

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012852.D
 Acq On : 03 Dec 2020 18:20
 Operator : CG/JU
 Sample : L4866-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B87

Quant Time: Dec 04 00:18:19 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 : Thu Dec 03 15:27:55 2020
 Response via : Initial Calibration

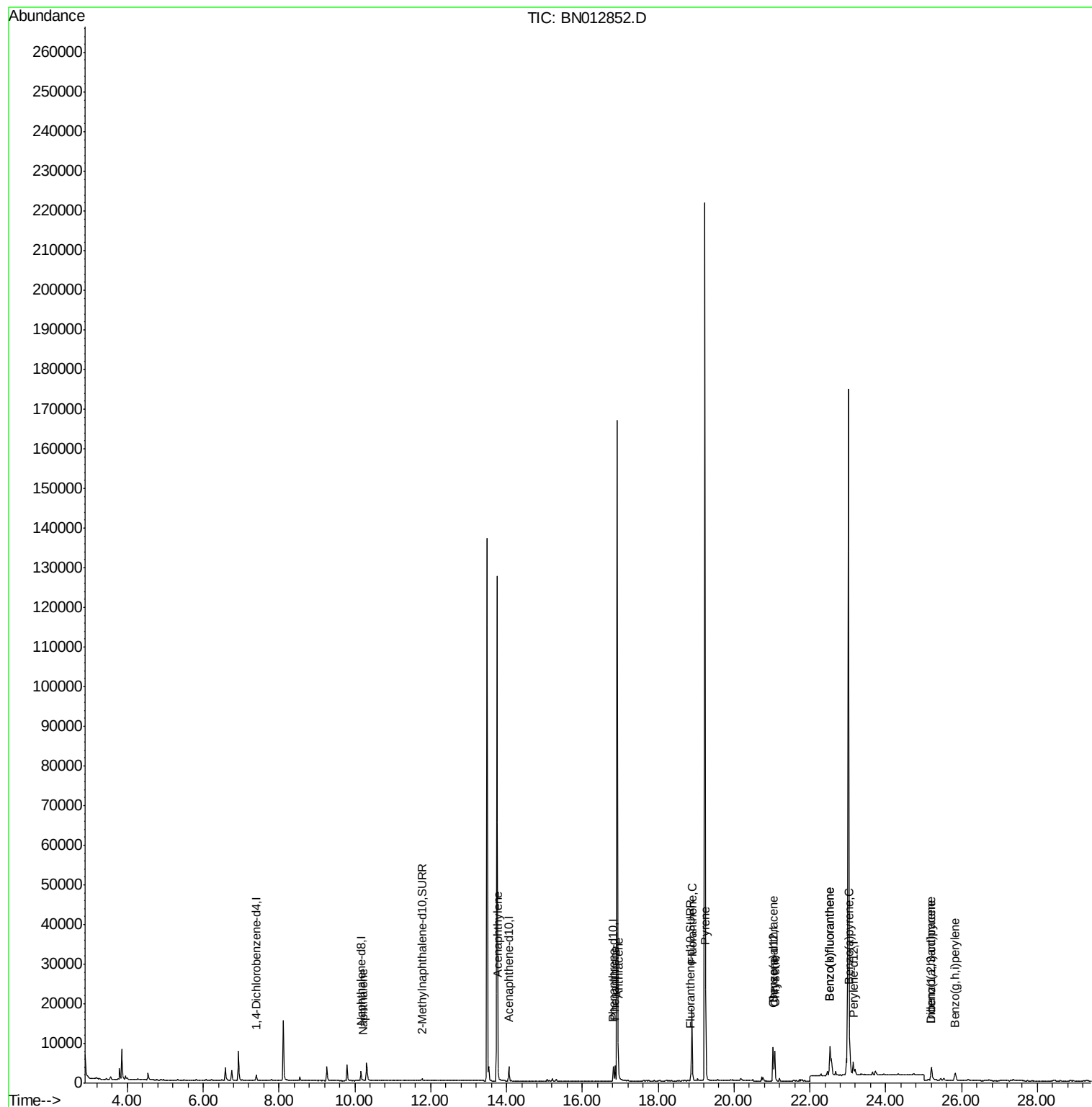
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	798	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3224	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1950	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	4204	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3542	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3825	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	754	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2003	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	373	0.040	ng/ul#	74
7) Acenaphthylene	13.78	152	588	0.064	ng/ul#	87
12) Phenanthrene	16.86	178	4088	0.290	ng/ul	99
13) Anthracene	16.95	178	596	0.050	ng/ul#	80
15) Fluoranthene	18.89	202	15457	0.923	ng/ul	98
17) Pyrene	19.26	202	14752	0.882	ng/ul	99
18) Benzo(a)anthracene	21.03	228	6562	0.448	ng/ul	98
19) Chrysene	21.08	228	8061	0.498	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	15612	0.882	ng/ul	94
22) Benzo(k)fluoranthene	22.53	252	15612	0.798	ng/ul	95
23) Benzo(a)pyrene	23.05	252	7082	0.431	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.21	276	5029	0.233	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.21	278	1175	0.069	ng/ul#	67
26) Benzo(g,h,i)perylene	25.84	276	4072	0.209	ng/ul	97

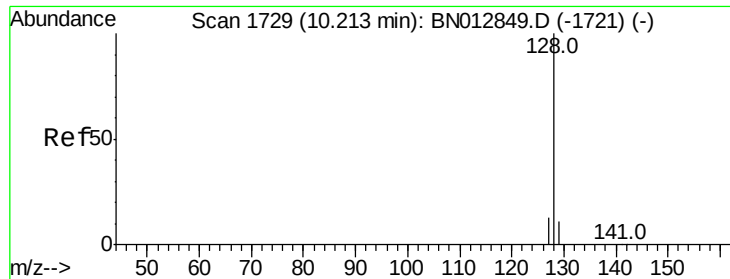
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B87

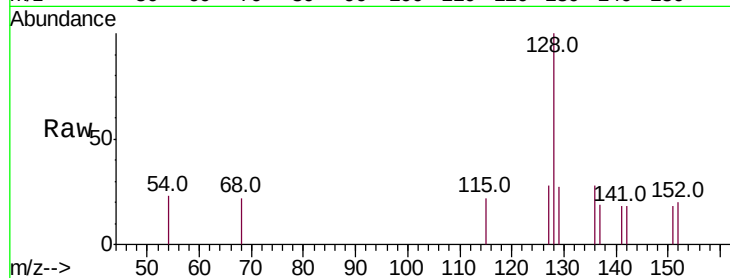
Tot Ion:128 Resp: 373

Ion Ratio Lower Upper

128 100

129 26.9 12.3 18.5#

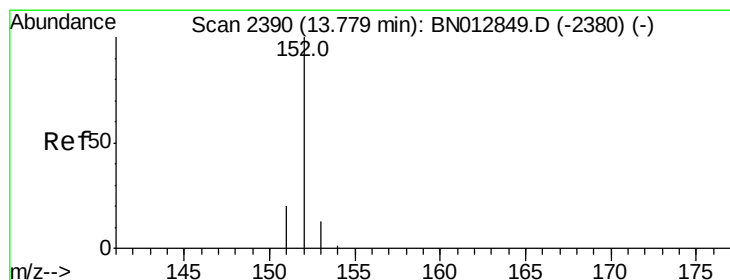
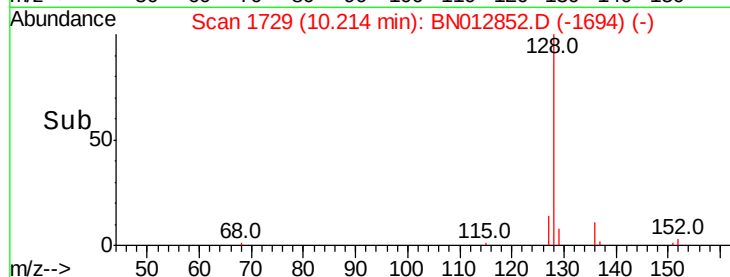
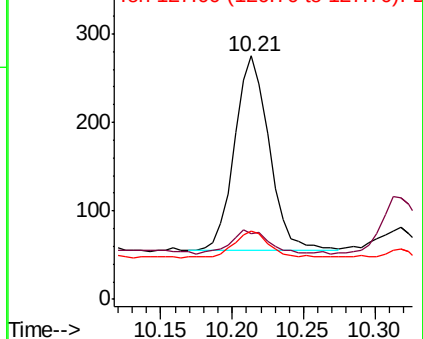
127 28.4 14.2 21.4#



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



#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

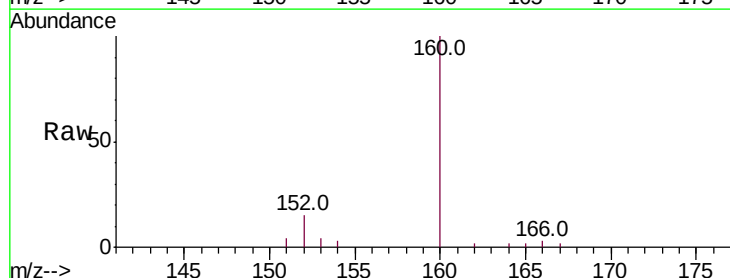
Tgt Ion:152 Resp: 588

Ion Ratio Lower Upper

152 100

151 27.9 18.2 27.4#

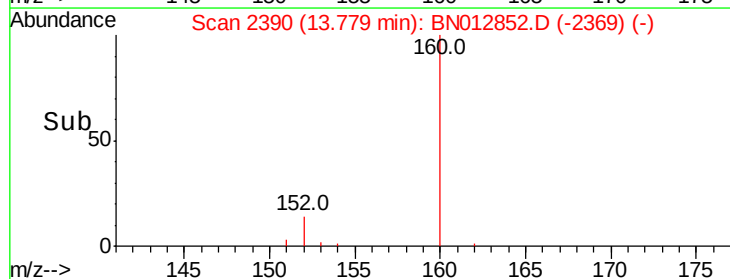
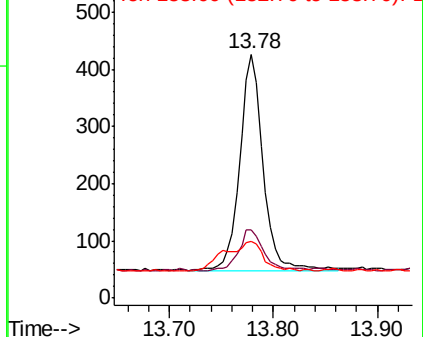
153 23.5 13.1 19.7#

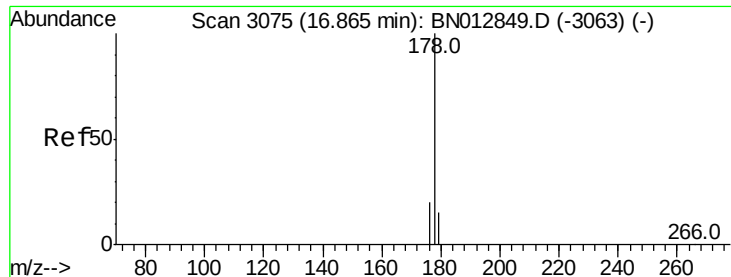


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.290 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B87

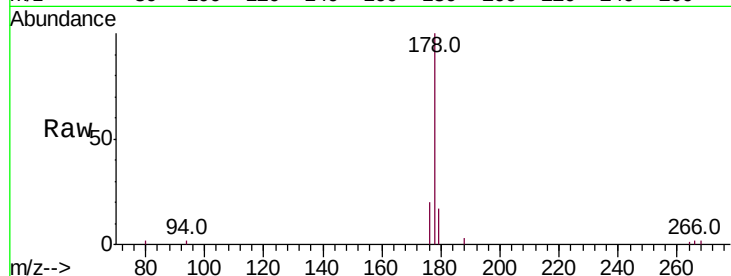
Tot Ion:178 Resp: 4088

Ion Ratio Lower Upper

178 100

179 16.8 13.6 20.4

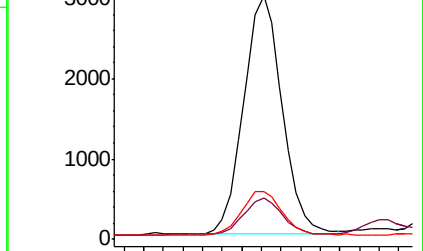
176 19.9 16.4 24.6



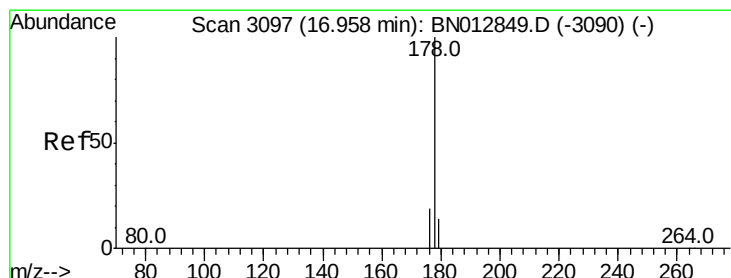
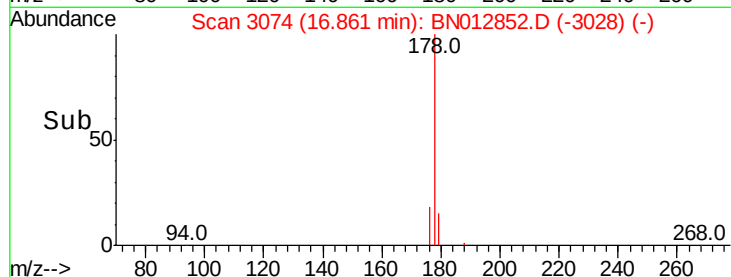
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.050 ng/ul

RT: 16.95 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

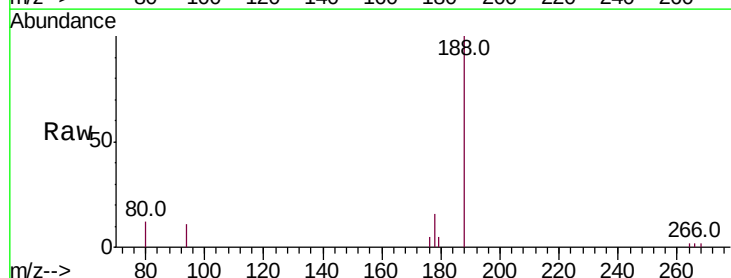
Tgt Ion:178 Resp: 596

Ion Ratio Lower Upper

178 100

179 29.3 14.6 21.8#

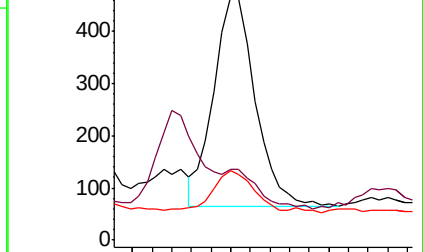
176 28.5 17.1 25.7#



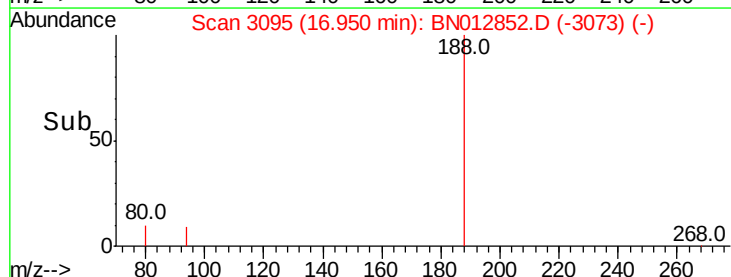
Abundance Ion 178.00 (177.70 to 178.70): E

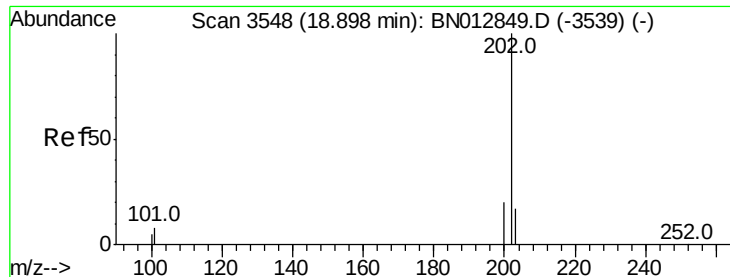
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.923 ng/ul

RT: 18.89 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B87

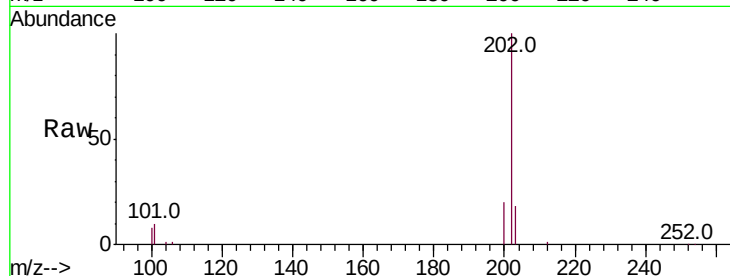
Tot Ion:202 Resp: 15457

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.6

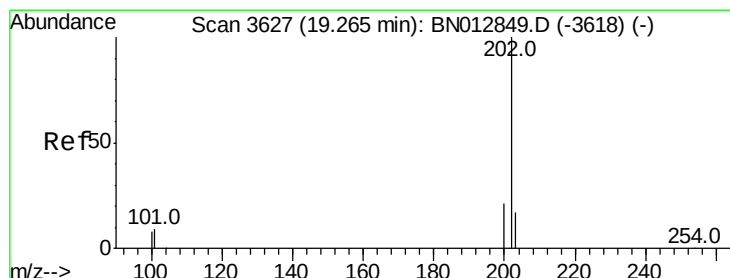
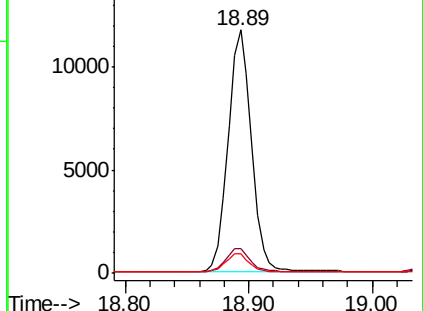
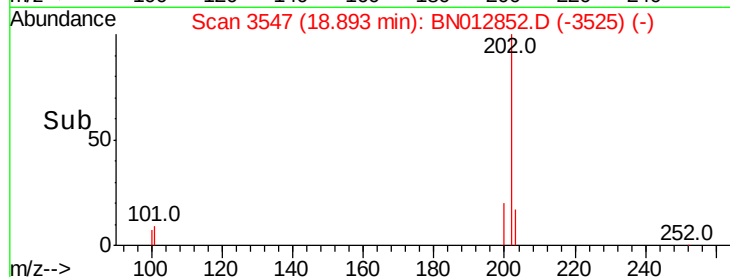
100 7.9 0.0 28.7



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: 0.882 ng/ul

RT: 19.26 min Scan# 3626

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

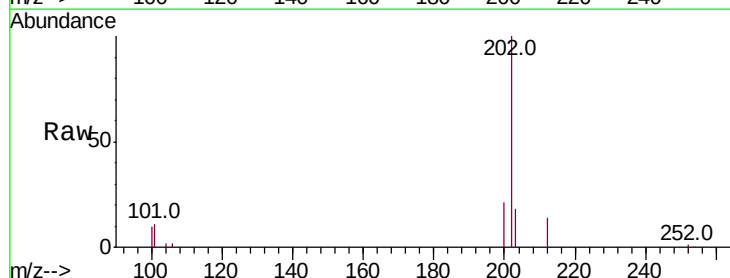
Tgt Ion:202 Resp: 14752

Ion Ratio Lower Upper

202 100

101 10.9 9.1 13.7

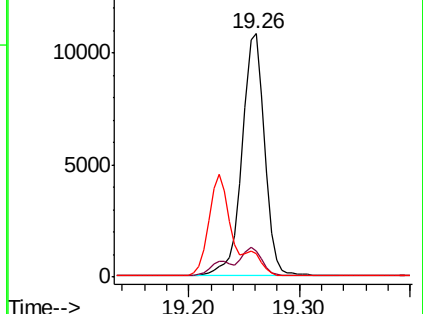
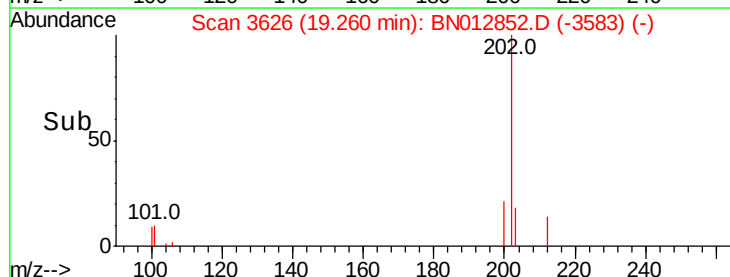
100 9.5 7.5 11.3

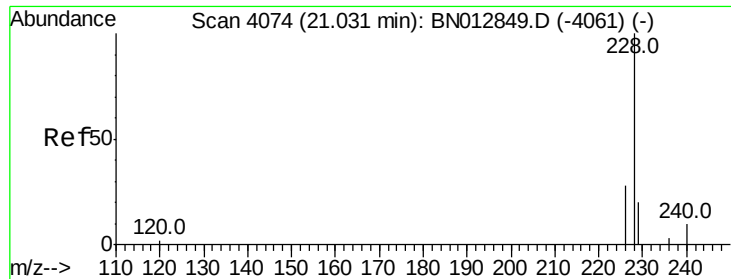


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.448 ng/ul

RT: 21.03 min Scan# 4072

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B87

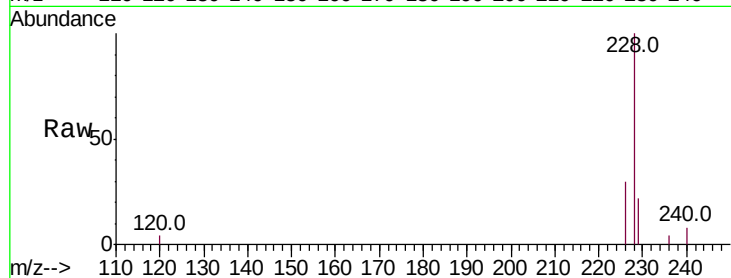
Tot Ion:228 Resp: 6562

Ion Ratio Lower Upper

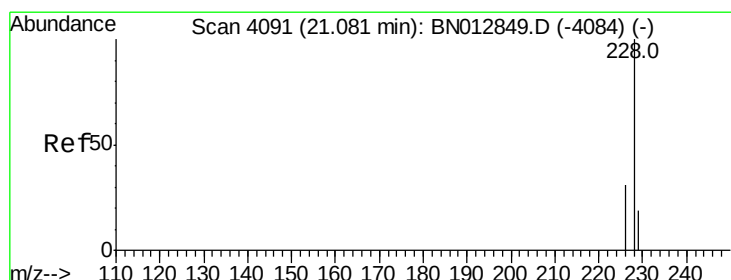
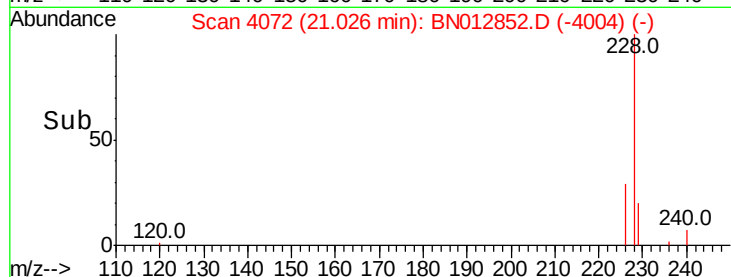
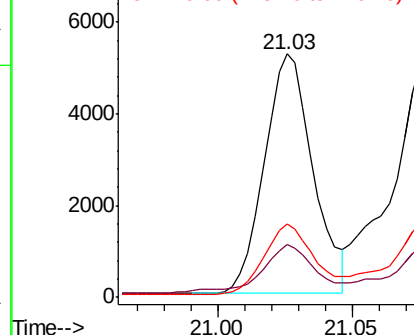
228 100

229 21.7 16.3 24.5

226 29.9 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: 0.498 ng/ul

RT: 21.08 min Scan# 4090

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

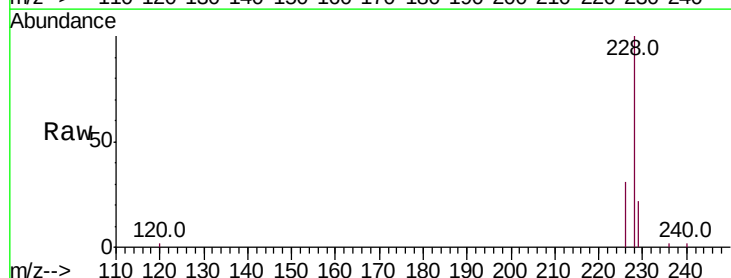
Tgt Ion:228 Resp: 8061

Ion Ratio Lower Upper

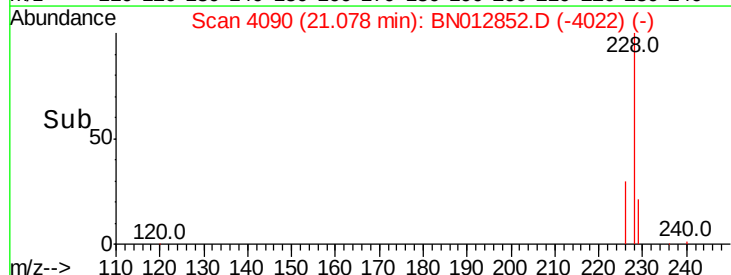
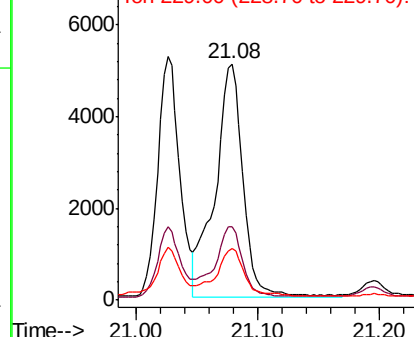
228 100

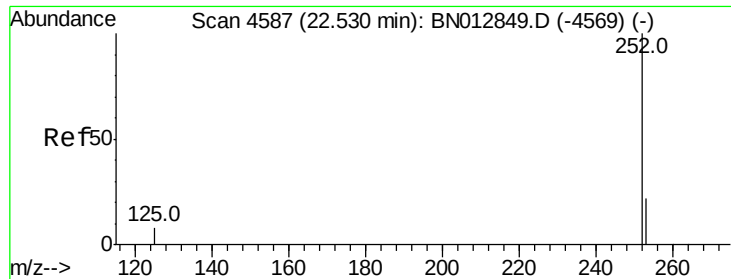
226 30.8 25.0 37.6

229 21.7 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: 0.882 ng/ul

RT: 22.53 min Scan# 4586

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

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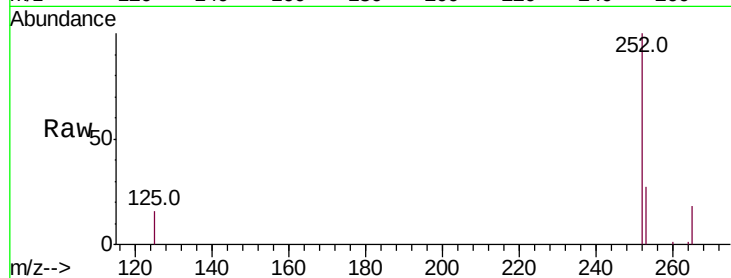
Tot Ion:252 Resp: 15612

Ion Ratio Lower Upper

252 100

253 26.7 0.0 59.6

125 16.0 0.0 26.0

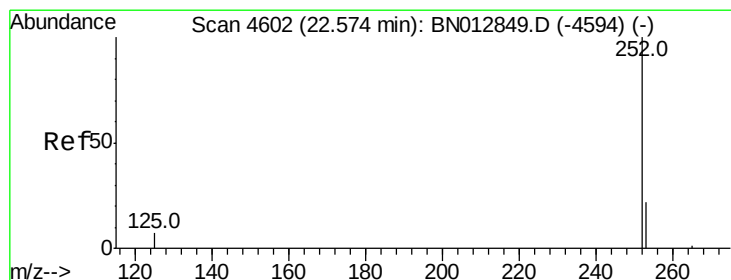
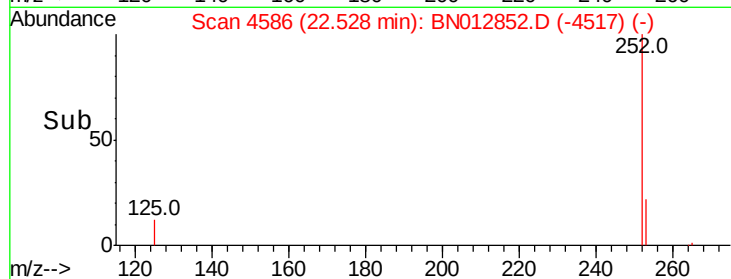
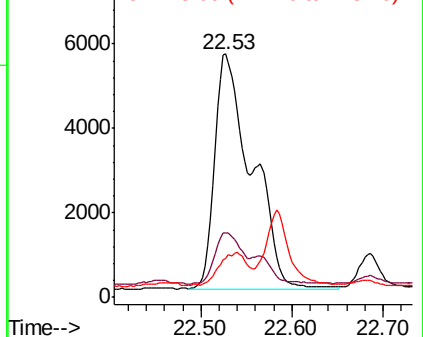


Abundance

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: 0.798 ng/ul

RT: 22.53 min Scan# 4586

Delta R.T. -0.04 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

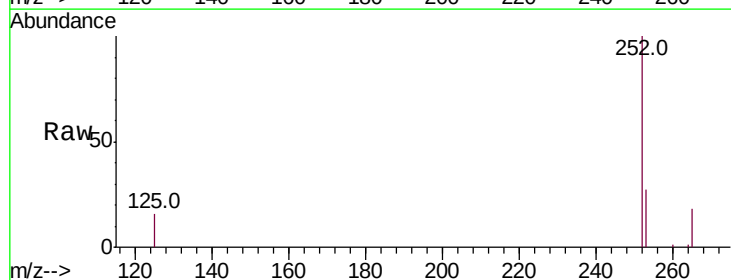
Tgt Ion:252 Resp: 15612

Ion Ratio Lower Upper

252 100

253 26.7 23.4 35.2

125 16.0 11.1 16.7

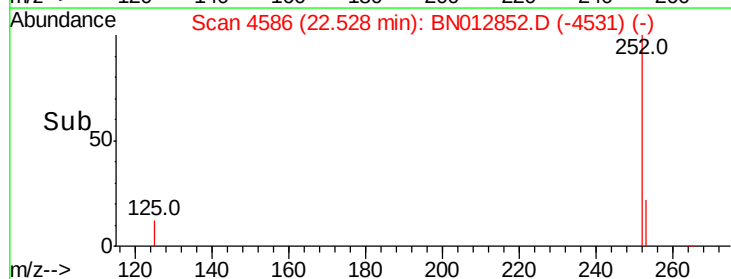
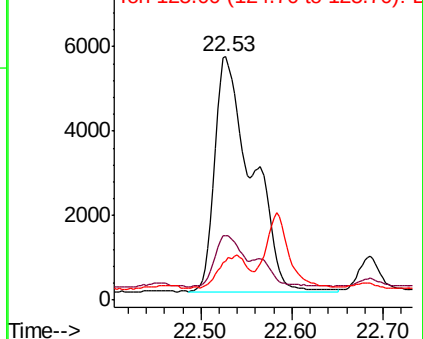


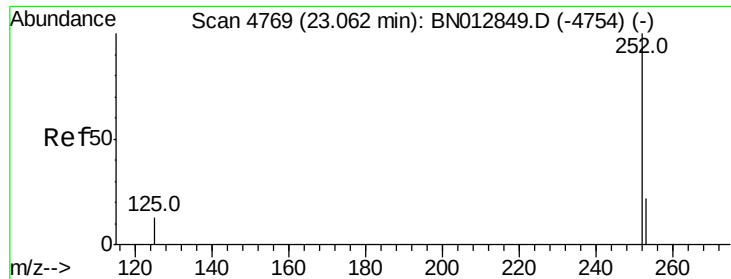
Abundance

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: 0.431 ng/ul

RT: 23.05 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

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C0B87

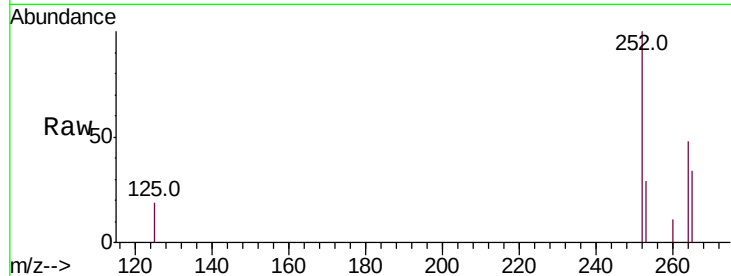
Tot Ion:252 Resp: 7082

Ion Ratio Lower Upper

252 100

253 28.8 26.5 39.7

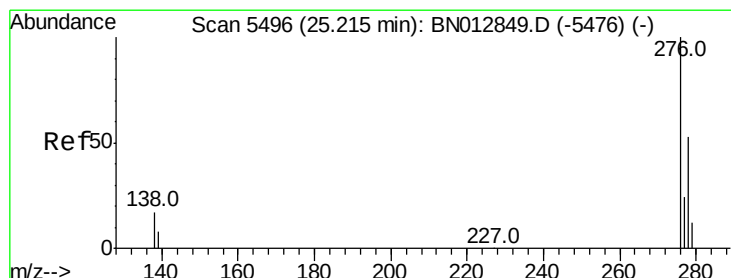
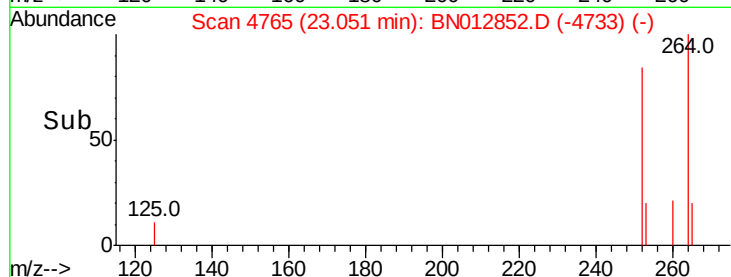
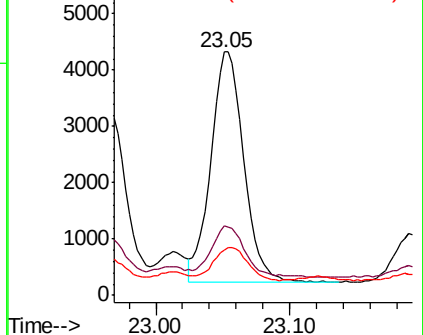
125 18.8 14.2 21.2



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: 0.233 ng/ul

RT: 25.21 min Scan# 5493

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

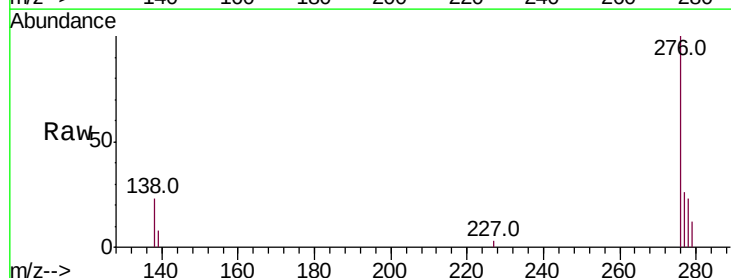
Tgt Ion:276 Resp: 5029

Ion Ratio Lower Upper

276 100

138 24.2 16.2 24.2

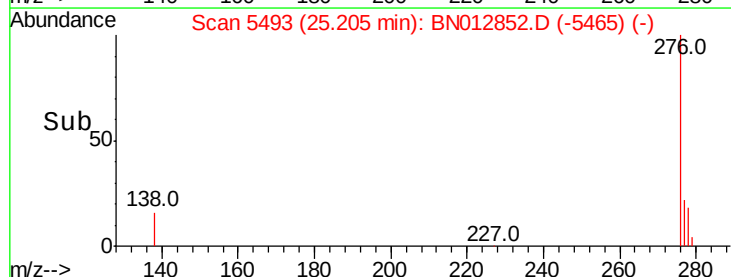
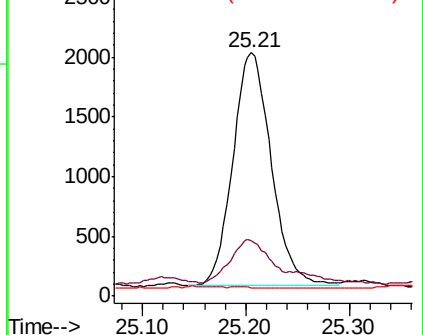
227 0.0 0.0 0.0

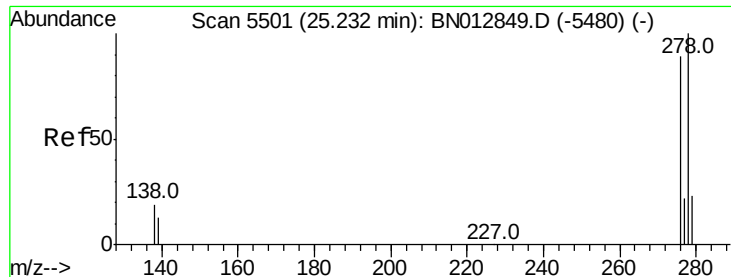


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.069 ng/ul

RT: 25.21 min Scan# 5495

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

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ClientSampleId :

C0B87

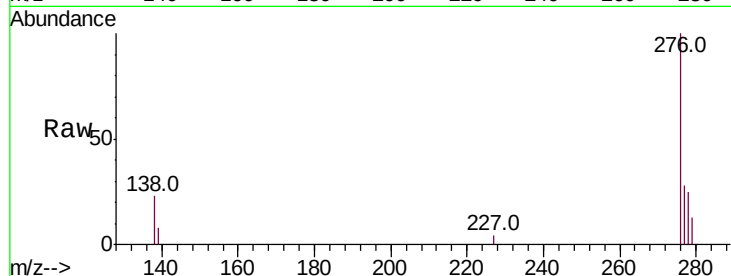
Tot Ion:278 Resp: 1175

Ion Ratio Lower Upper

278 100

139 32.6 14.5 21.7#

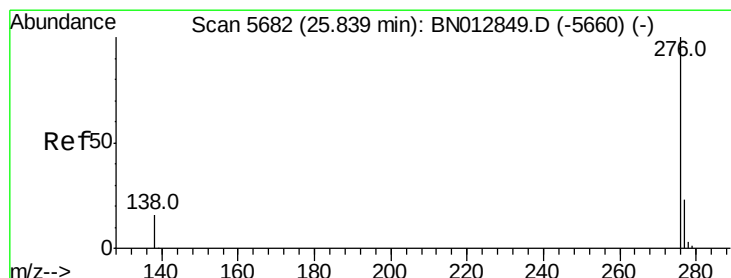
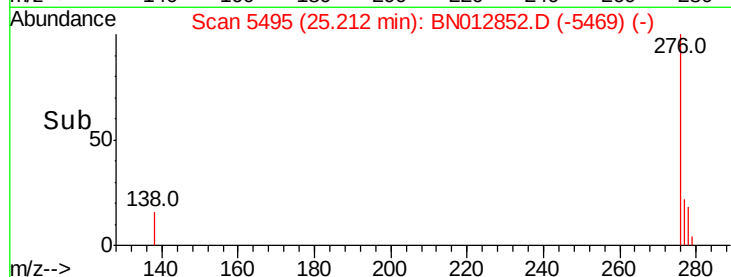
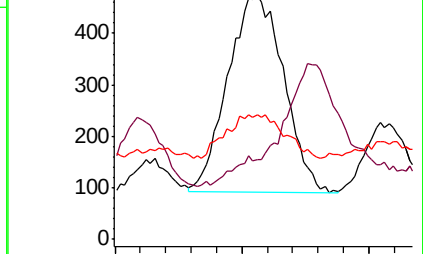
279 51.4 26.3 39.5#



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(g,h,i)perylene

Concen: 0.209 ng/ul

RT: 25.84 min Scan# 5681

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

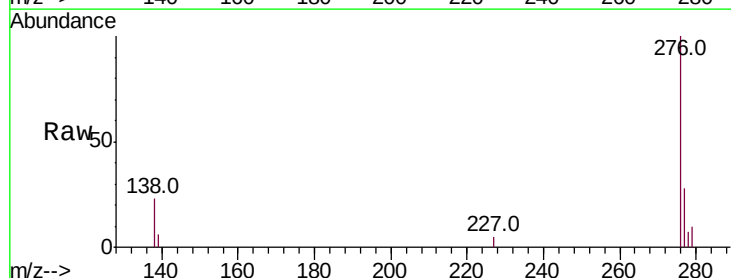
Tgt Ion:276 Resp: 4072

Ion Ratio Lower Upper

276 100

138 23.1 16.3 24.5

277 27.7 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

