

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012803.D
 Acq On : 02 Dec 2020 04:29
 Operator : CG/JU
 Sample : L4793-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B48

Quant Time: Dec 02 05:09:46 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 : Wed Dec 02 05:08:42 2020
 Response via : Initial Calibration

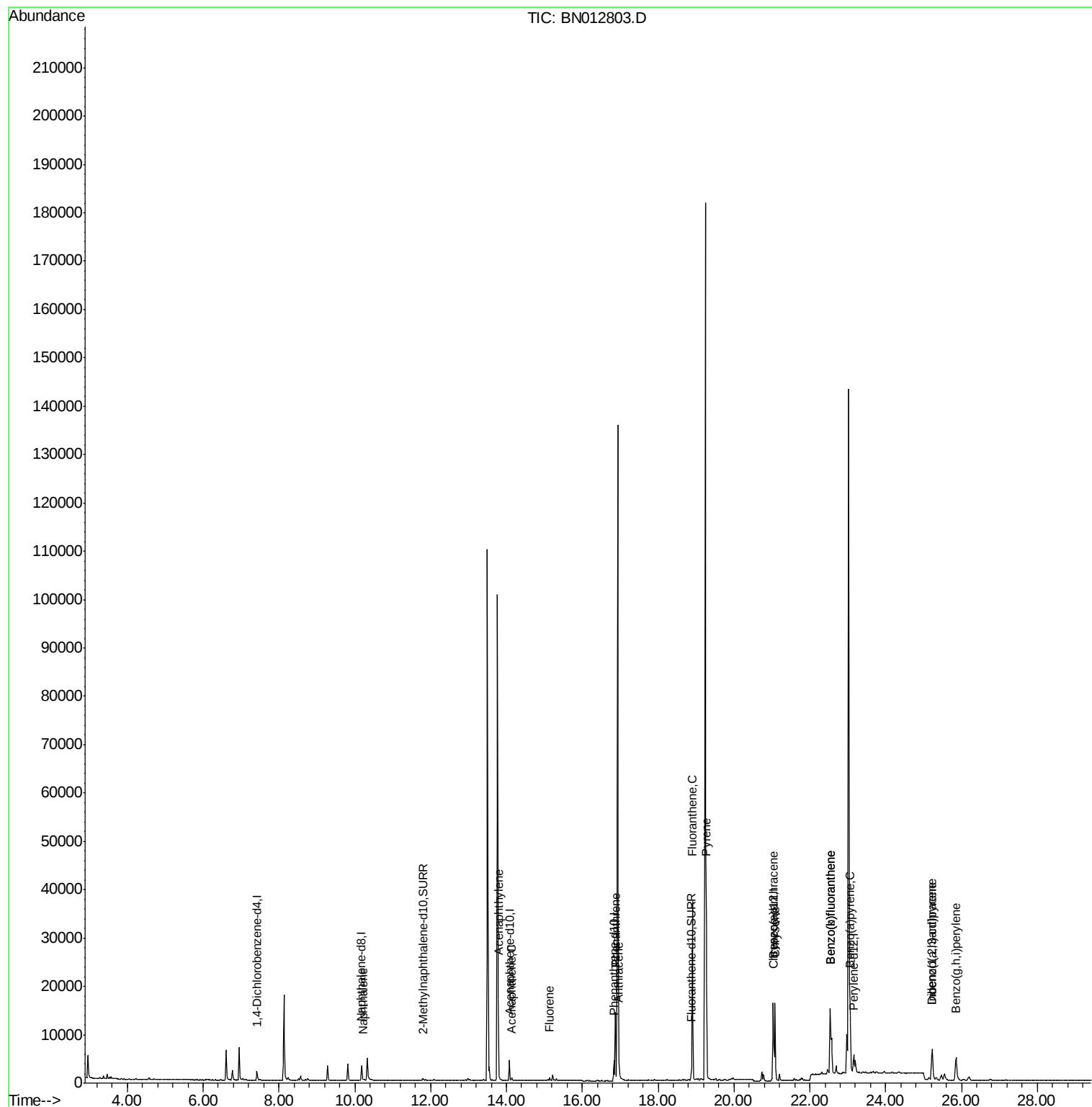
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	954	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3910	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2299	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4926	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4241	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	4353	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	625	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1562	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	268	0.023	ng/ul#	54
7) Acenaphthylene	13.79	152	319	0.028	ng/ul#	63
8) Acenaphthene	14.14	153	366	0.039	ng/ul	94
9) Fluorene	15.14	166	458	0.044	ng/ul#	95
12) Phenanthrene	16.87	178	14655	0.855	ng/ul	97
13) Anthracene	16.97	178	2603	0.175	ng/ul	99
15) Fluoranthene	18.90	202	32216	1.628	ng/ul	98
17) Pyrene	19.27	202	29368	1.548	ng/ul	99
18) Benzo(a)anthracene	21.03	228	13068	0.860	ng/ul	98
19) Chrysene	21.08	228	15461	0.814	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	29050	1.451	ng/ul	92
22) Benzo(k)fluoranthene	22.54	252	29050	1.258	ng/ul	93
23) Benzo(a)pyrene	23.06	252	13428	0.712	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.22	276	9815	0.398	ng/ul#	56
25) Dibenzo(a,h)anthracene	25.23	278	2308	0.117	ng/ul#	84
26) Benzo(a,h,i)perylene	25.86	276	9383	0.423	ng/ul	98

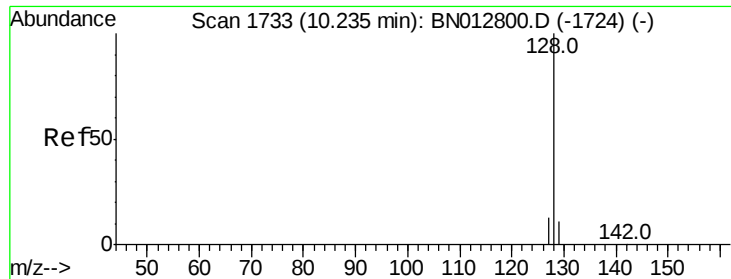
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 05:08:42 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

ClientSampleId :

C0B48

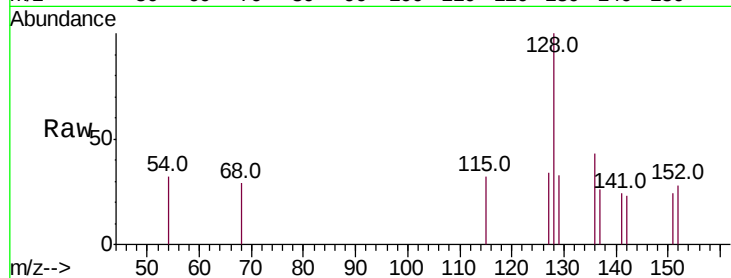
Tot Ion:128 Resp: 268

Ion Ratio Lower Upper

128 100

129 33.0 11.2 16.8#

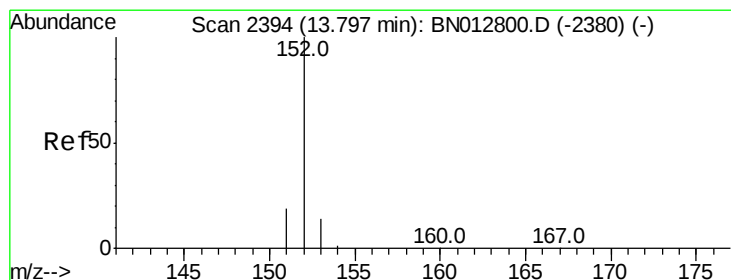
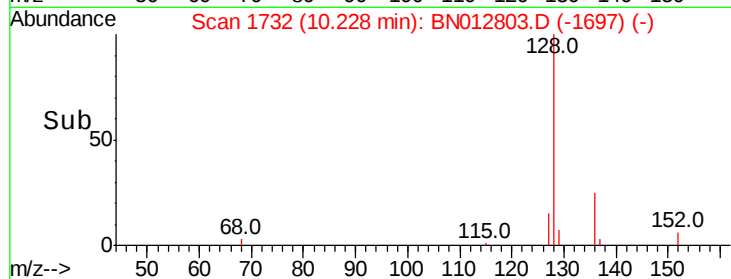
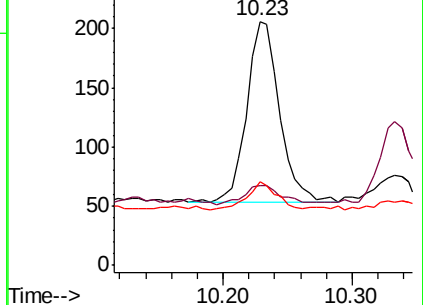
127 34.5 12.5 18.7#



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: 0.028 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

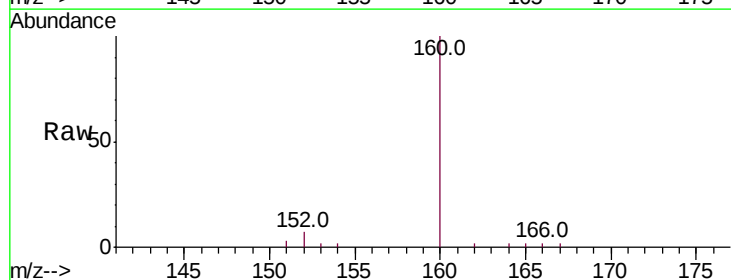
Tgt Ion:152 Resp: 319

Ion Ratio Lower Upper

152 100

151 37.6 17.1 25.7#

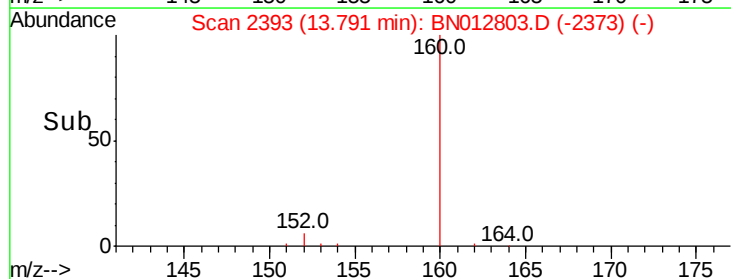
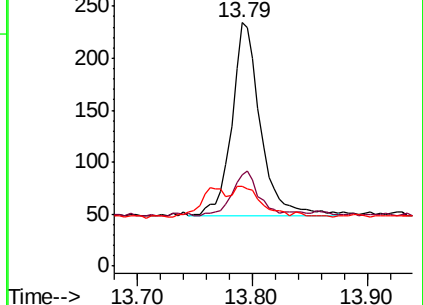
153 32.9 12.6 19.0#

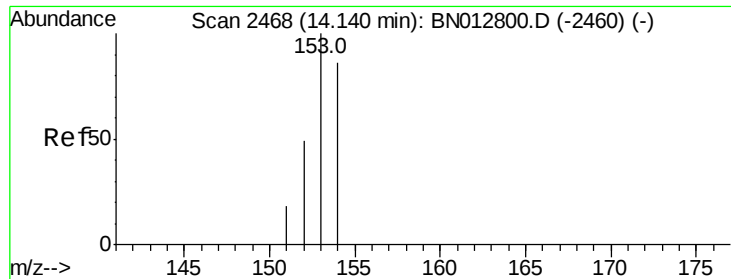


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.14 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

ClientSampleId :

C0B48

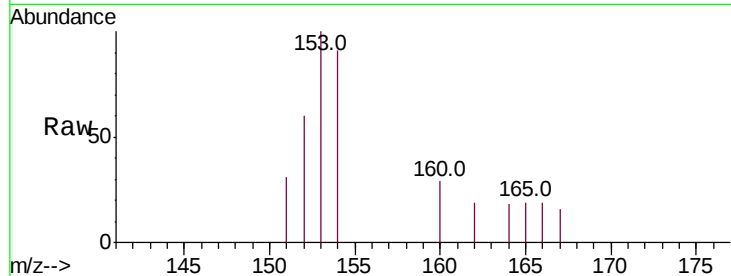
Tot Ion:153 Resp: 366

Ion Ratio Lower Upper

153 100

152 59.8 41.4 62.0

154 91.4 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

14.14

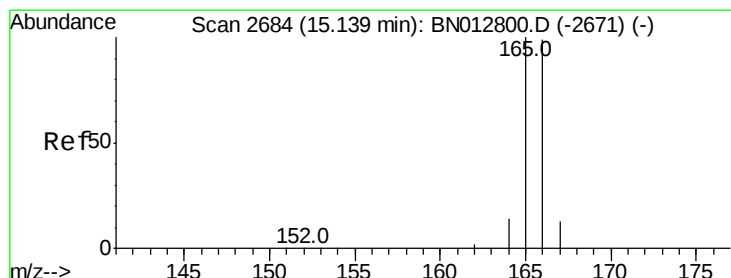
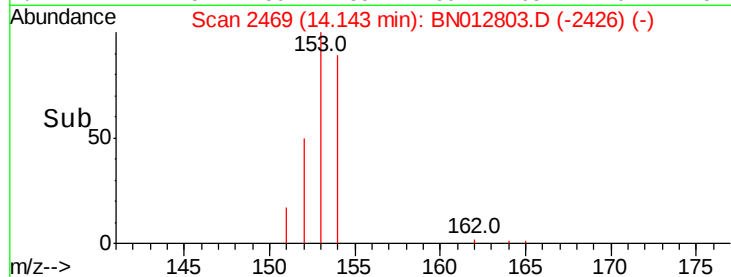
300

200

100

0

Time-->



#9

Fluorene

Concen: 0.044 ng/ul

RT: 15.14 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

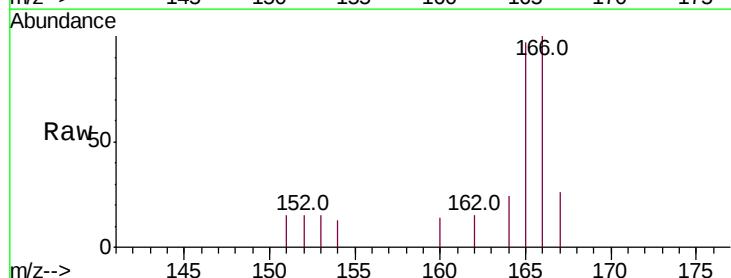
Tgt Ion:166 Resp: 458

Ion Ratio Lower Upper

166 100

165 96.7 78.5 117.7

167 26.3 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

15.14

500

400

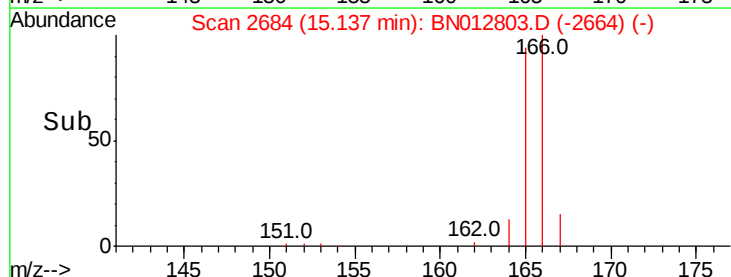
300

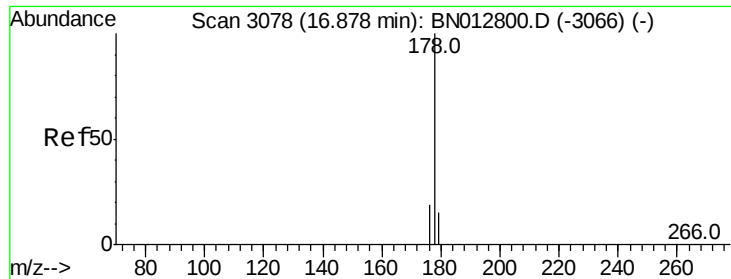
200

100

0

Time-->





#12

Phenanthrene

Concen: 0.855 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

ClientSampleId :

C0B48

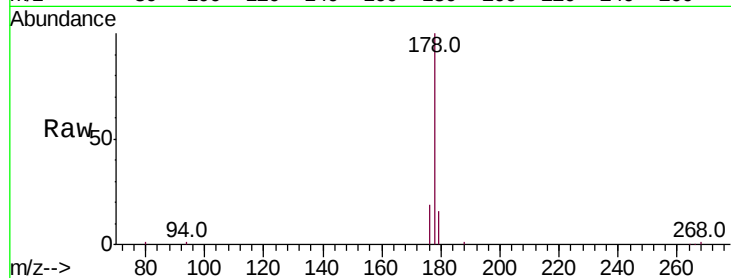
Tot Ion:178 Resp: 14655

Ion Ratio Lower Upper

178 100

179 15.8 13.8 20.6

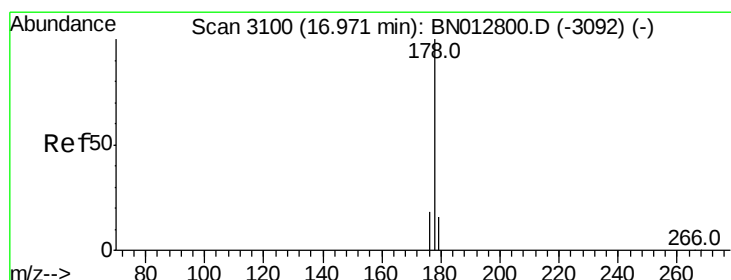
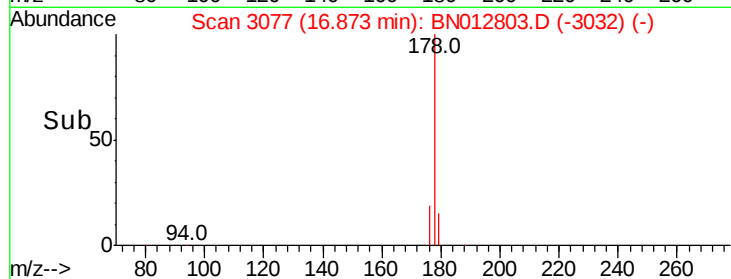
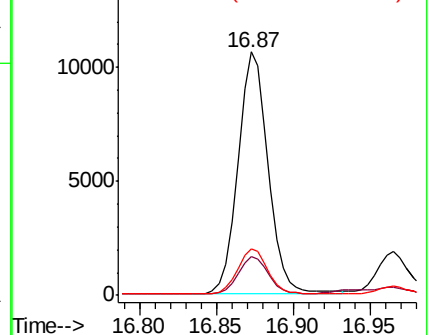
176 19.2 16.7 25.1



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: 0.175 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

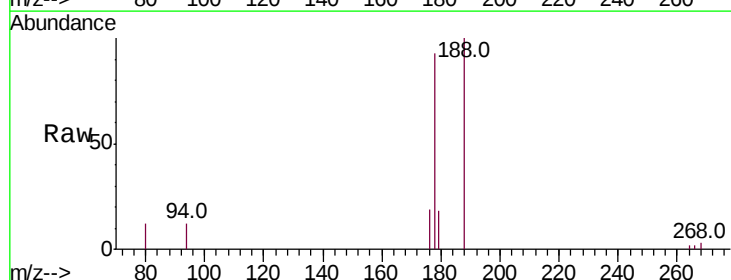
Tgt Ion:178 Resp: 2603

Ion Ratio Lower Upper

178 100

179 19.4 14.8 22.2

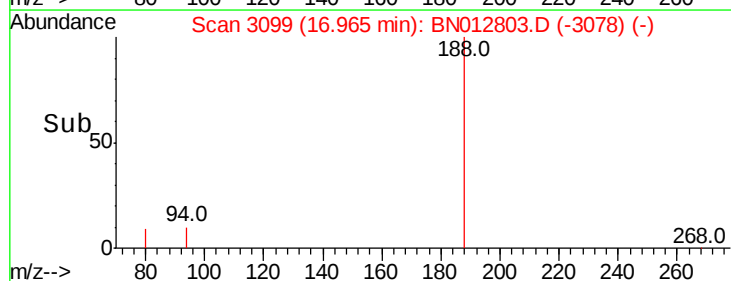
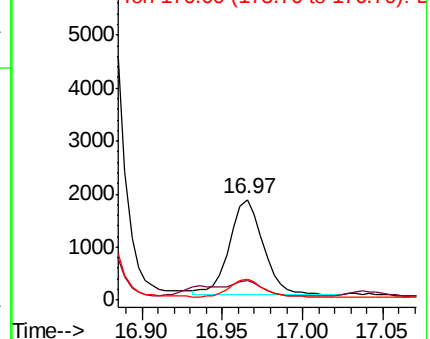
176 20.7 16.3 24.5

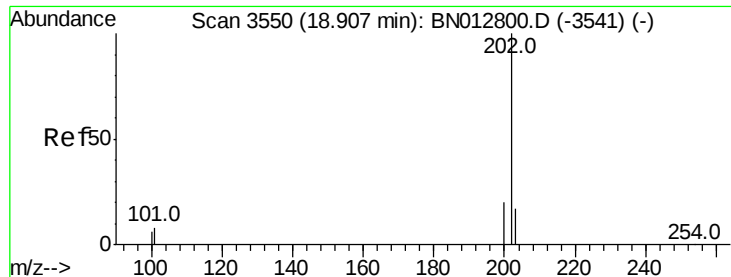


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.628 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

ClientSampleId :

C0B48

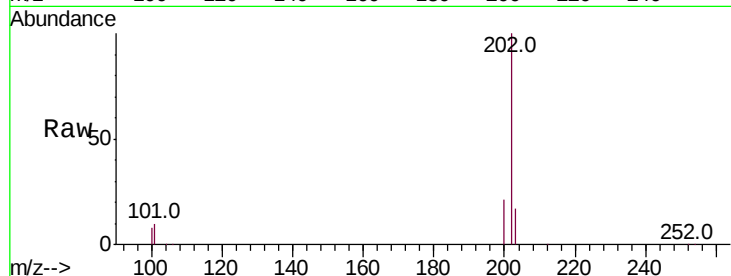
Tot Ion:202 Resp: 32216

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.5

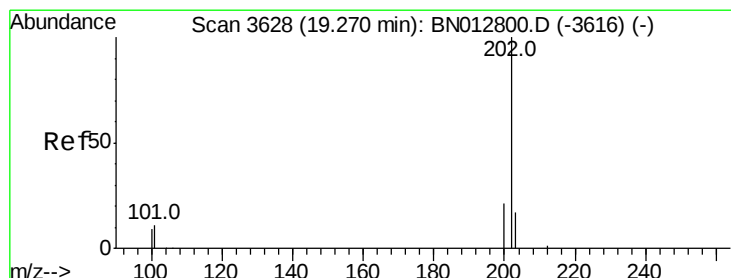
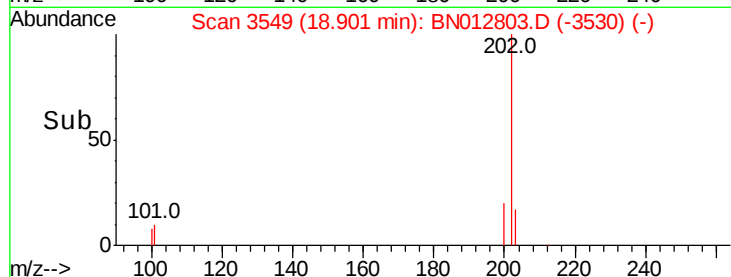
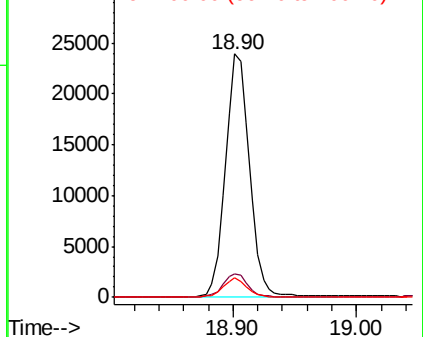
100 7.8 0.0 28.4



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: 1.548 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

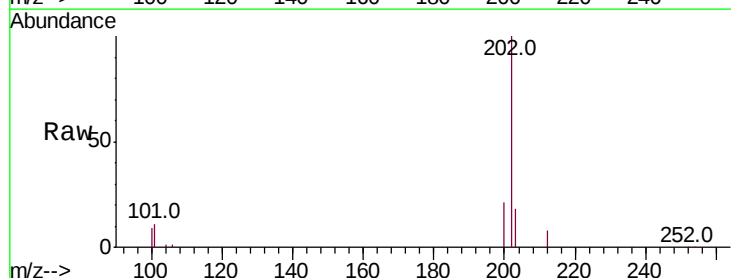
Tgt Ion:202 Resp: 29368

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

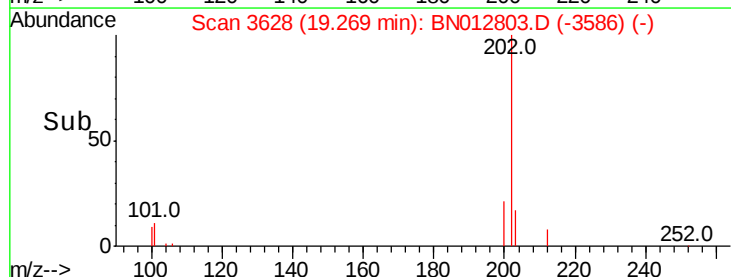
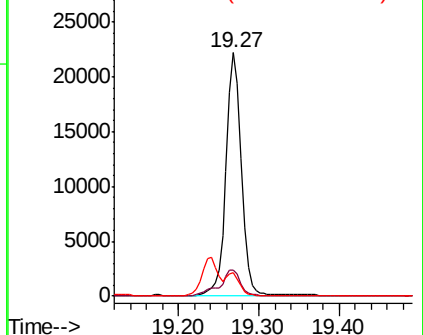
100 9.4 7.4 11.2

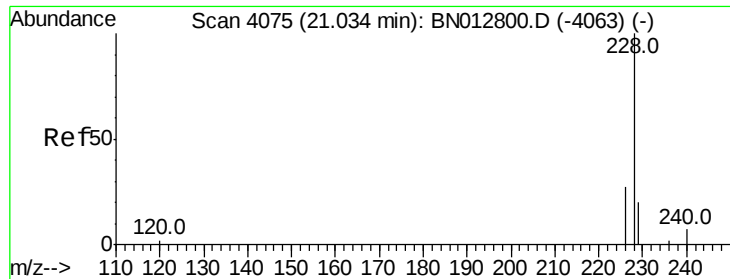


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.860 ng/ul

RT: 21.03 min Scan# 4075

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

ClientSampleId :

C0B48

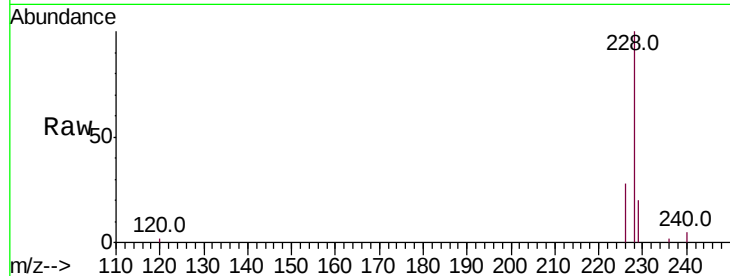
Tot Ion:228 Resp: 13068

Ion Ratio Lower Upper

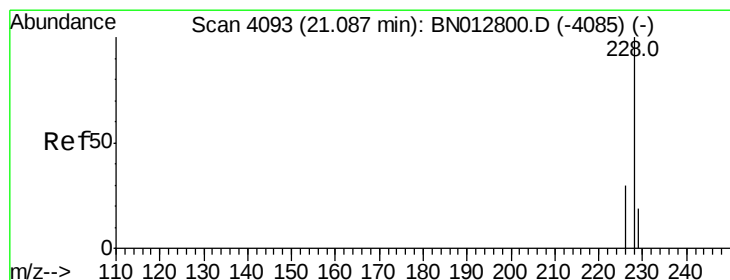
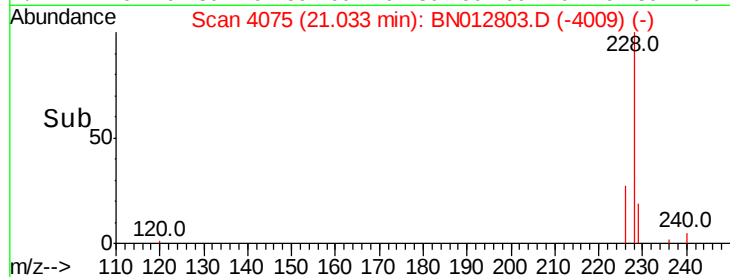
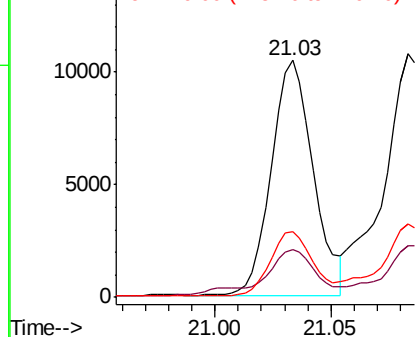
228 100

229 20.3 16.9 25.3

226 28.0 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: 0.814 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

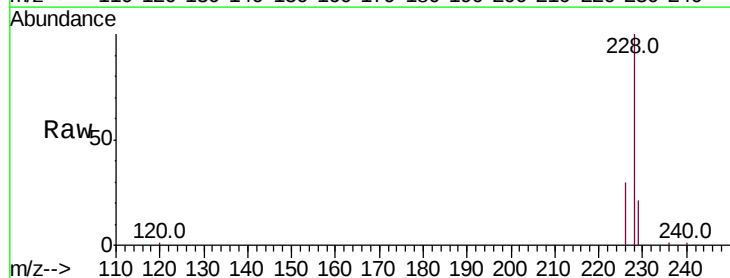
Tgt Ion:228 Resp: 15461

Ion Ratio Lower Upper

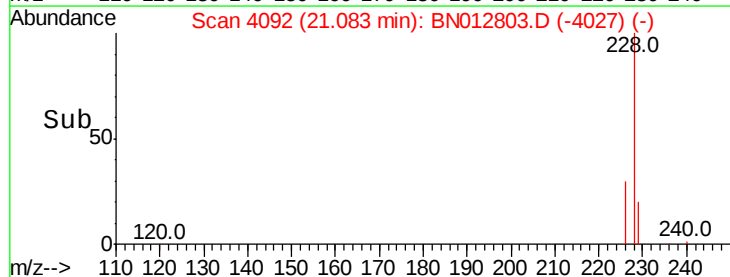
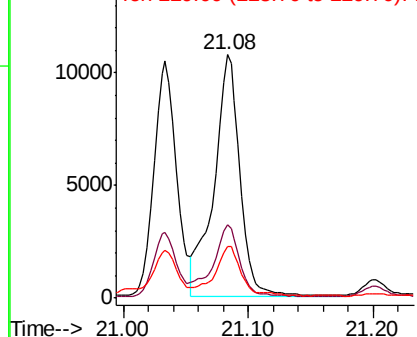
228 100

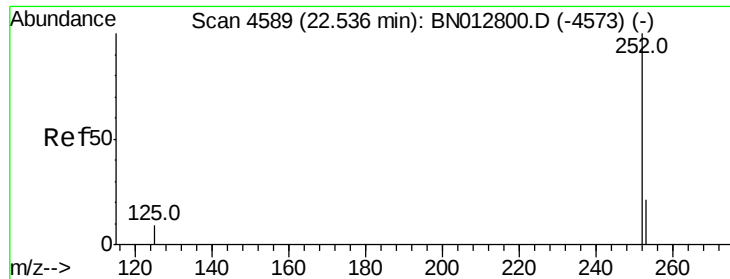
226 30.0 24.4 36.6

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: 1.451 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

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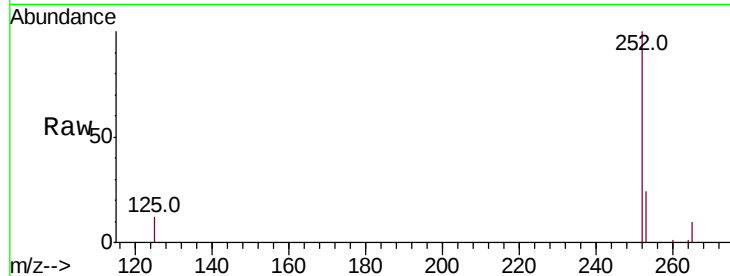
Tot Ion:252 Resp: 29050

Ion Ratio Lower Upper

252 100

253 24.5 0.0 58.4

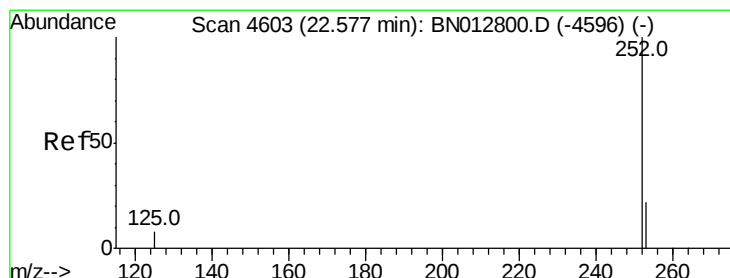
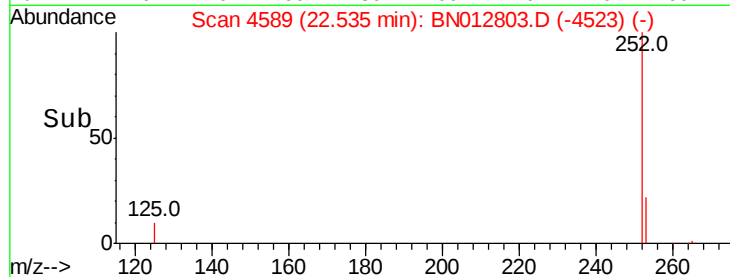
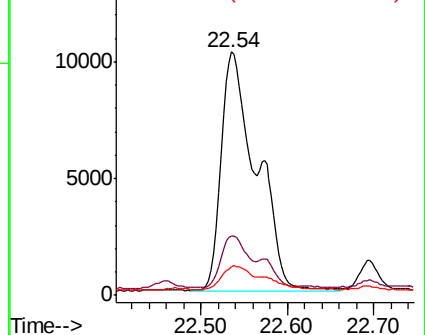
125 11.6 0.0 28.6



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: 1.258 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.05 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

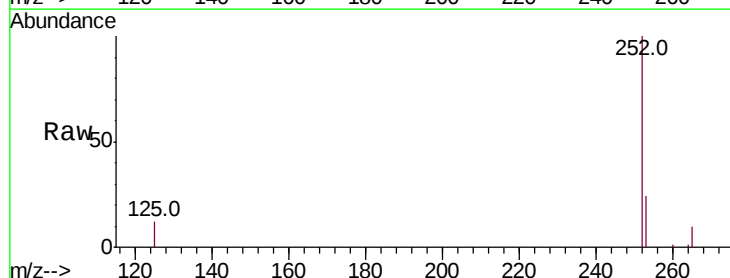
Tgt Ion:252 Resp: 29050

Ion Ratio Lower Upper

252 100

253 24.5 23.4 35.2

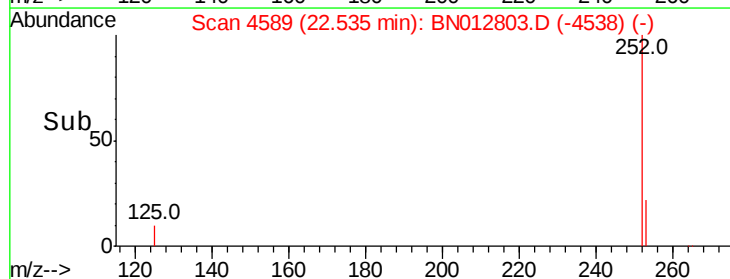
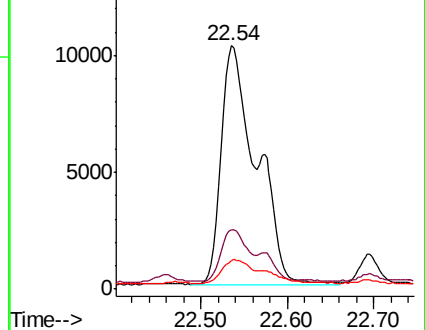
125 11.6 10.2 15.2

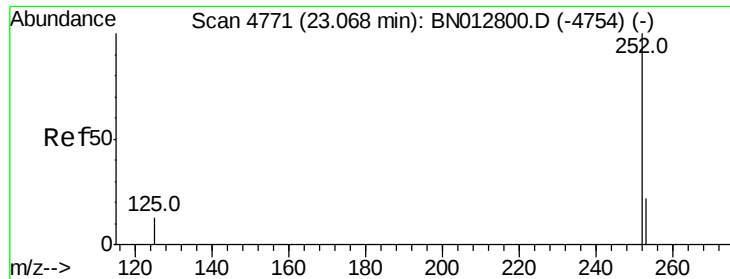


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.712 ng/ul

RT: 23.06 min Scan# 4770

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

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C0B48

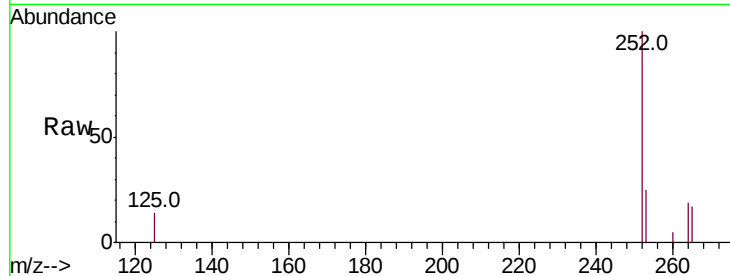
Tot Ion:252 Resp: 13428

Ion Ratio Lower Upper

252 100

253 25.5 27.6 41.4#

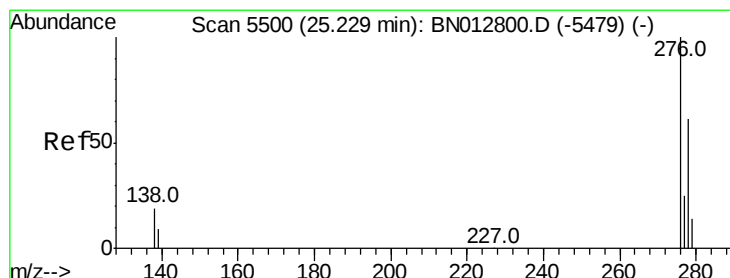
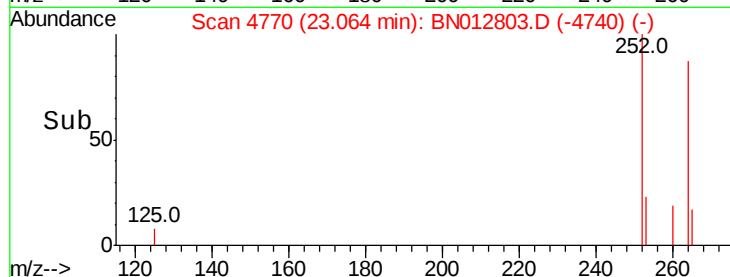
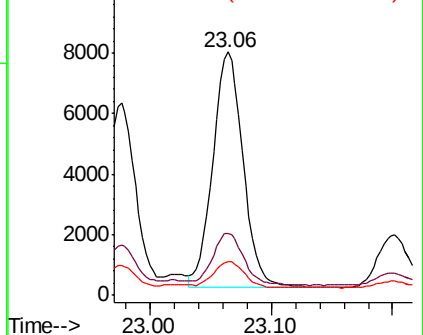
125 14.0 17.0 25.4#



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: 0.398 ng/ul

RT: 25.22 min Scan# 5499

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

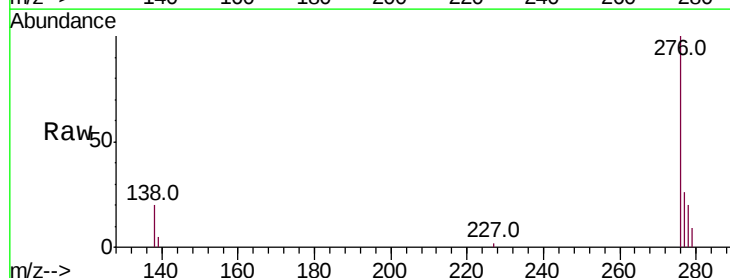
Tgt Ion:276 Resp: 9815

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

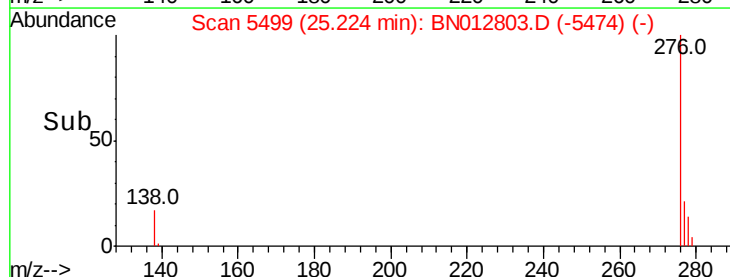
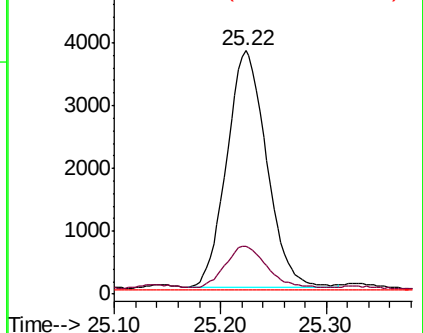
227 0.1 0.1 0.1

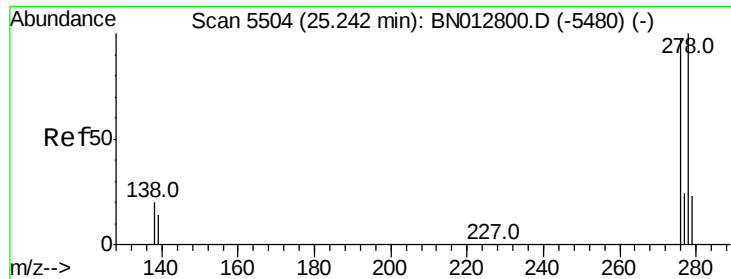


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

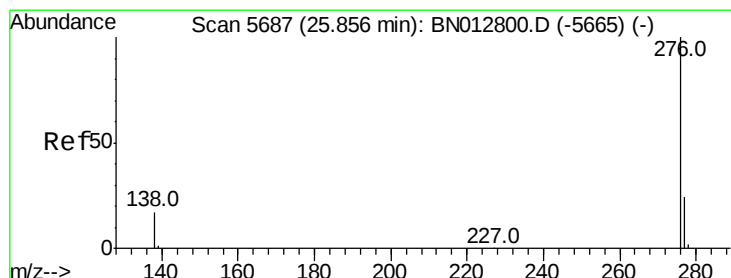
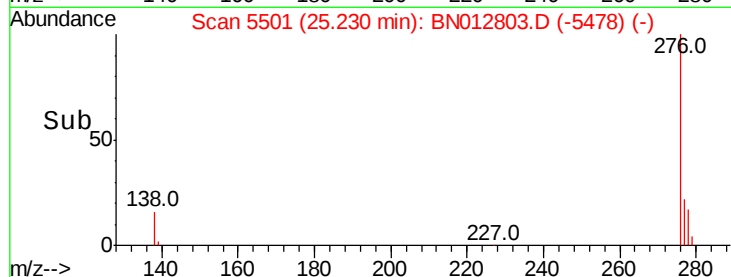
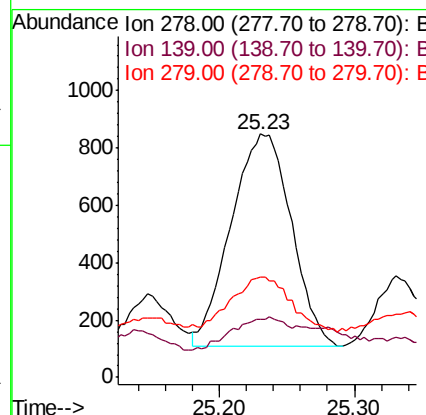
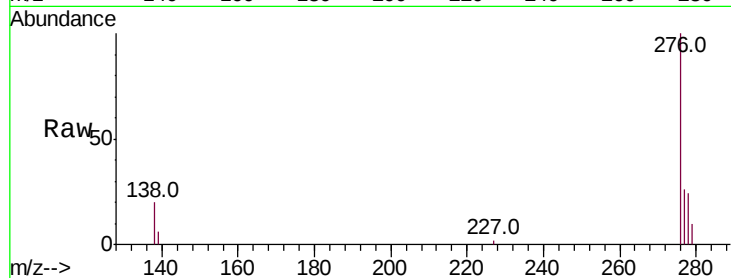




#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/u1
RT: 25.23 min Scan# 5501
Delta R.T. -0.02 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Instrument :
BNA_N
ClientSampleId :
C0B48

Tot Ion:278 Resp: 2308
Ion Ratio Lower Upper
278 100
139 24.0 13.8 20.8#
279 41.3 25.6 38.4#



#26
Benzo(g,h,i)perylene
Concen: 0.423 ng/u1
RT: 25.86 min Scan# 5688
Delta R.T. -0.01 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Tgt Ion:276 Resp: 9383
Ion Ratio Lower Upper
276 100
138 20.2 16.3 24.5
277 25.7 21.8 32.8

