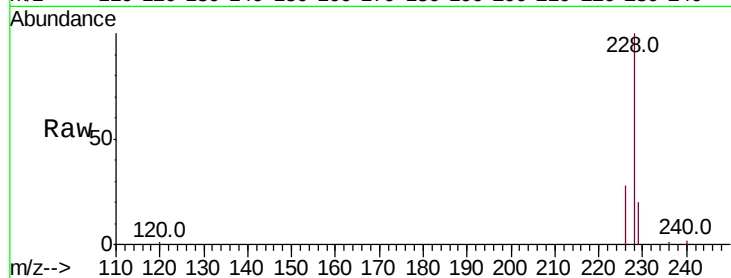
Tot Ion:228 Resp: 23668

Ion Ratio Lower Upper

228 100

229 20.2 16.3 24.5

226 28.5 23.4 35.2



#19

Chrysene

Concen: 1.189 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

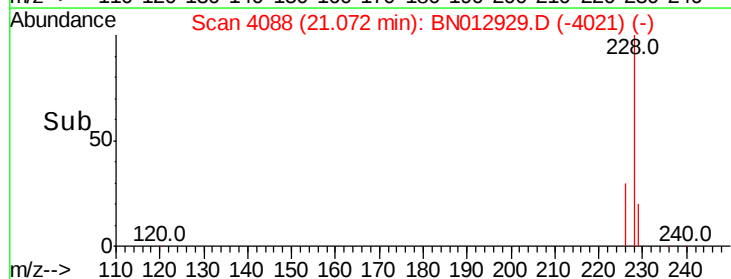
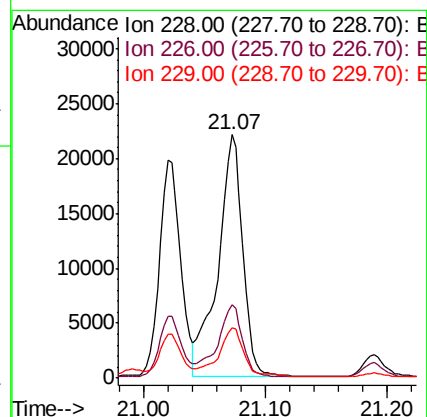
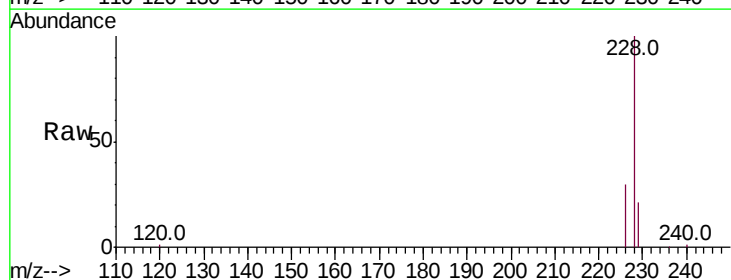
Tgt Ion:228 Resp: 31090

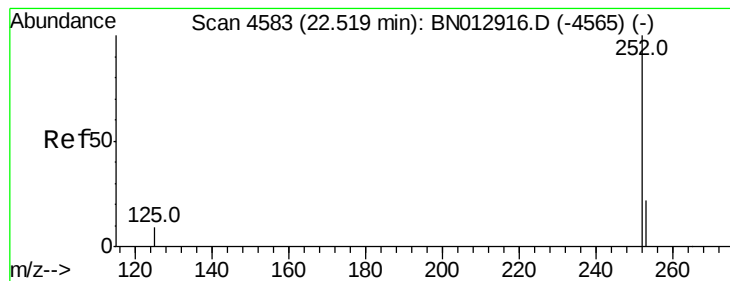
Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 20.8 16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 2.420 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

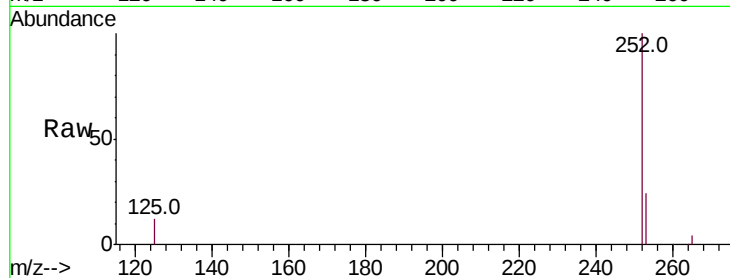
Tot Ion:252 Resp: 61302

Ion Ratio Lower Upper

252 100

253 23.6 0.0 59.6

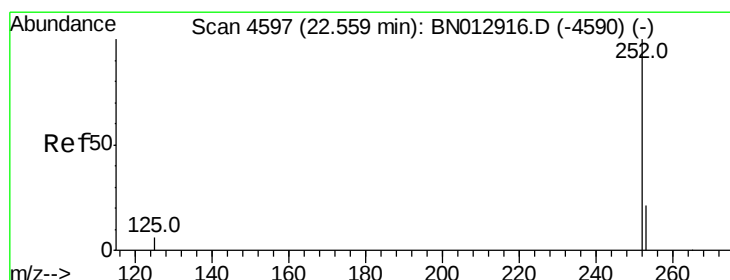
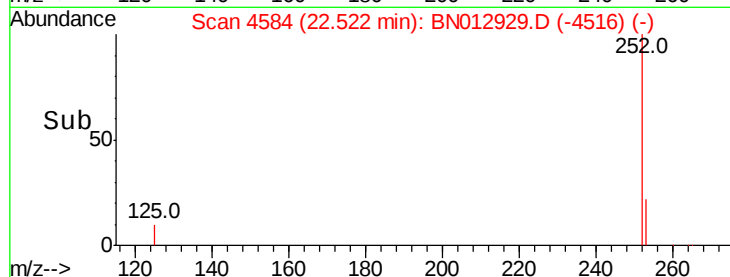
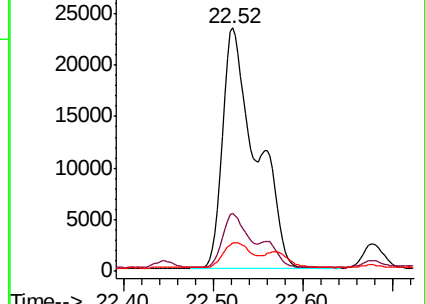
125 11.6 0.0 26.0



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: 2.189 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.04 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

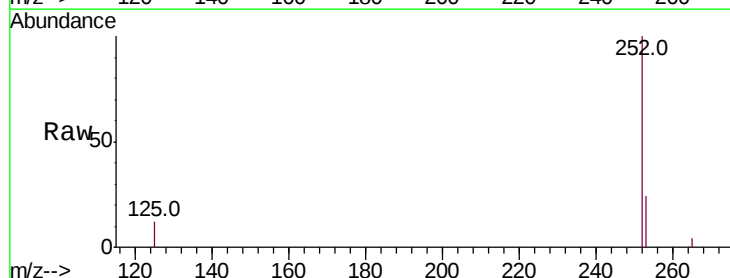
Tgt Ion:252 Resp: 61302

Ion Ratio Lower Upper

252 100

253 23.6 23.4 35.2

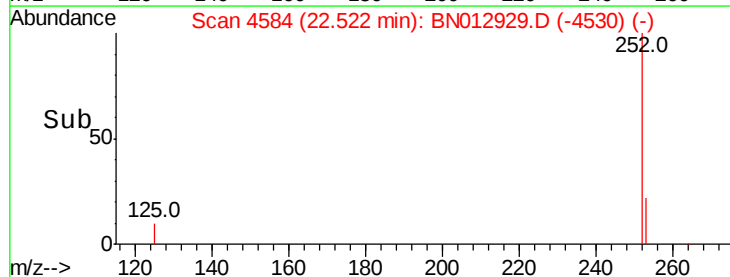
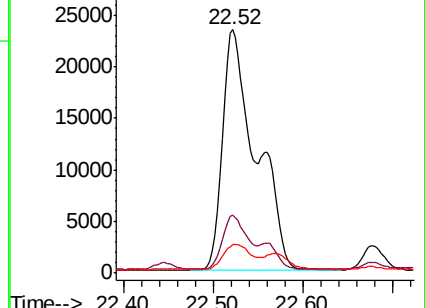
125 11.6 11.1 16.7

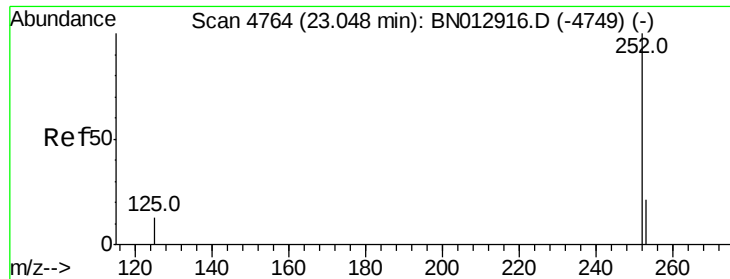


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.198 ng/u1

RT: 23.18 min Scan# 4810

Delta R.T. 0.13 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

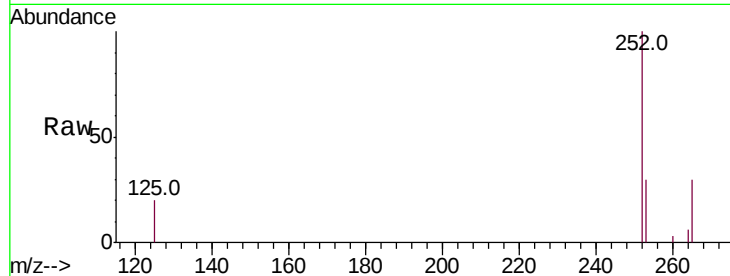
Tot Ion:252 Resp: 4654

Ion Ratio Lower Upper

252 100

253 30.1 26.5 39.7

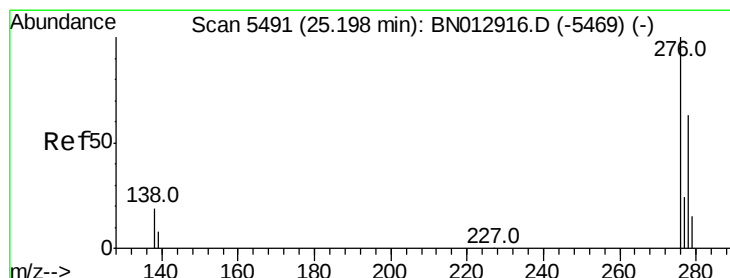
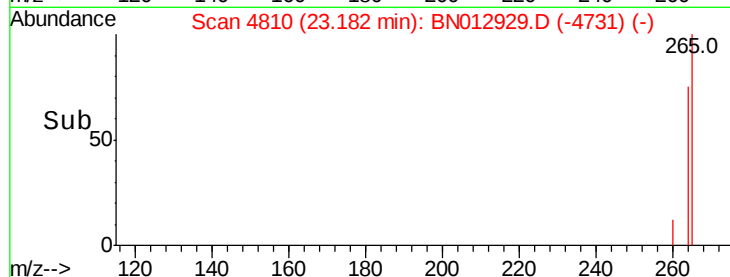
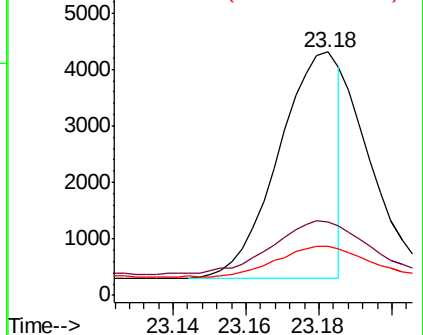
125 20.3 14.2 21.2



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: 0.665 ng/u1

RT: 25.19 min Scan# 5489

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

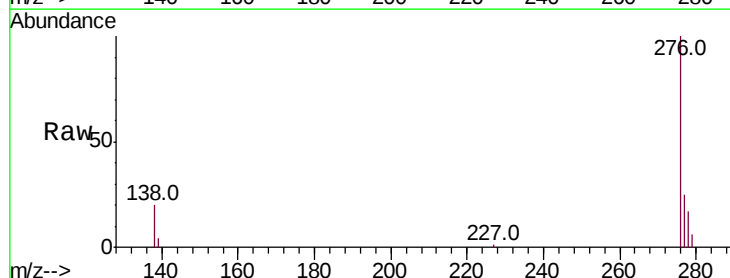
Tgt Ion:276 Resp: 20548

Ion Ratio Lower Upper

276 100

138 18.7 16.2 24.2

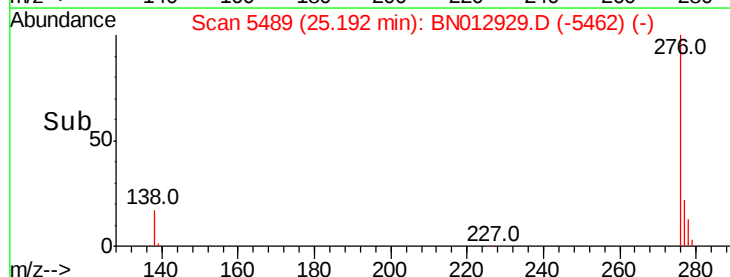
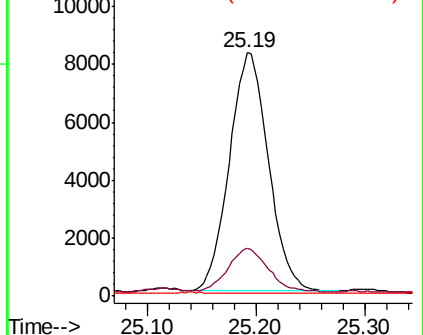
227 0.0 0.0 0.0#

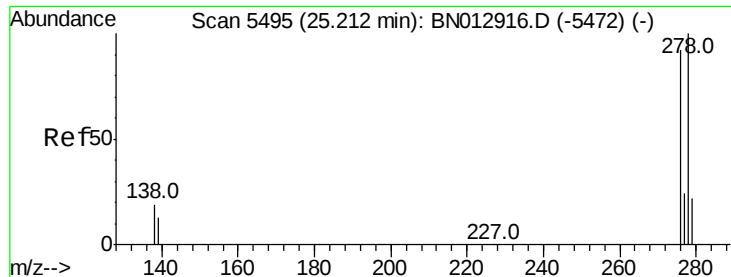


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.172 ng/ul

RT: 25.20 min Scan# 5491

Delta R.T. -0.02 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

ClientSampleId :

C0B64

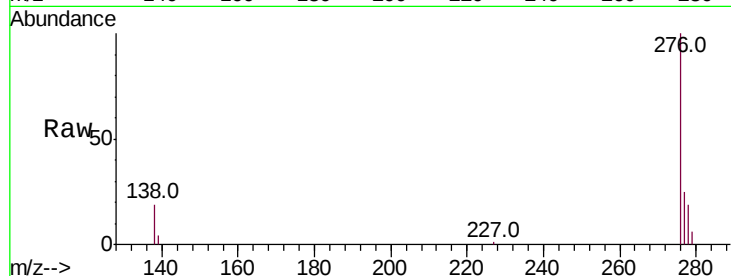
Tot Ion:278 Resp: 4209

Ion Ratio Lower Upper

278 100

139 23.0 14.5 21.7#

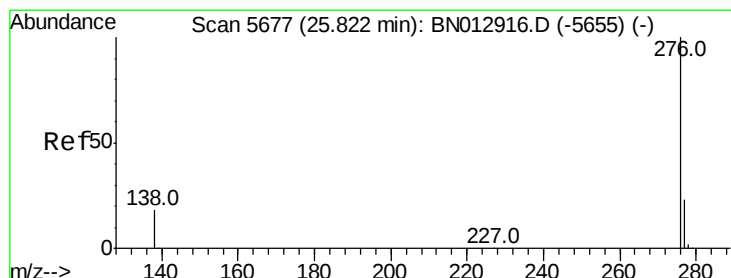
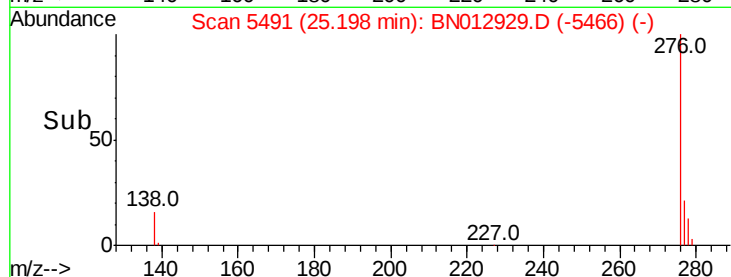
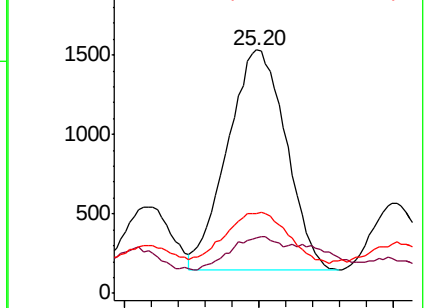
279 32.8 26.3 39.5



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: 0.721 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

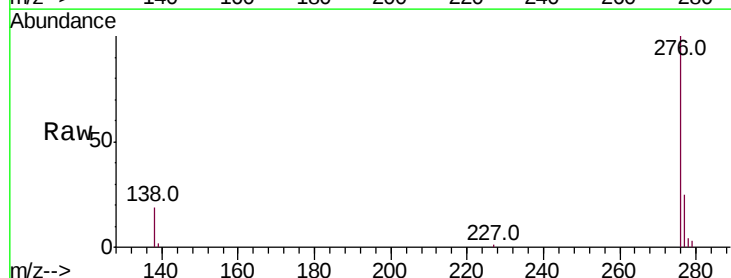
Tgt Ion:276 Resp: 20151

Ion Ratio Lower Upper

276 100

138 19.2 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

