

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012678.D
 Acq On : 21 Nov 2020 10:01
 Operator : CG/JU
 Sample : L4710-12DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B32DL

Quant Time: Nov 23 01:00:29 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 : Mon Nov 23 00:58:43 2020
 Response via : Initial Calibration

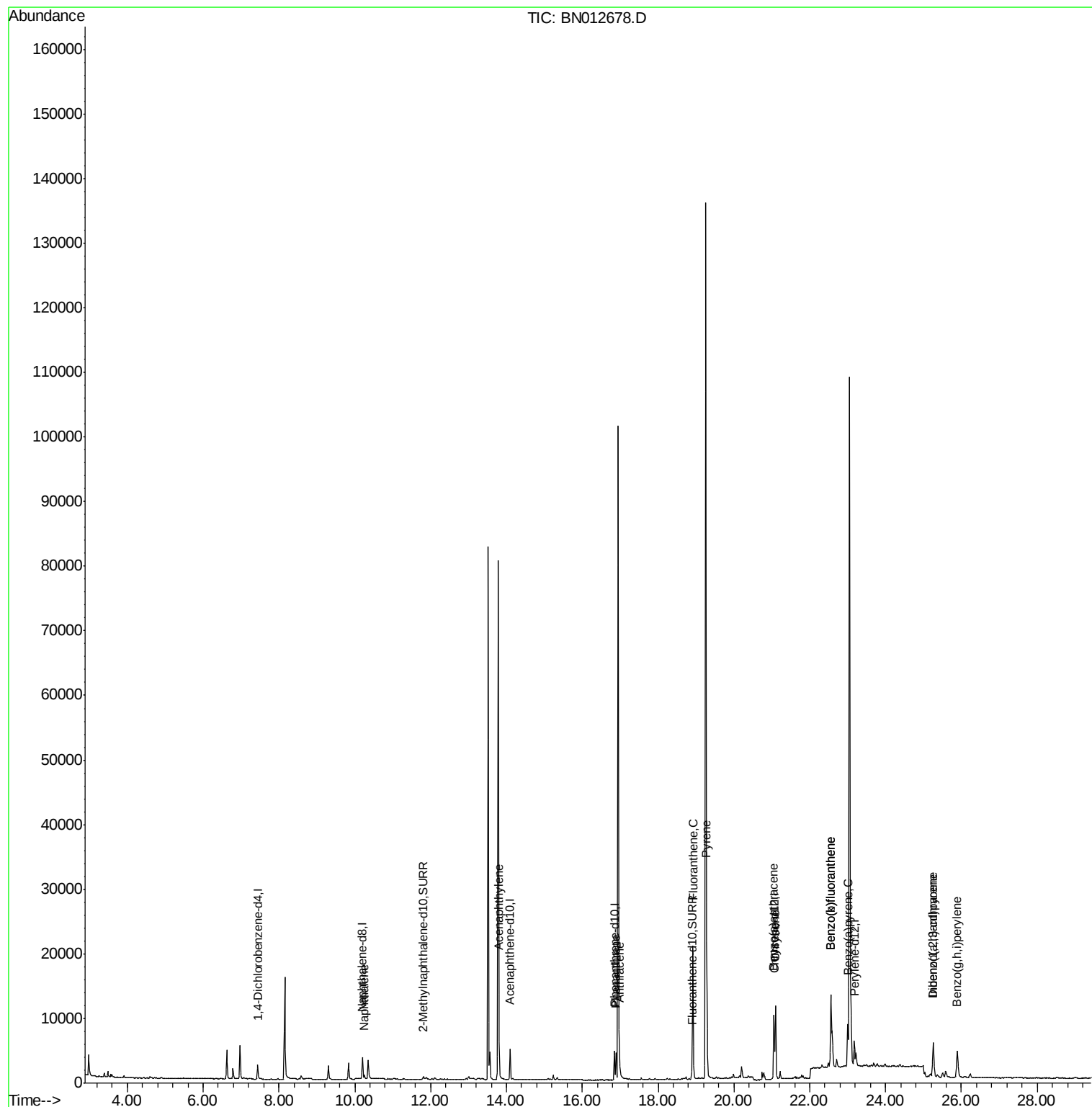
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4579	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.10	164	2519	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5209	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4533	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	566	0.09	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	1389	0.10	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.25	128	772	0.056	ng/ul#	85
7) Acenaphthylene	13.81	152	290	0.024	ng/ul#	61
12) Phenanthrene	16.89	178	4440	0.245	ng/ul	99
13) Anthracene	16.98	178	664	0.042	ng/ul#	83
15) Fluoranthene	18.92	202	17598	0.841	ng/ul	99
17) Pyrene	19.28	202	15961	0.787	ng/ul#	95
18) Benzo(a)anthracene	21.05	228	7991	0.492	ng/ul	99
19) Chrysene	21.10	228	11640	0.574	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	23309	1.088	ng/ul	96
22) Benzo(k)fluoranthene	22.56	252	23352	0.945	ng/ul	94
23) Benzo(a)pyrene	23.00	252	5623	0.279	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.26	276	8368	0.317	ng/ul	97
25) Dibenzo(a,h)anthracene	25.27	278	1886	0.089	ng/ul#	70
26) Benzo(g,h,i)perylene	25.89	276	8065	0.340	ng/ul	97

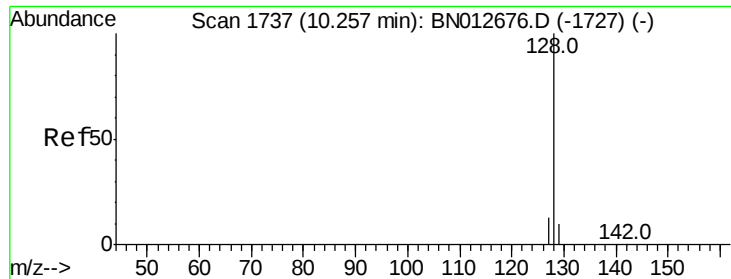
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

Instrument :

BNA_N

ClientSampleId :

C0B32DL

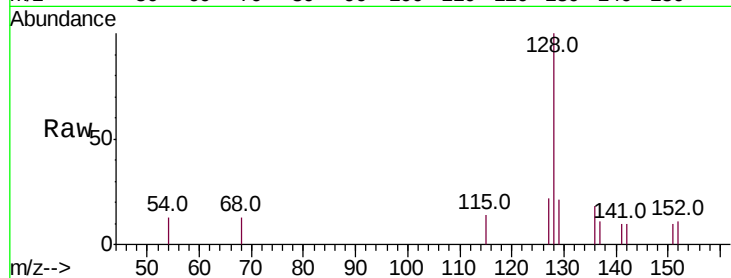
Tot Ion:128 Resp: 772

Ion Ratio Lower Upper

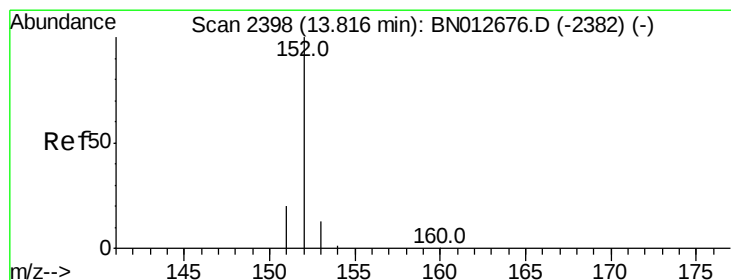
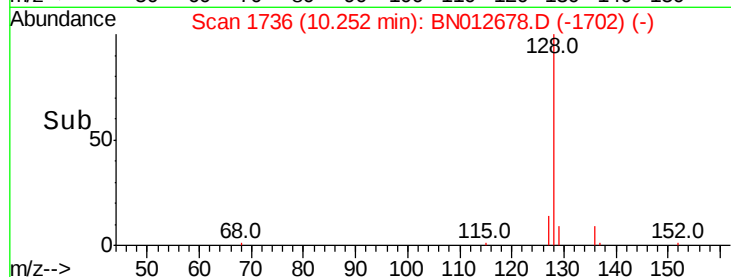
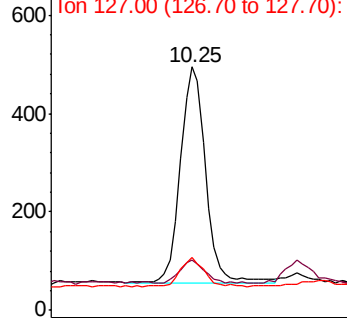
128 100

129 20.6 11.2 16.8#

127 21.8 12.5 18.7#



Abundance Ion 128.00 (127.70 to 128.70): E



#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

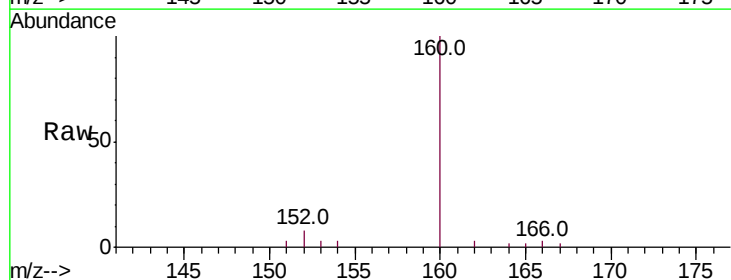
Tgt Ion:152 Resp: 290

Ion Ratio Lower Upper

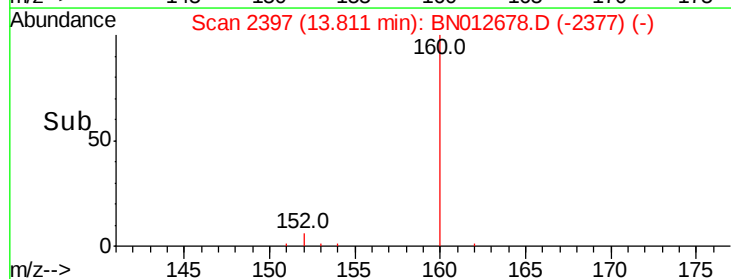
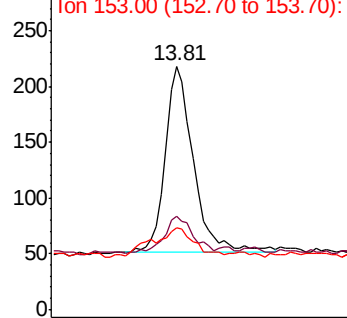
152 100

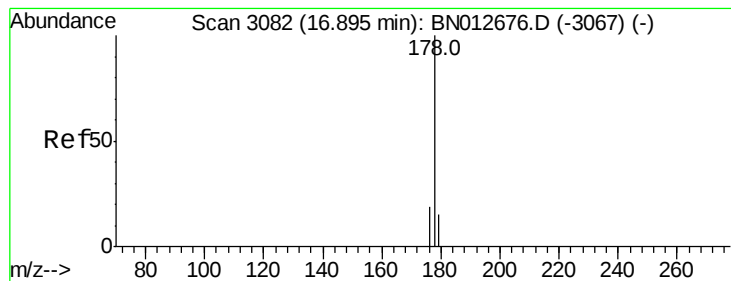
151 38.5 17.1 25.7#

153 33.5 12.6 19.0#



Abundance Ion 152.00 (151.70 to 152.70): E





#12

Phenanthrene

Concen: 0.245 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

Instrument :

BNA_N

ClientSampleId :

C0B32DL

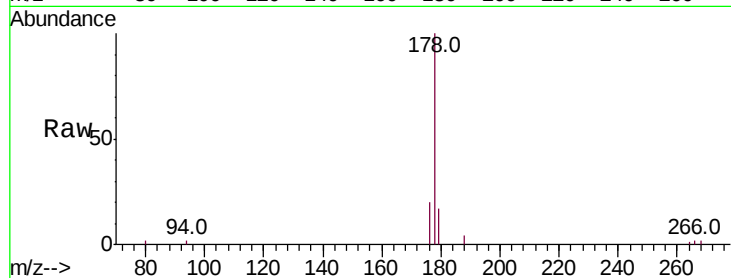
Tot Ion:178 Resp: 4440

Ion Ratio Lower Upper

178 100

179 17.0 13.8 20.6

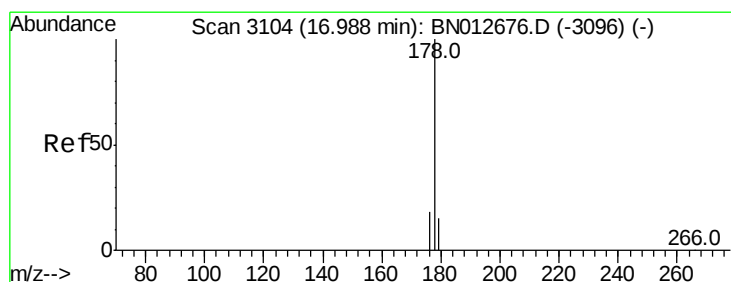
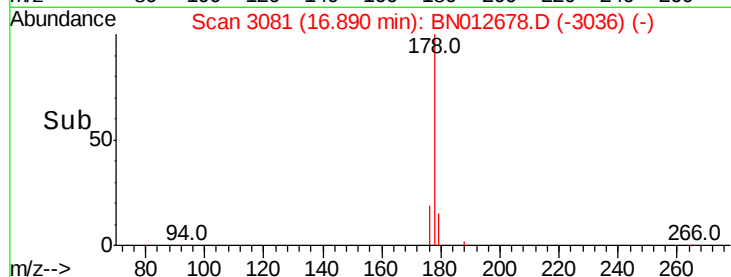
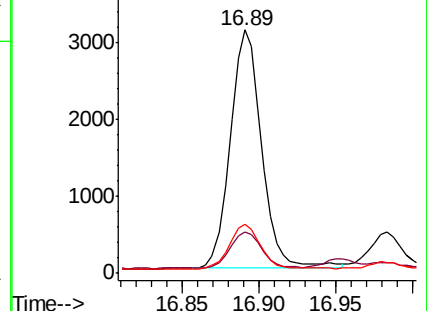
176 20.0 16.7 25.1



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



#13

Anthracene

Concen: 0.042 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

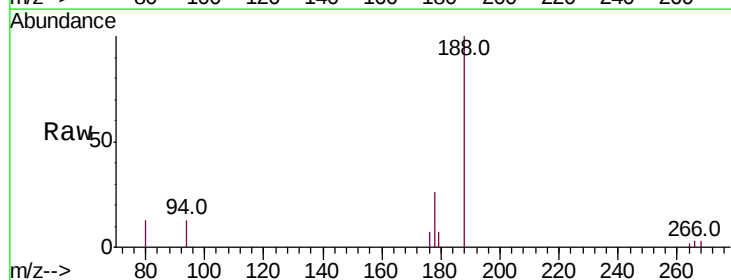
Tgt Ion:178 Resp: 664

Ion Ratio Lower Upper

178 100

179 27.1 14.8 22.2#

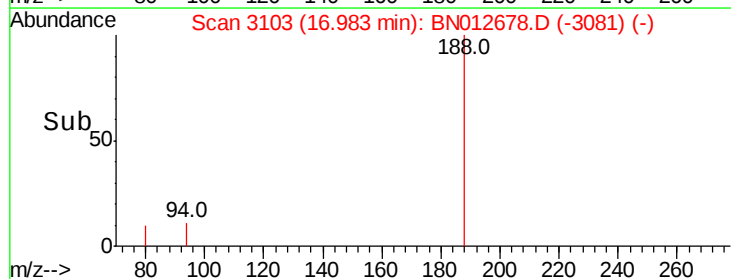
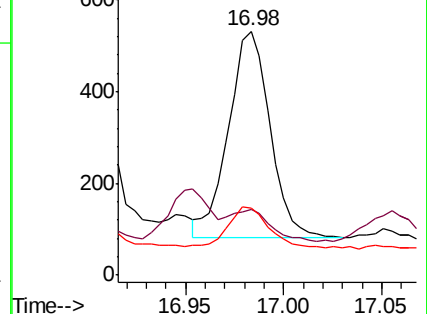
176 27.3 16.3 24.5#

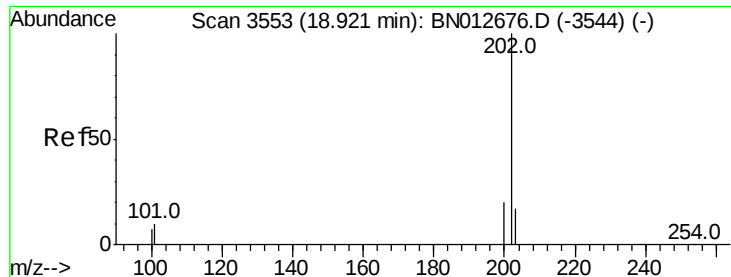


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.841 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

Instrument :

BNA_N

ClientSampleId :

C0B32DL

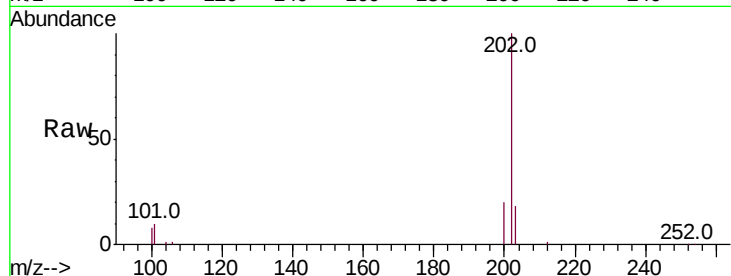
Tot Ion:202 Resp: 17598

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

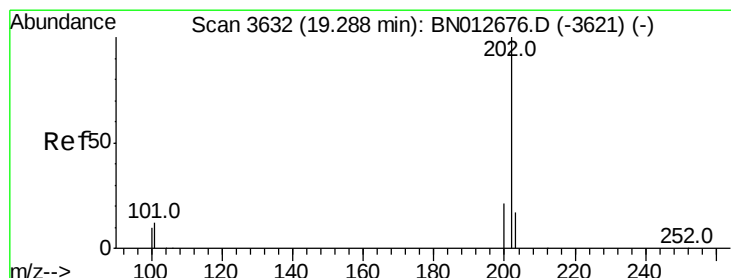
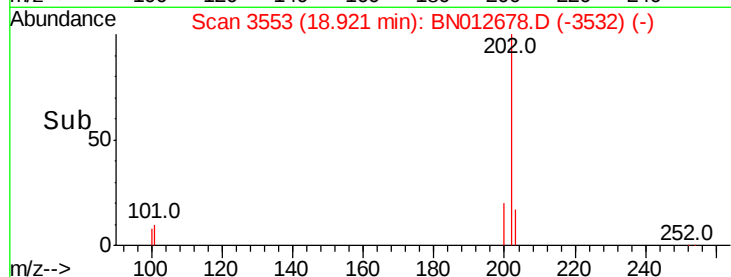
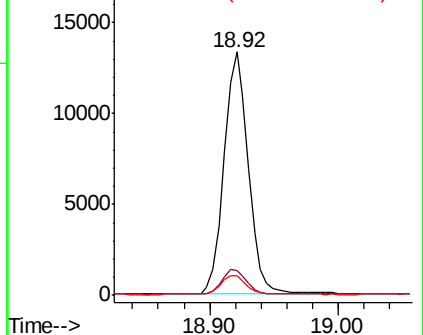
100 8.0 0.0 28.4



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

Pyrene

Concen: 0.787 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

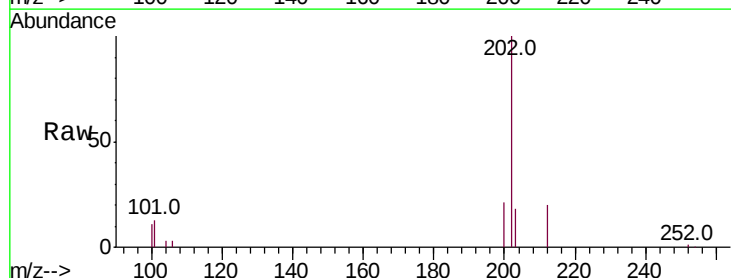
Tgt Ion:202 Resp: 15961

Ion Ratio Lower Upper

202 100

101 12.8 8.9 13.3

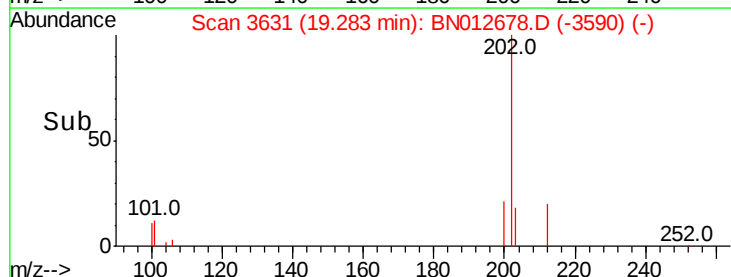
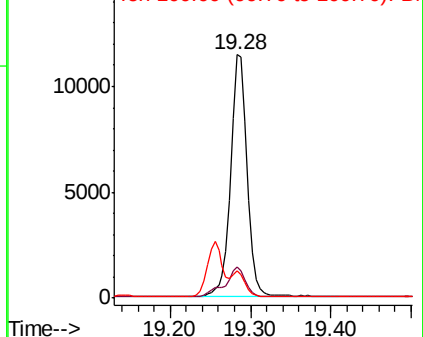
100 11.2 7.4 11.2#

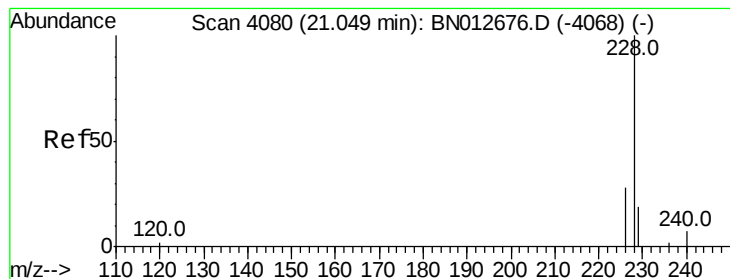


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.492 ng/ul

RT: 21.05 min Scan# 4080

Delta R.T. -0.00 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

Instrument :

BNA_N

ClientSampleId :

C0B32DL

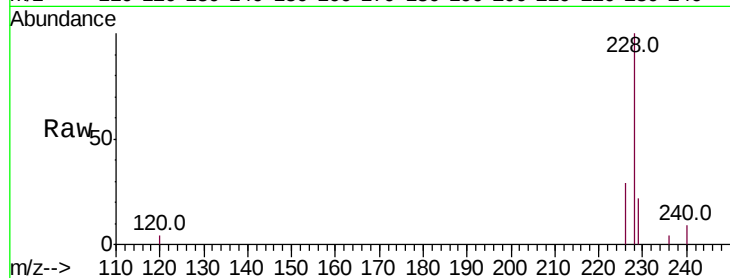
Tot Ion:228 Resp: 7991

Ion Ratio Lower Upper

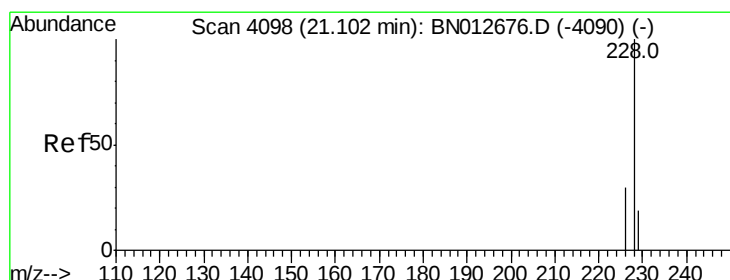
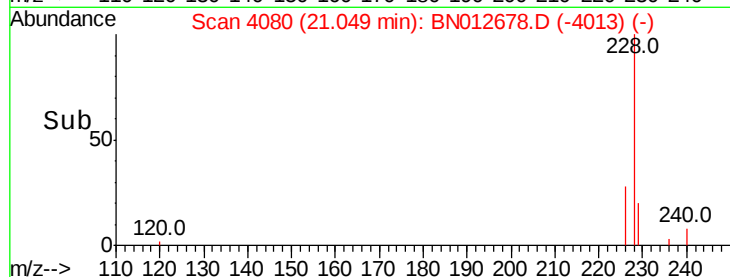
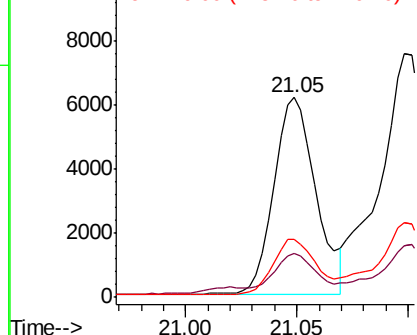
228 100

229 21.7 16.9 25.3

226 29.1 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: 0.574 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

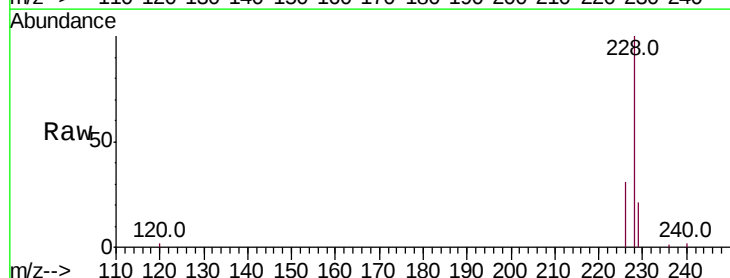
Tgt Ion:228 Resp: 11640

Ion Ratio Lower Upper

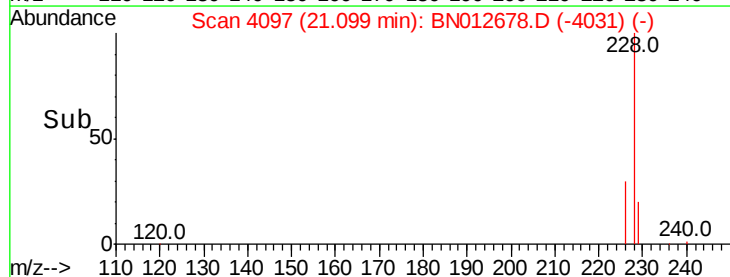
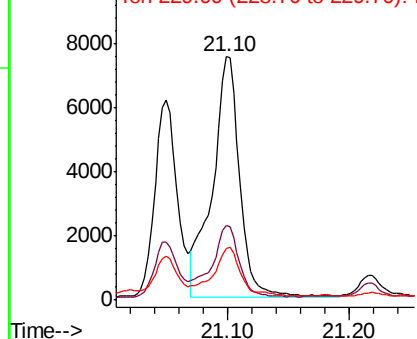
228 100

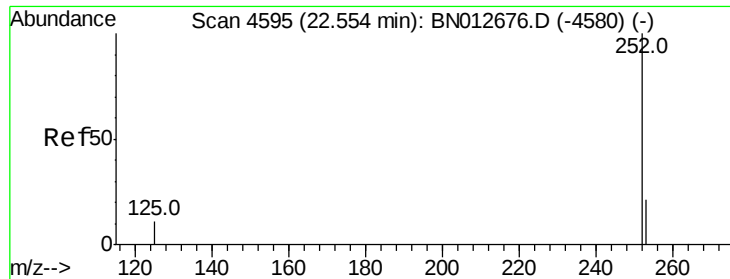
226 30.8 24.4 36.6

229 21.1 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: 1.088 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

Instrument :

BNA_N

ClientSampleId :

C0B32DL

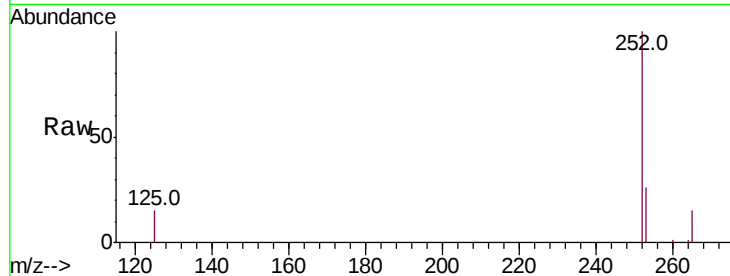
Tot Ion:252 Resp: 23309

Ion Ratio Lower Upper

252 100

253 26.1 0.0 58.4

125 14.5 0.0 28.6

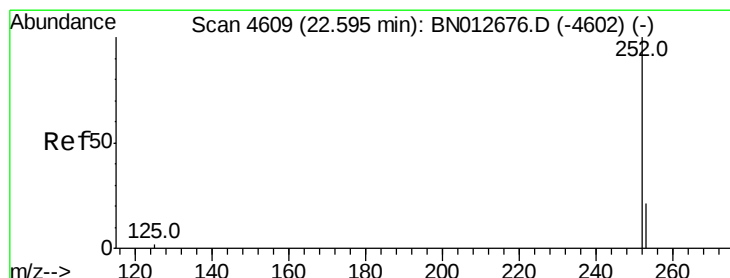
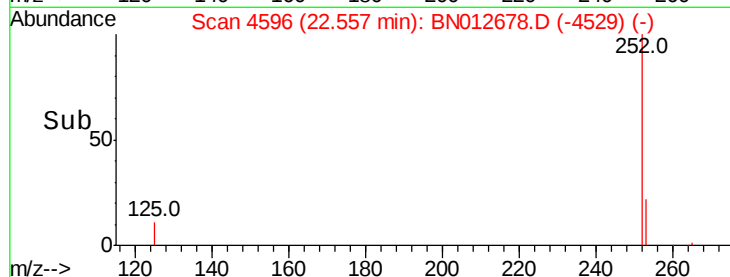
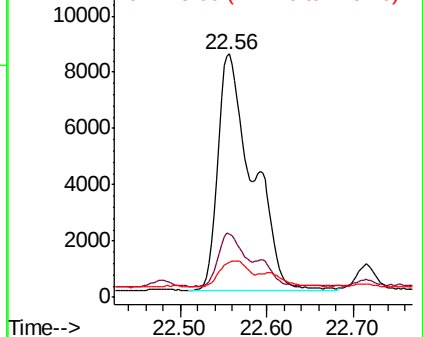


Abundance

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: 0.945 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.04 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

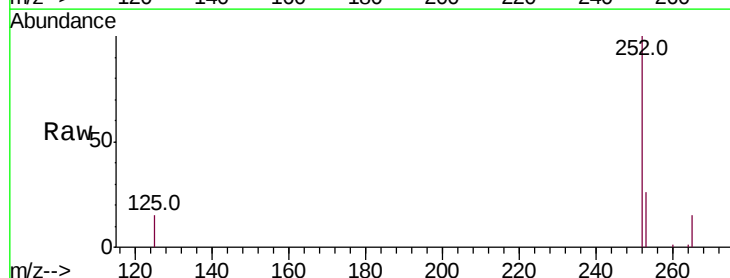
Tgt Ion:252 Resp: 23352

Ion Ratio Lower Upper

252 100

253 26.1 23.4 35.2

125 14.5 10.2 15.2

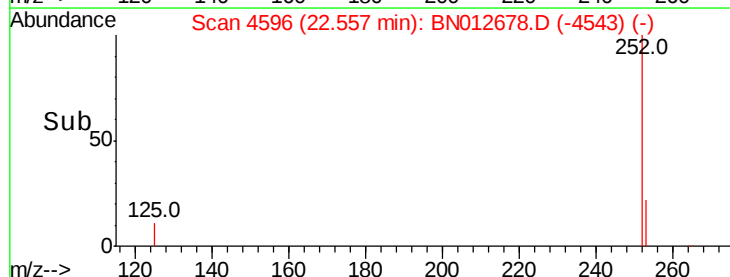
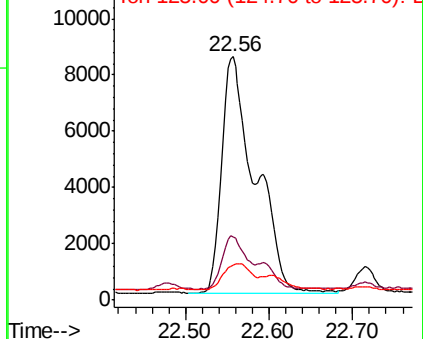


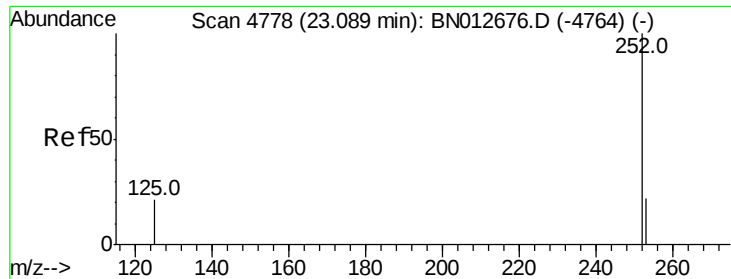
Abundance

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: 0.279 ng/ul

RT: 23.00 min Scan# 4748

Delta R.T. -0.09 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

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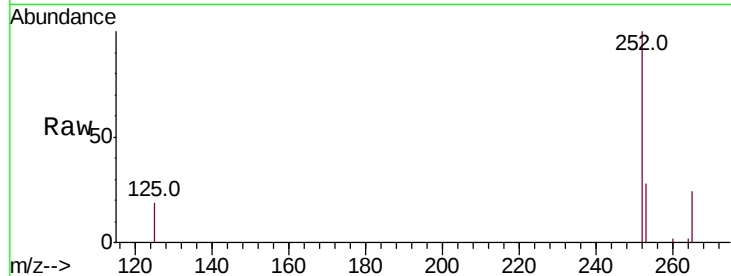
Tot Ion:252 Resp: 5623

Ion Ratio Lower Upper

252 100

253 28.2 27.6 41.4

125 19.3 17.0 25.4

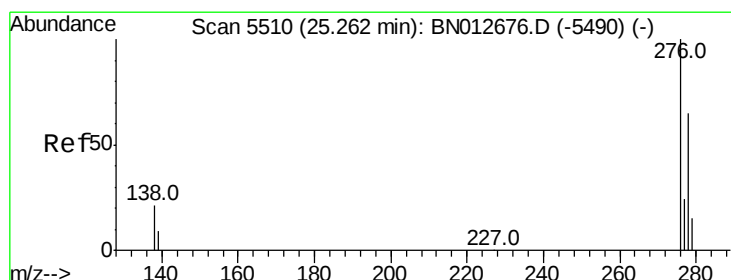
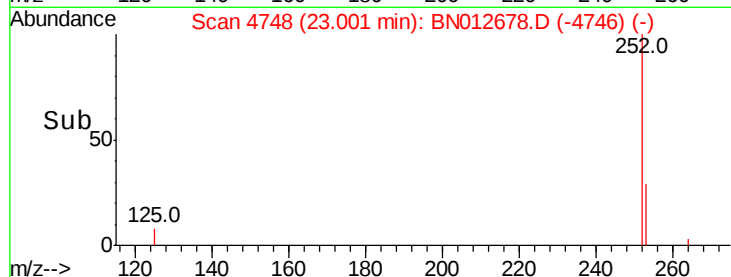
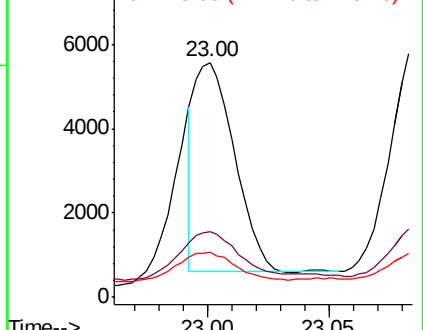


Abundance

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: 0.317 ng/ul

RT: 25.26 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

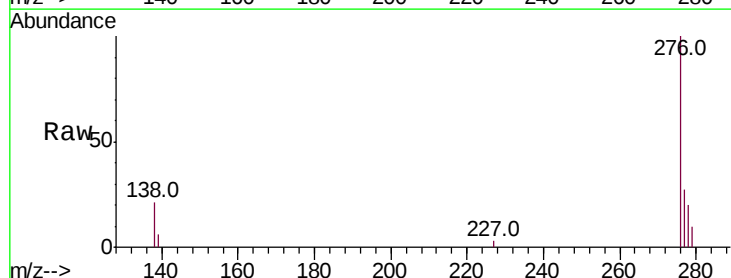
Tgt Ion:276 Resp: 8368

Ion Ratio Lower Upper

276 100

138 19.0 16.5 24.7

227 0.1 0.1 0.1

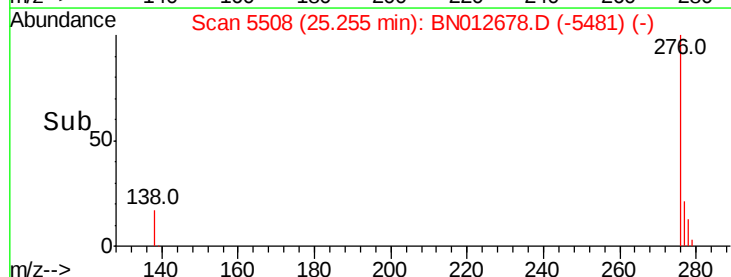
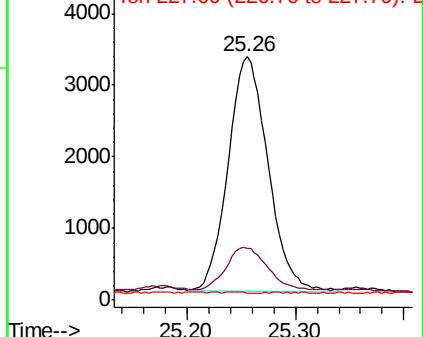


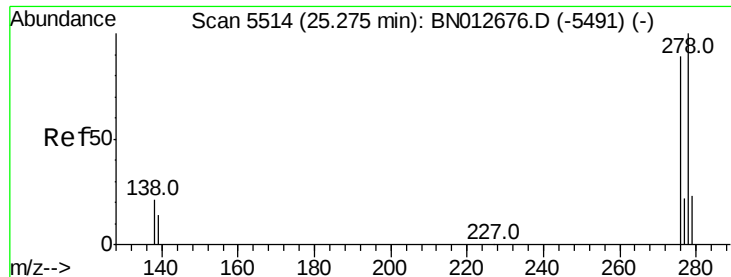
Abundance

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: 0.089 ng/u1

RT: 25.27 min Scan# 5511

Delta R.T. -0.02 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

Instrument :

BNA_N

ClientSampleId :

C0B32DL

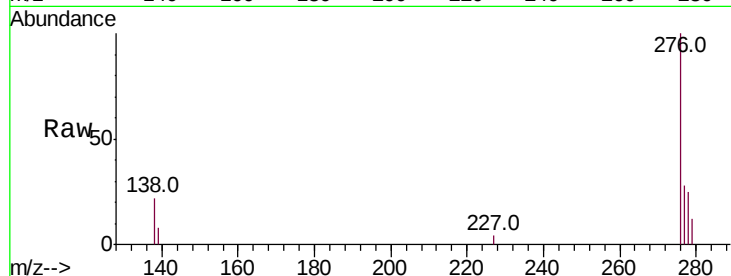
Tot Ion:278 Resp: 1886

Ion Ratio Lower Upper

278 100

139 31.5 13.8 20.8#

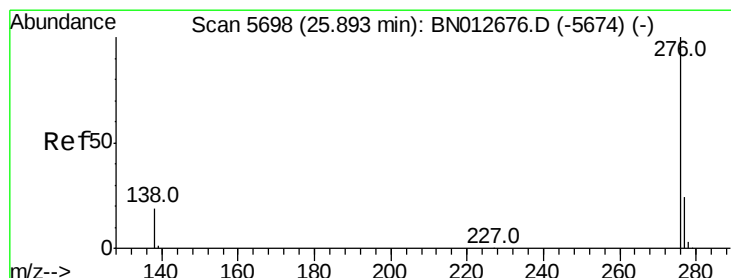
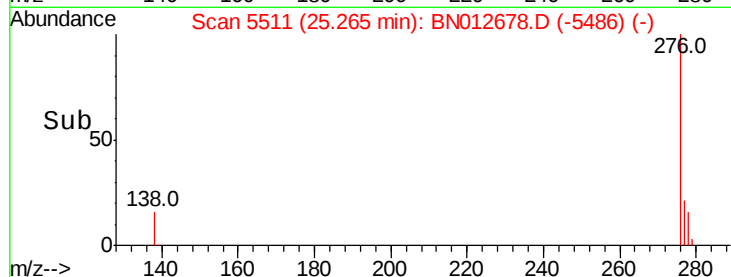
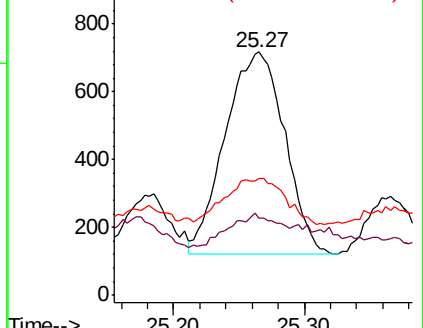
279 48.2 25.6 38.4#



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(g,h,i)perylene

Concen: 0.340 ng/u1

RT: 25.89 min Scan# 5697

Delta R.T. -0.01 min

Lab File: BN012678.D

Acq: 21 Nov 2020 10:01

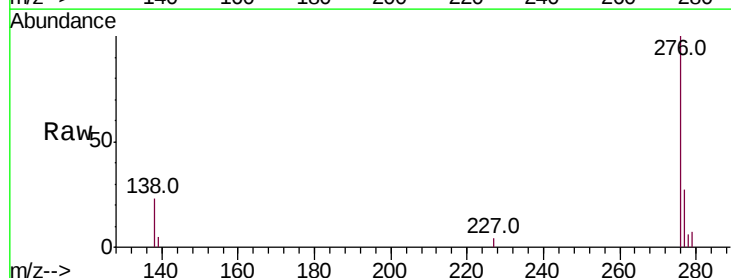
Tgt Ion:276 Resp: 8065

Ion Ratio Lower Upper

276 100

138 23.1 16.3 24.5

277 27.0 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

