

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012861.D
 Acq On : 03 Dec 2020 23:44
 Operator : CG/JU
 Sample : L4865-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B77DL

Quant Time: Dec 04 00:19:01 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 : Fri Dec 04 00:14:34 2020
 Response via : Initial Calibration

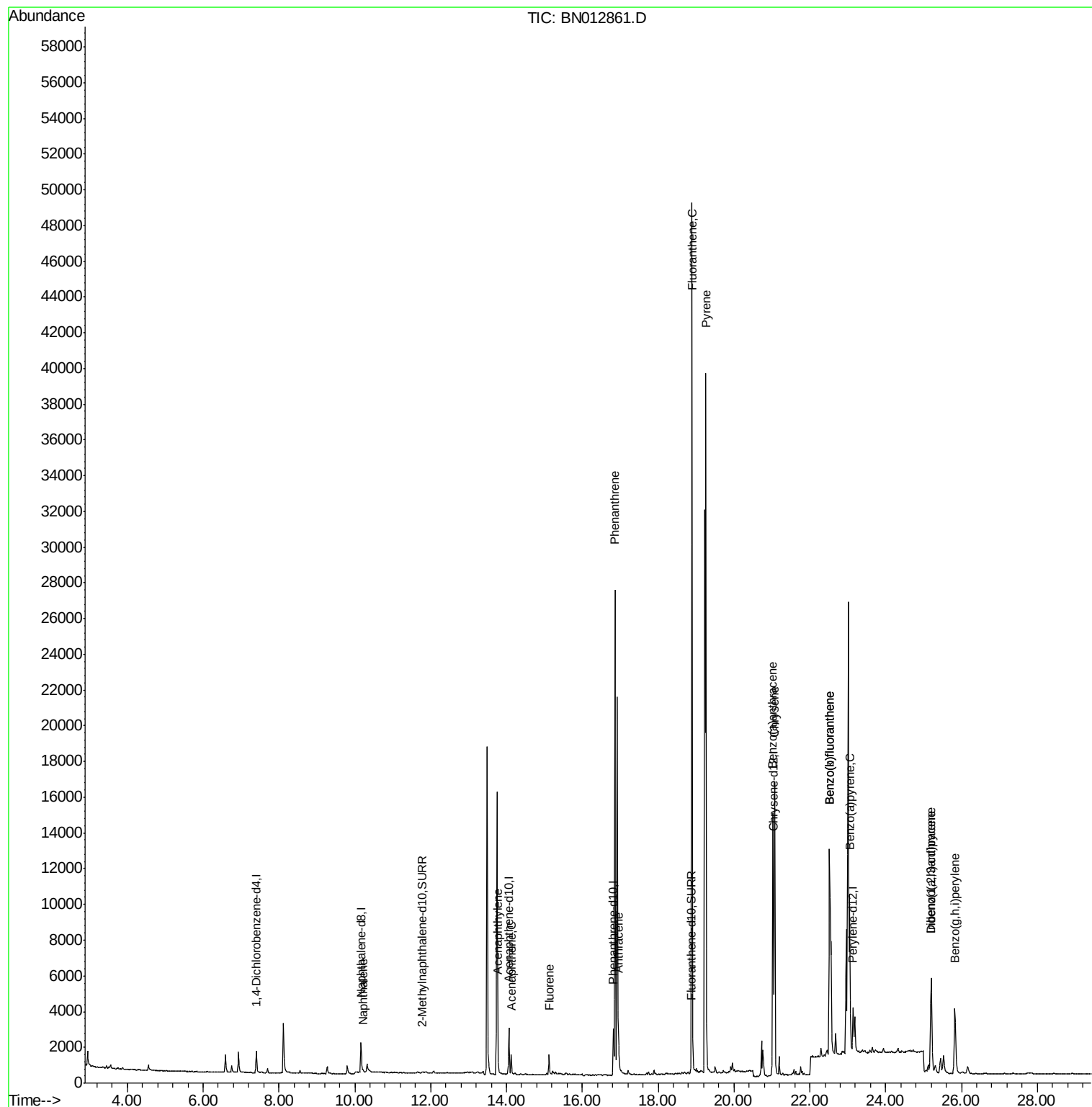
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	2481	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1426	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3056	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2704	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2785	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	115	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	264	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	159	0.022	ng/ul#	44
7) Acenaphthylene	13.78	152	152	0.023	ng/ul#	42
8) Acenaphthene	14.12	153	646	0.117	ng/ul	98
9) Fluorene	15.12	166	740	0.116	ng/ul#	98
12) Phenanthrene	16.86	178	27991	2.732	ng/ul	97
13) Anthracene	16.95	178	2719	0.312	ng/ul	98
15) Fluoranthene	18.89	202	41295	3.392	ng/ul	94
17) Pyrene	19.26	202	33747	2.642	ng/ul	96
18) Benzo(a)anthracene	21.02	228	12295	1.099	ng/ul	99
19) Chrysene	21.07	228	15766	1.275	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	25256	1.960	ng/ul	91
22) Benzo(k)fluoranthene	22.52	252	25256	1.773	ng/ul#	91
23) Benzo(a)pyrene	23.05	252	10910	0.913	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.20	276	7922	0.504	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.20	278	1941	0.156	ng/ul#	87
26) Benzo(a,h,i)perylene	25.83	276	7129	0.502	ng/ul	98

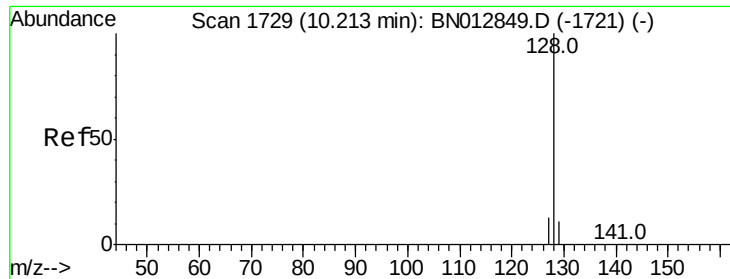
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

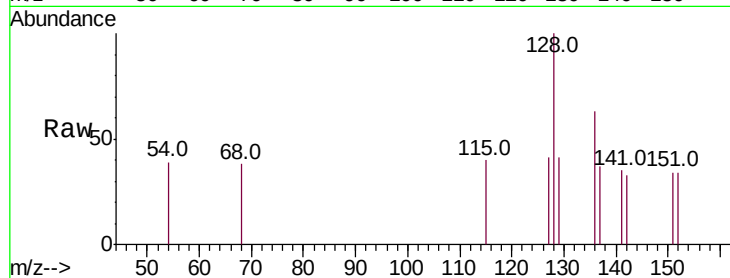
Tot Ion:128 Resp: 159

Ion Ratio Lower Upper

128 100

129 40.8 12.3 18.5#

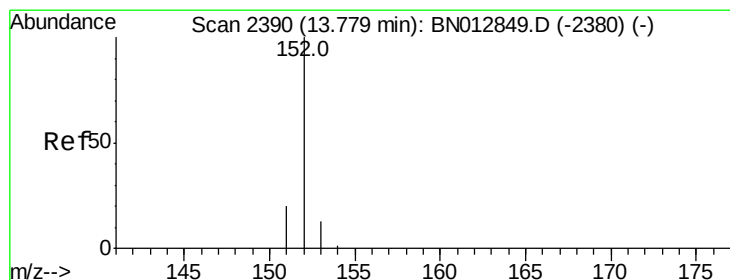
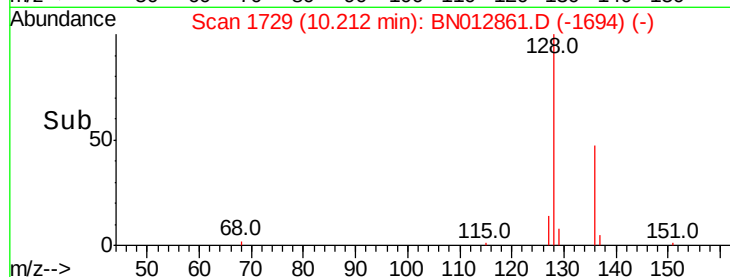
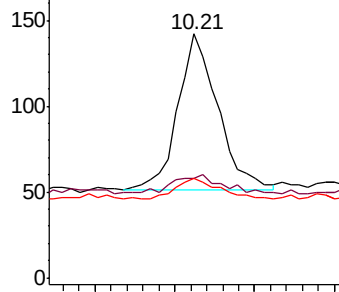
127 40.8 14.2 21.4#



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: 0.023 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

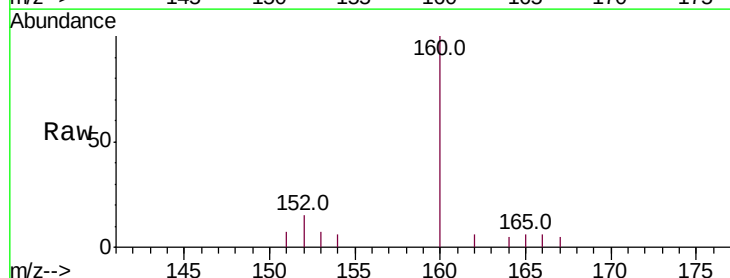
Tgt Ion:152 Resp: 152

Ion Ratio Lower Upper

152 100

151 48.2 18.2 27.4#

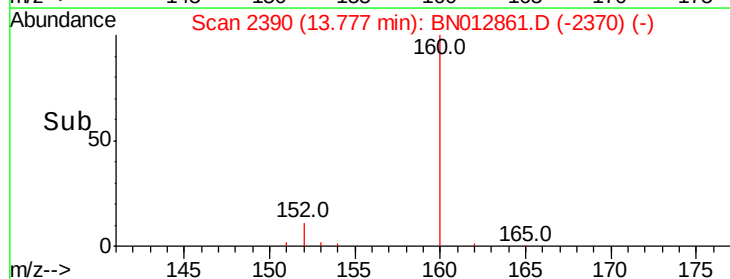
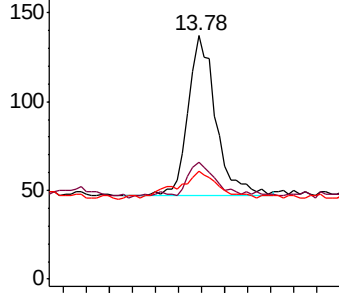
153 44.5 13.1 19.7#

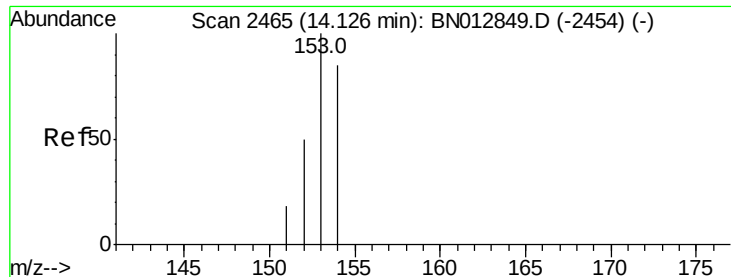


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.117 ng/ul

RT: 14.12 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

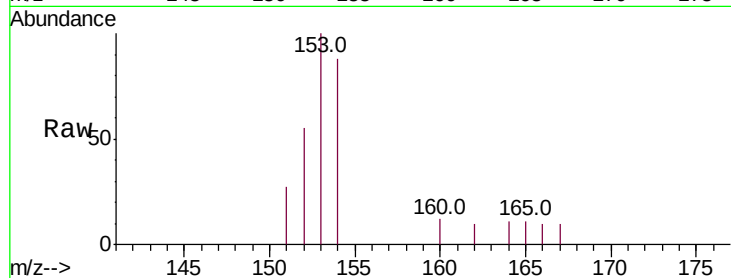
Tot Ion:153 Resp: 646

Ion Ratio Lower Upper

153 100

152 54.6 40.7 61.1

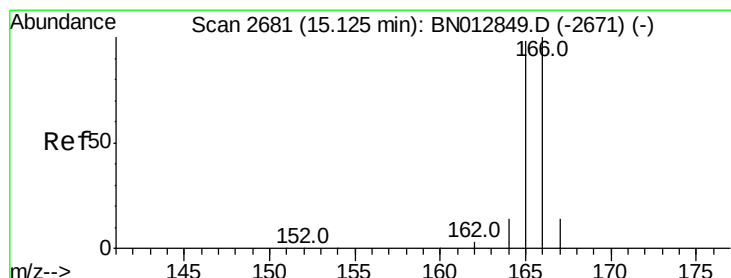
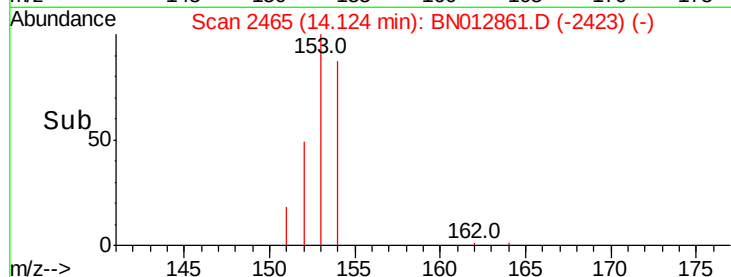
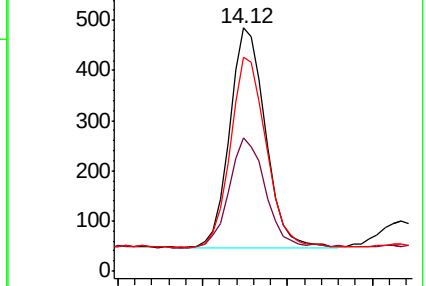
154 88.0 70.8 106.2



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



#9

Fluorene

Concen: 0.116 ng/ul

RT: 15.12 min Scan# 2681

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

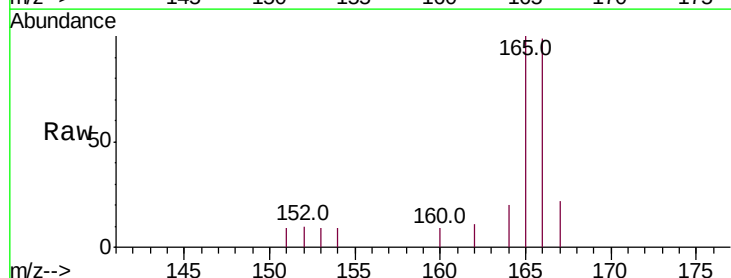
Tgt Ion:166 Resp: 740

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

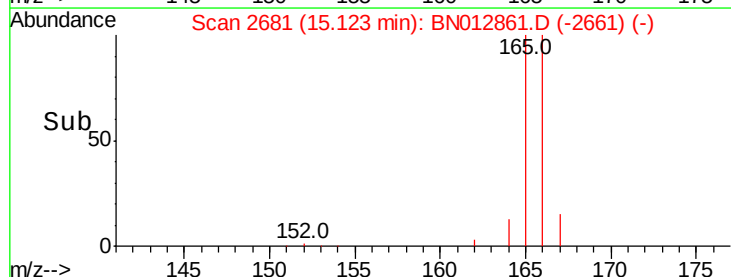
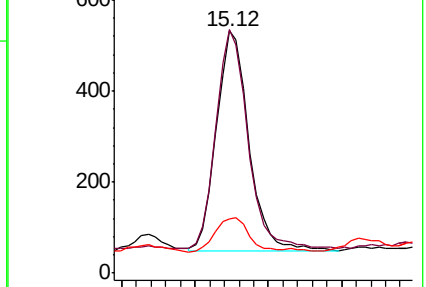
167 22.6 13.8 20.8#

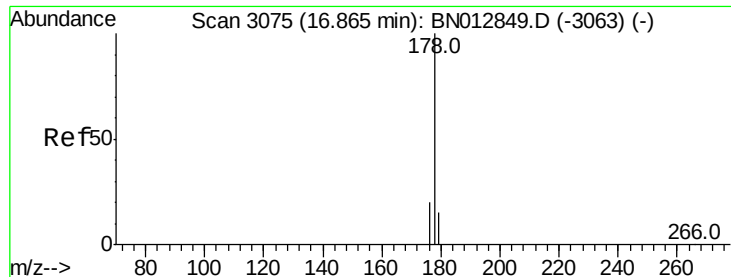


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 2.732 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

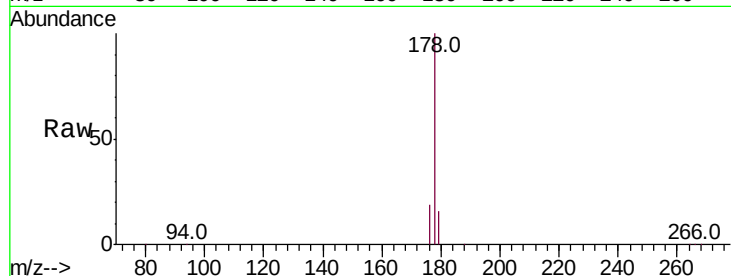
Tot Ion:178 Resp: 27991

Ion Ratio Lower Upper

178 100

179 15.5 13.6 20.4

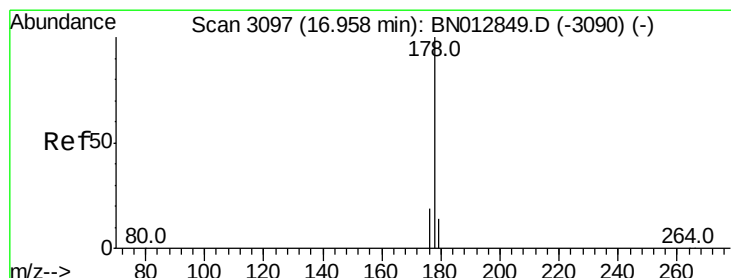
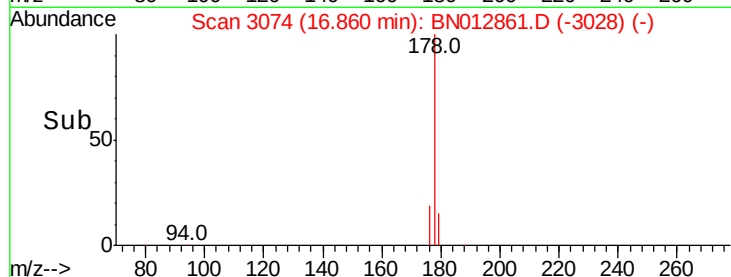
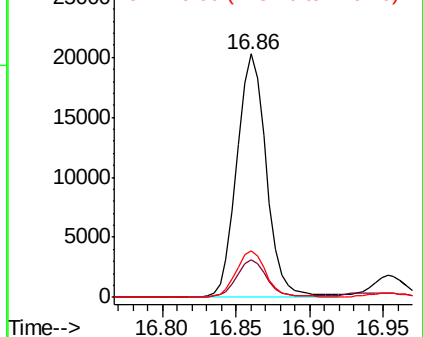
176 19.1 16.4 24.6



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



#13

Anthracene

Concen: 0.312 ng/ul

RT: 16.95 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

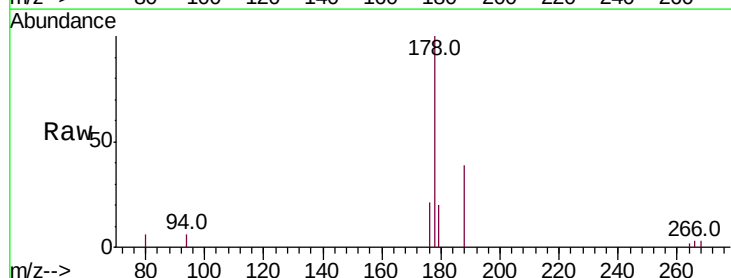
Tgt Ion:178 Resp: 2719

Ion Ratio Lower Upper

178 100

179 19.6 14.6 21.8

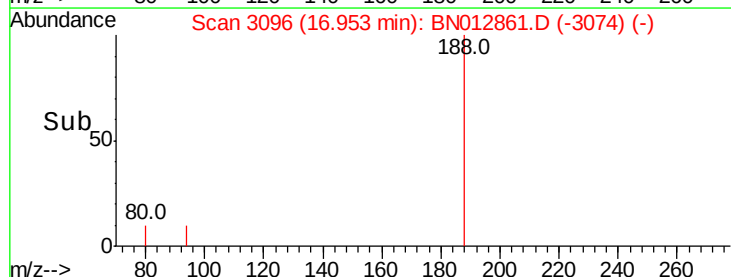
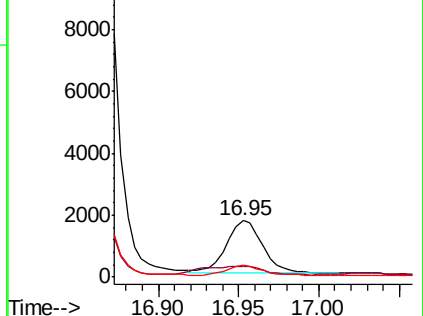
176 20.6 17.1 25.7

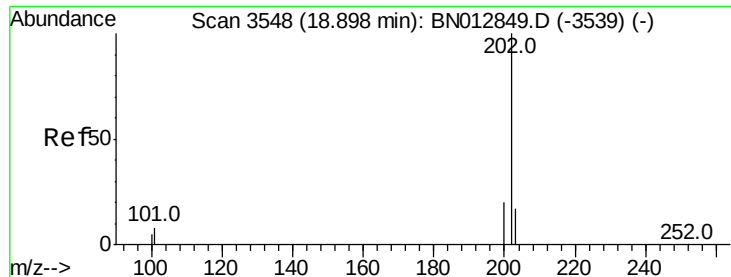


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 3.392 ng/ul

RT: 18.89 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

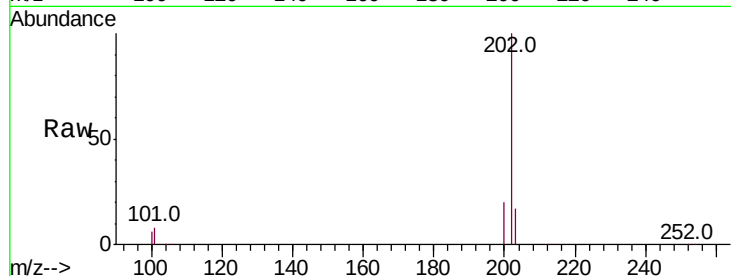
Tot Ion:202 Resp: 41295

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.6

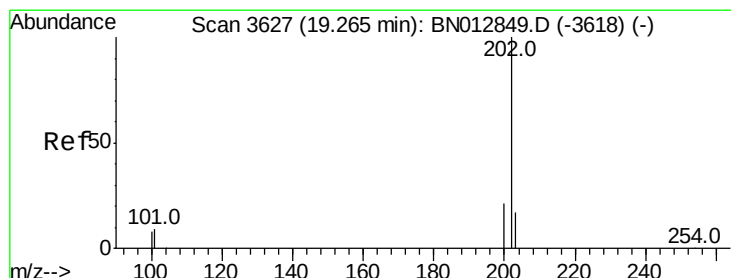
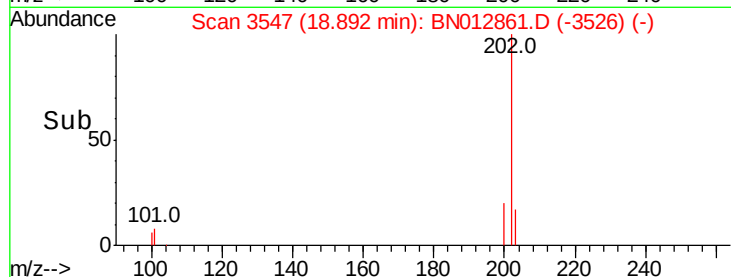
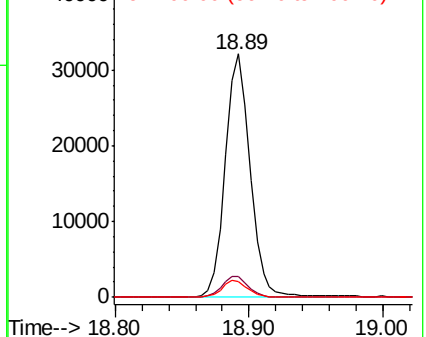
100 6.4 0.0 28.7



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: 2.642 ng/ul

RT: 19.26 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

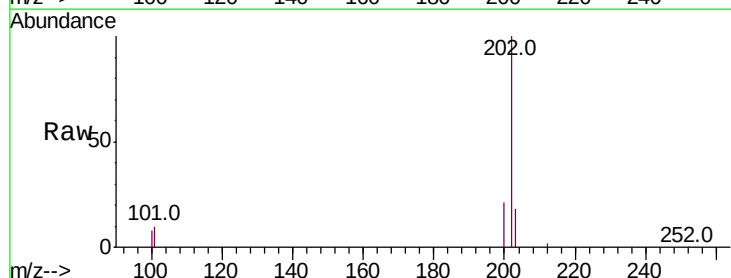
Tgt Ion:202 Resp: 33747

Ion Ratio Lower Upper

202 100

101 9.6 9.1 13.7

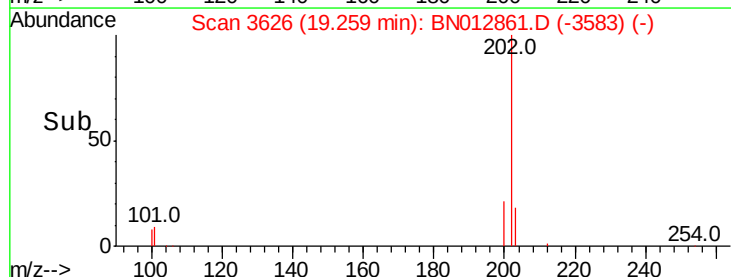
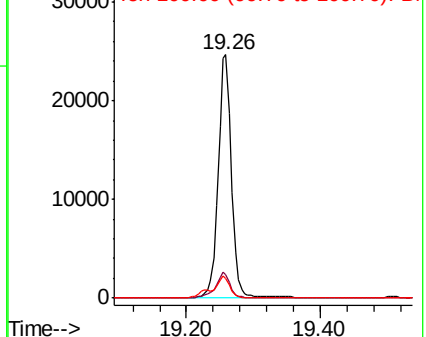
100 8.0 7.5 11.3

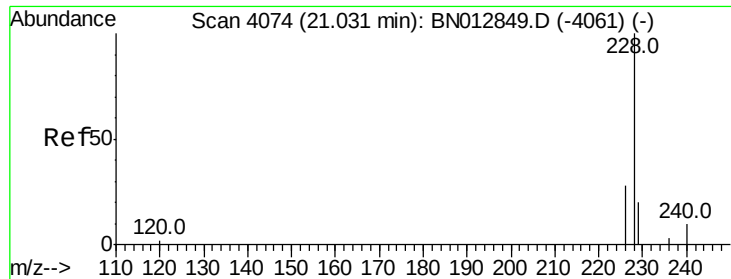


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.099 ng/ul

RT: 21.02 min Scan# 4071

Delta R.T. -0.00 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

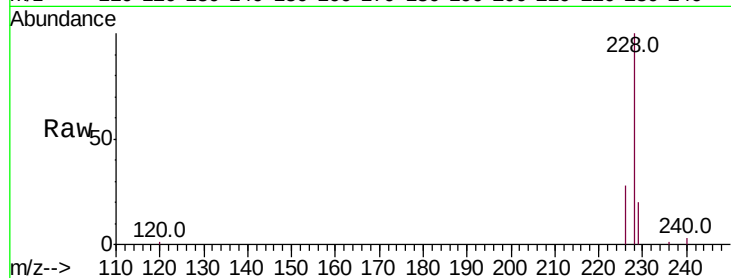
Tot Ion:228 Resp: 12295

Ion Ratio Lower Upper

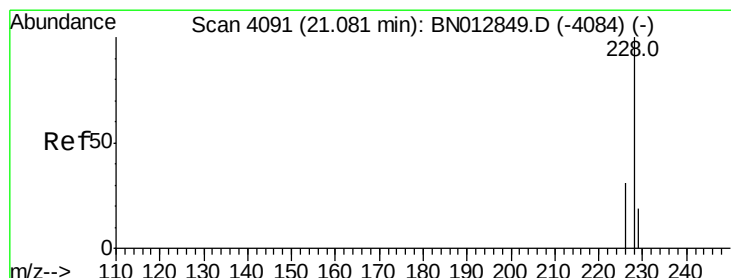
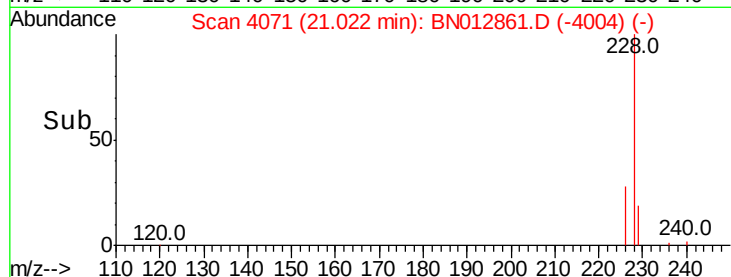
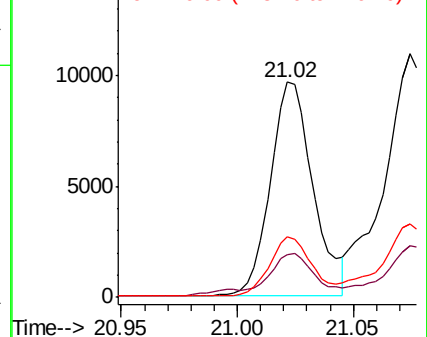
228 100

229 20.1 16.3 24.5

226 28.2 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: 1.275 ng/ul

RT: 21.07 min Scan# 4089

Delta R.T. -0.00 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

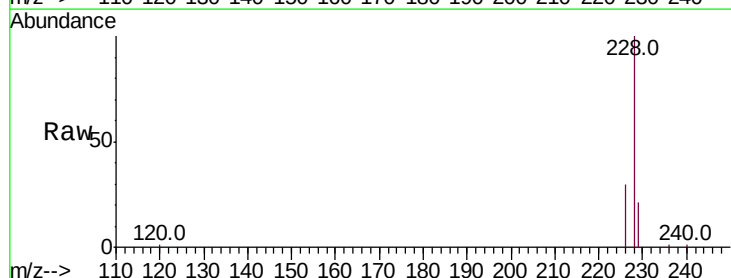
Tgt Ion:228 Resp: 15766

Ion Ratio Lower Upper

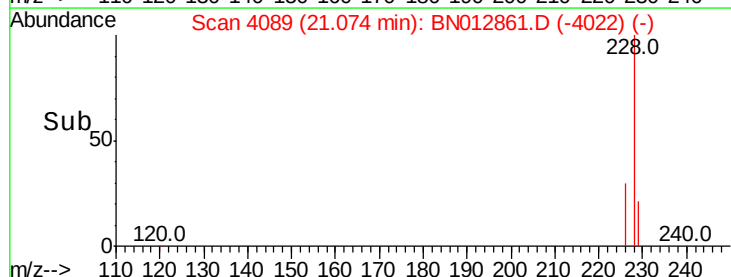
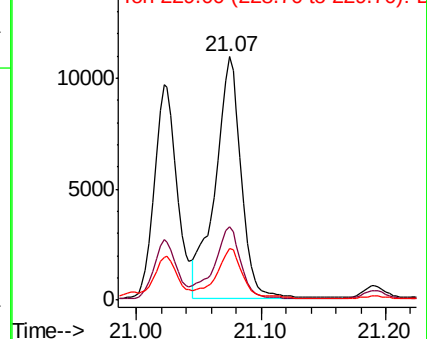
228 100

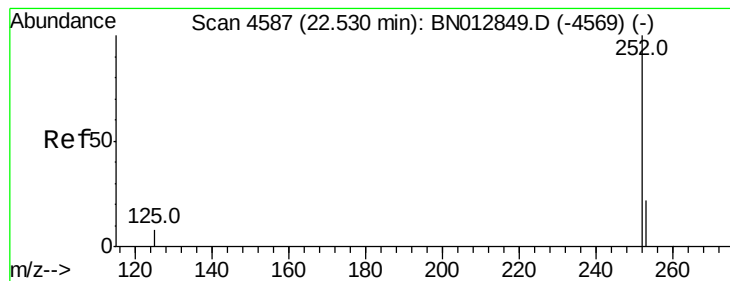
226 30.3 25.0 37.6

229 21.0 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: 1.960 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

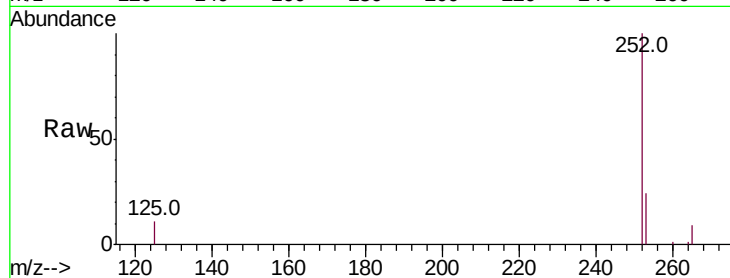
Tot Ion:252 Resp: 25256

Ion Ratio Lower Upper

252 100

253 24.4 0.0 59.6

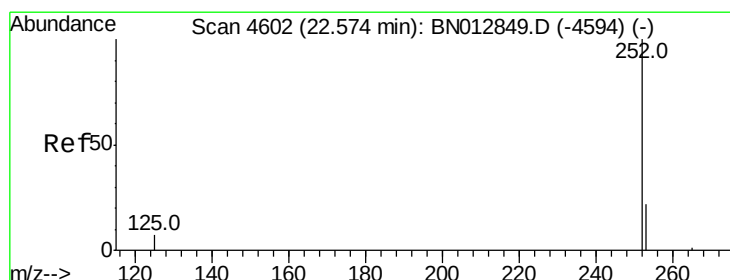
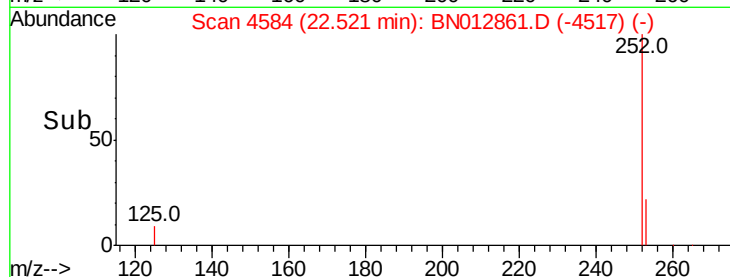
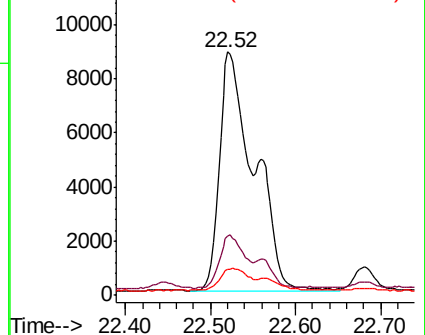
125 10.5 0.0 26.0



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: 1.773 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.04 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

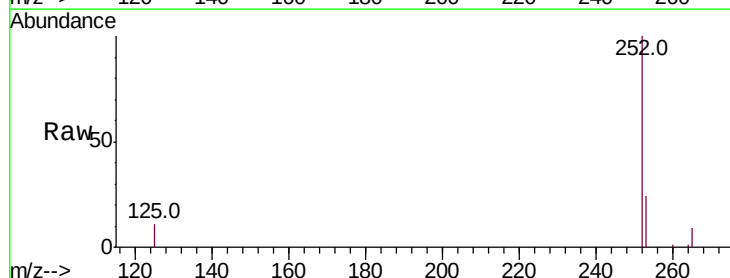
Tgt Ion:252 Resp: 25256

Ion Ratio Lower Upper

252 100

253 24.4 23.4 35.2

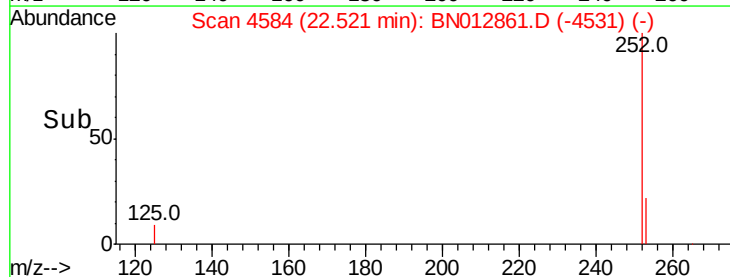
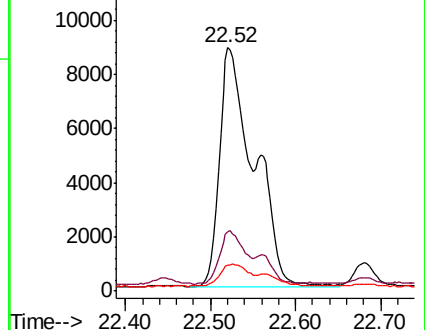
125 10.5 11.1 16.7#

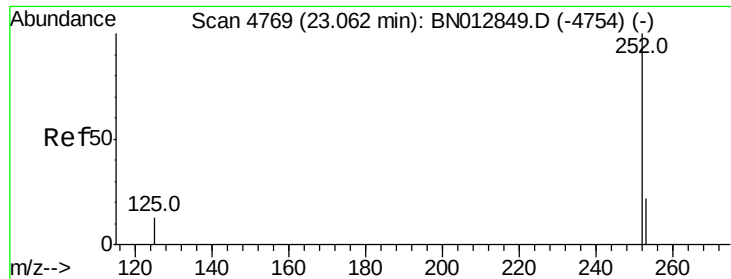


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.913 ng/ul

RT: 23.05 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

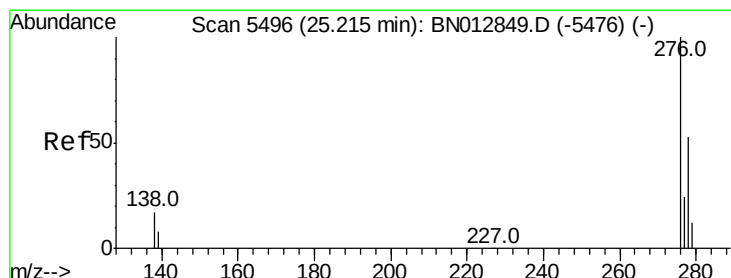
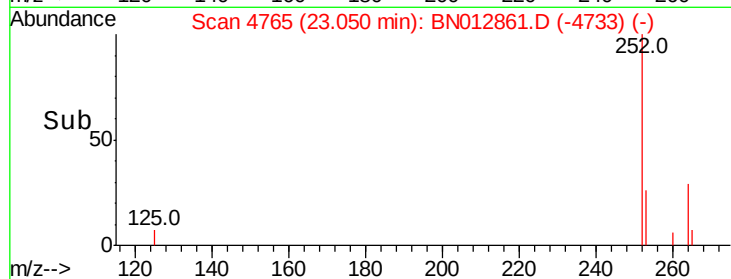
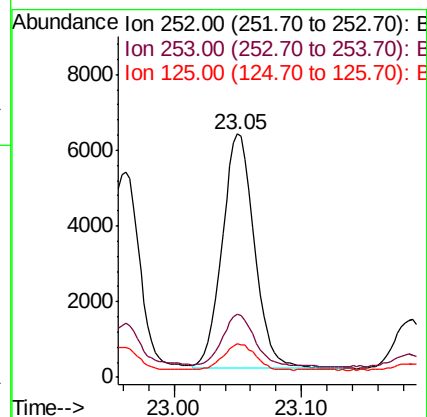
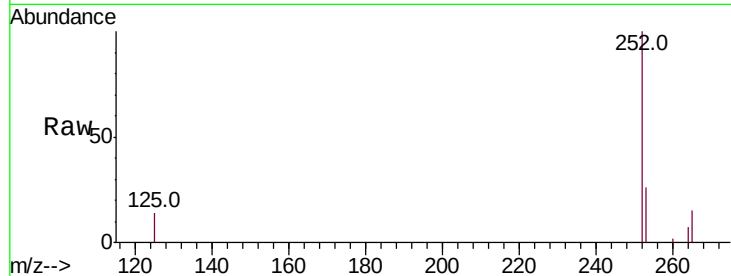
Tot Ion:252 Resp: 10910

Ion Ratio Lower Upper

252 100

253 25.8 26.5 39.7#

125 13.6 14.2 21.2#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.504 ng/ul

RT: 25.20 min Scan# 5492

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

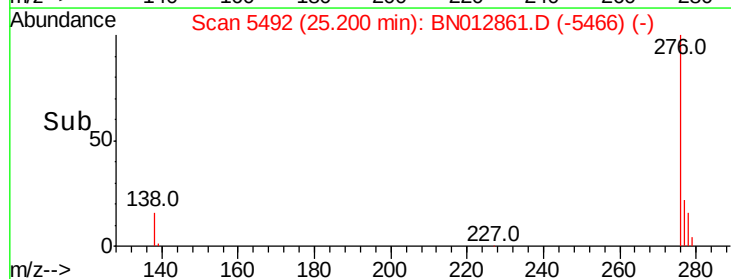
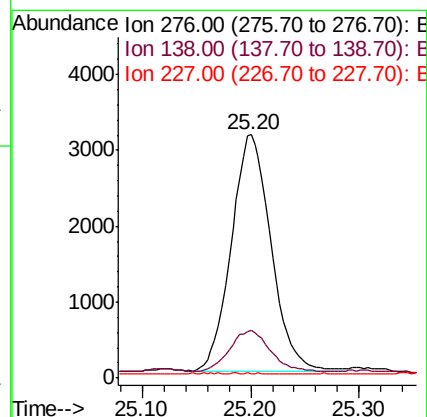
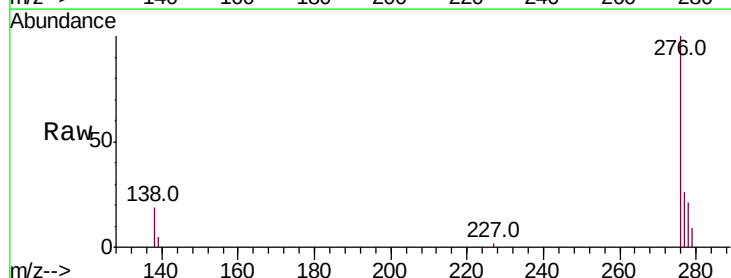
Tgt Ion:276 Resp: 7922

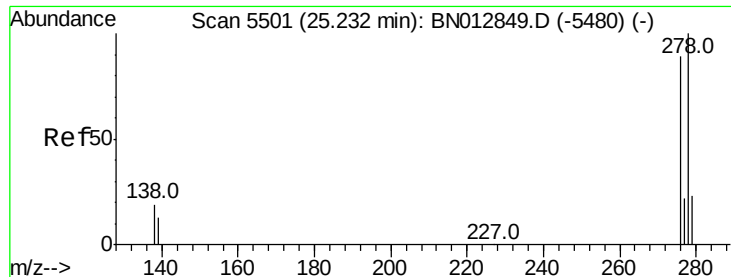
Ion Ratio Lower Upper

276 100

138 17.8 16.2 24.2

227 0.0 0.0 0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.156 ng/ul

RT: 25.20 min Scan# 5493

Delta R.T. -0.02 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

ClientSampleId :

C0B77DL

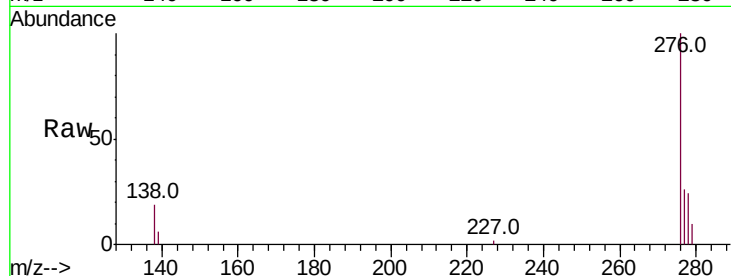
Tot Ion:278 Resp: 1941

Ion Ratio Lower Upper

278 100

139 23.4 14.5 21.7#

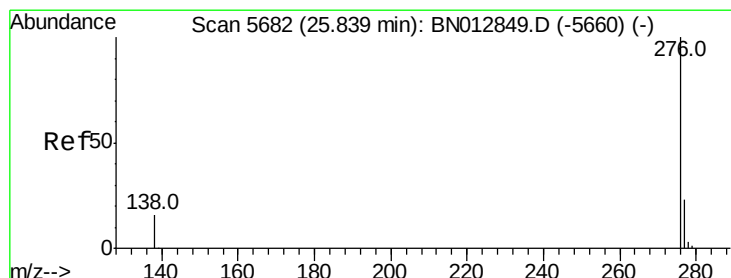
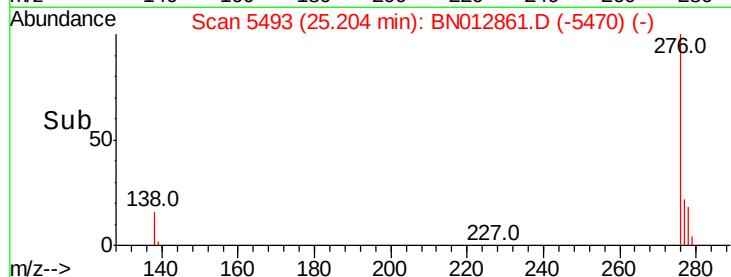
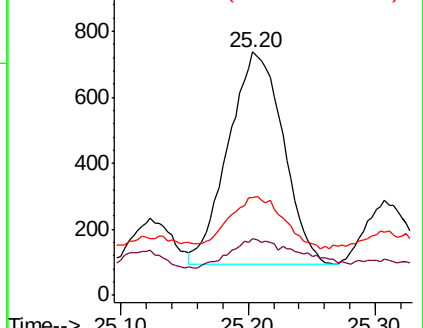
279 40.1 26.3 39.5#



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: 0.502 ng/ul

RT: 25.83 min Scan# 5679

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

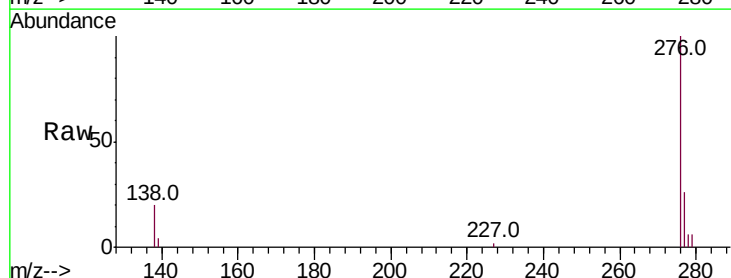
Tgt Ion:276 Resp: 7129

Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

277 25.8 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

