

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012832.D
 Acq On : 02 Dec 2020 23:09
 Operator : CG/JU
 Sample : L4865-05
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B77

Quant Time: Dec 03 00:45:53 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 : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

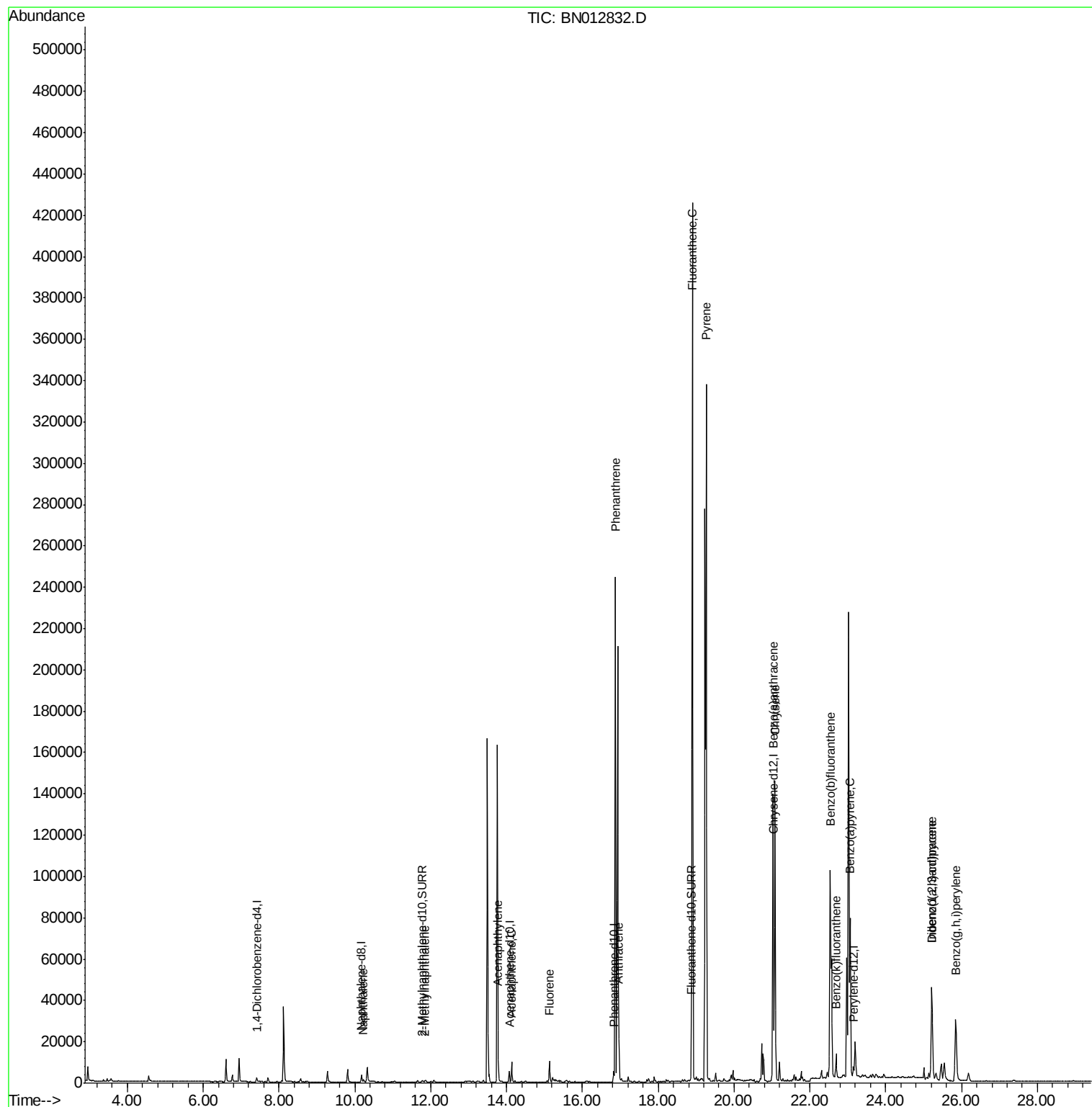
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	4526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2670	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	5863	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5471	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5232	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	968	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2560	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	1284	0.094	ng/ul#	94
5) 2-Methylnaphthalene	11.86	142	535	0.062	ng/ul	97
7) Acenaphthylene	13.79	152	1481	0.114	ng/ul	95
8) Acenaphthene	14.13	153	5389	0.491	ng/ul	99
9) Fluorene	15.13	166	6413	0.532	ng/ul	99
12) Phenanthrene	16.87	178	240689	11.798	ng/ul	96
13) Anthracene	16.96	178	24234	1.366	ng/ul	95
15) Fluoranthene	18.90	202	360462	15.304	ng/ul	96
17) Pyrene	19.27	202	274675	11.224	ng/ul	99
18) Benzo(a)anthracene	21.03	228	112008	5.713	ng/ul	98
19) Chrysene	21.08	228	133131	5.436	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	213843	8.885	ng/ul	89
22) Benzo(k)fluoranthene	22.69	252	13378	0.482	ng/ul	98
23) Benzo(a)pyrene	23.06	252	92039	4.063	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.22	276	65853	2.223	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.22	278	16271	0.684	ng/ul	93
26) Benzo(a,h,i)perylene	25.85	276	57145	2.144	ng/ul	96

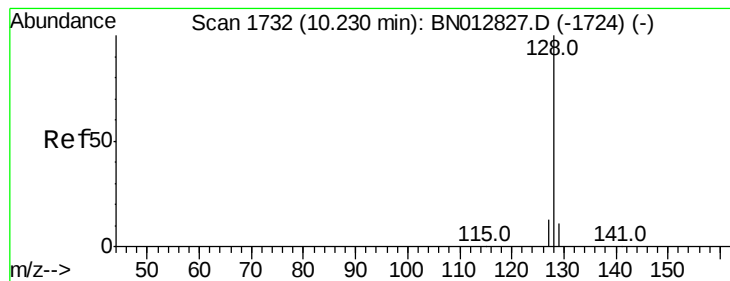
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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QLast Update : Thu Dec 03 00:42:46 2020
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#3

Naphthalene

Concen: 0.094 ng/ul

RT: 10.22 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

ClientSampleId :

C0B77

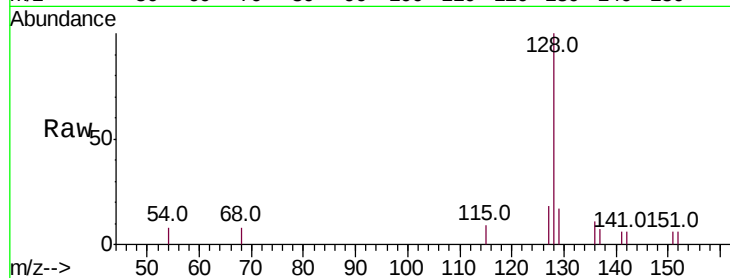
Tot Ion:128 Resp: 1284

Ion Ratio Lower Upper

128 100

129 16.8 11.2 16.8#

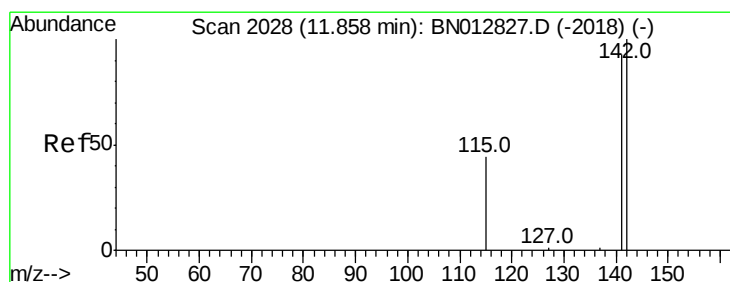
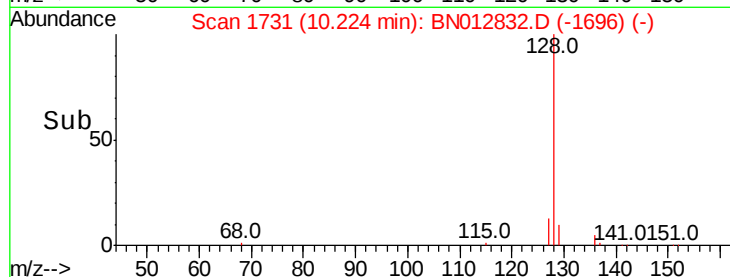
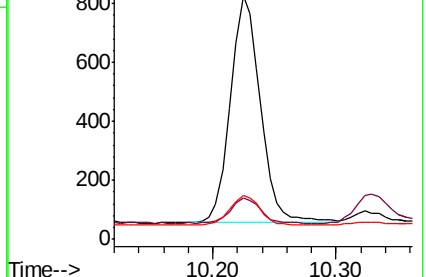
127 17.8 12.5 18.7



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



#5

2-Methylnaphthalene

Concen: 0.062 ng/ul

RT: 11.86 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BN012832.D

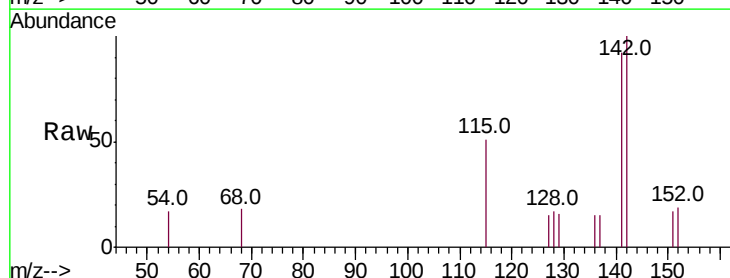
Acq: 02 Dec 2020 23:09

Tgt Ion:142 Resp: 535

Ion Ratio Lower Upper

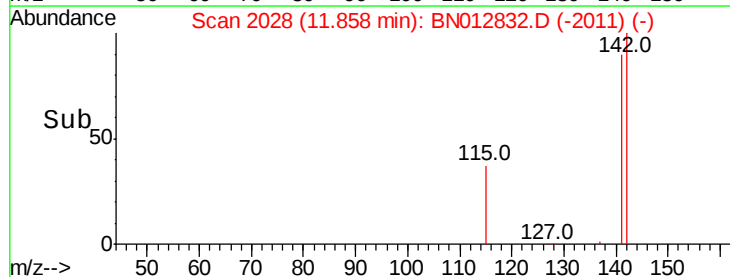
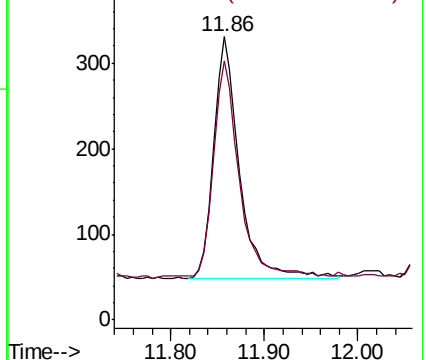
142 100

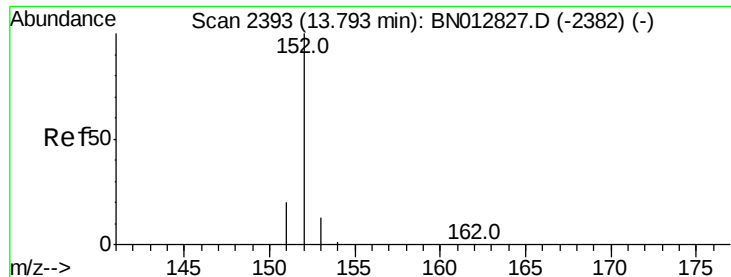
141 88.0 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

ClientSampleId :

C0B77

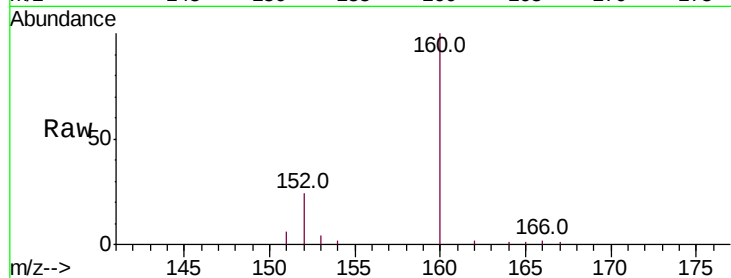
Tot Ion:152 Resp: 1481

Ion Ratio Lower Upper

152 100

151 23.7 17.1 25.7

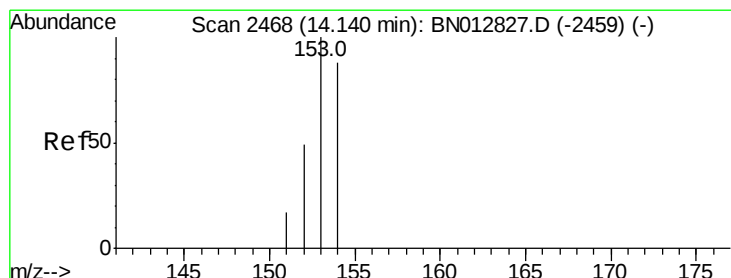
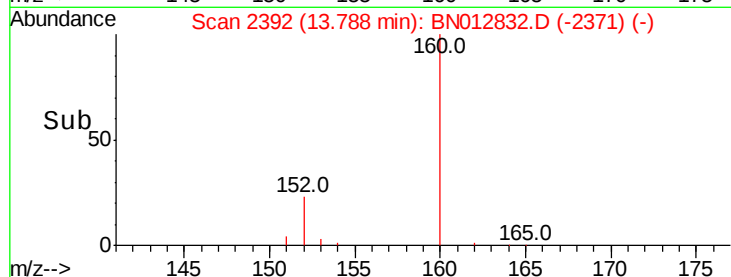
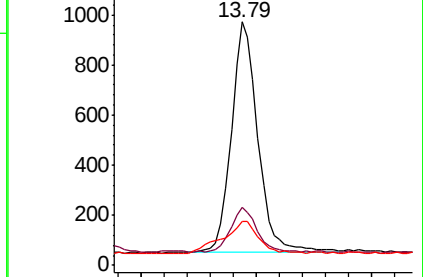
153 18.3 12.6 19.0



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: 0.491 ng/ul

RT: 14.13 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

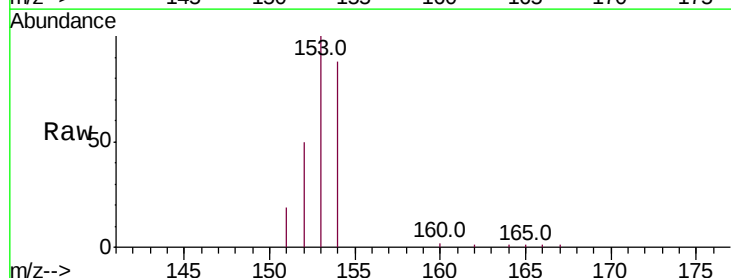
Tgt Ion:153 Resp: 5389

Ion Ratio Lower Upper

153 100

152 50.1 41.4 62.0

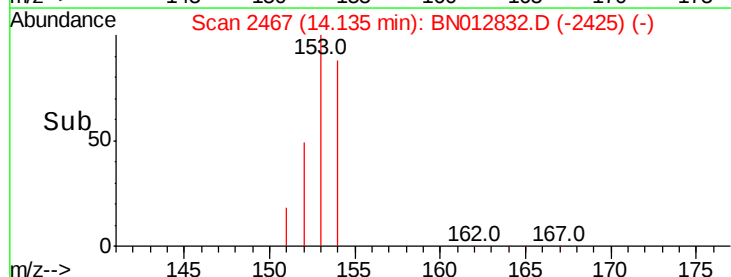
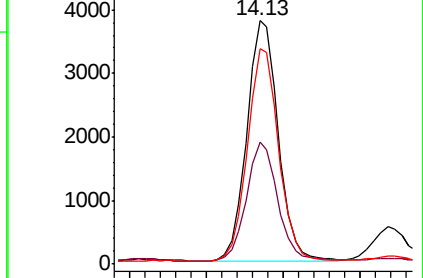
154 88.4 70.9 106.3

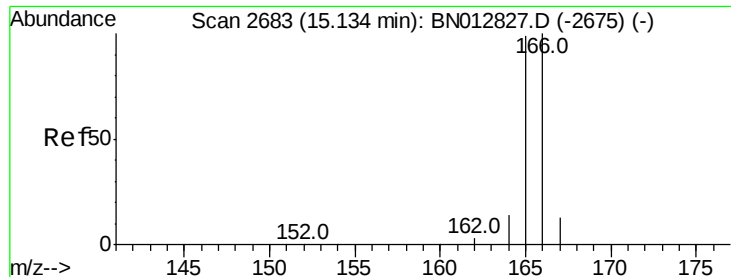


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.532 ng/ul

RT: 15.13 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

ClientSampleId :

C0B77

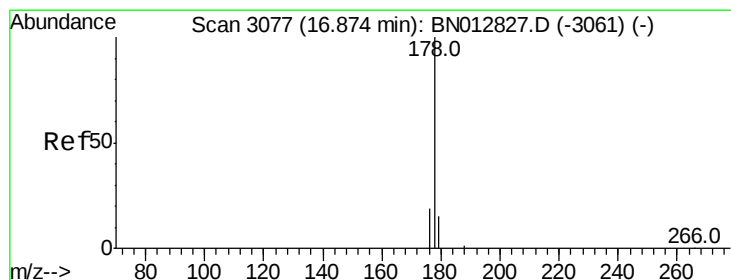
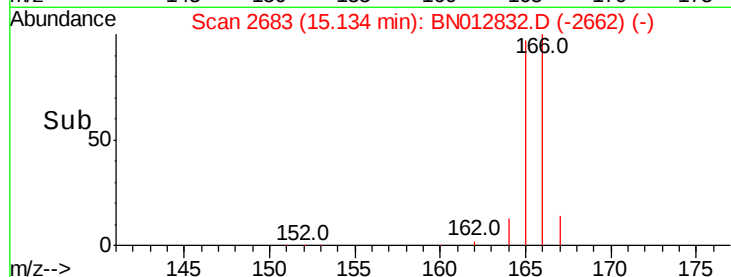
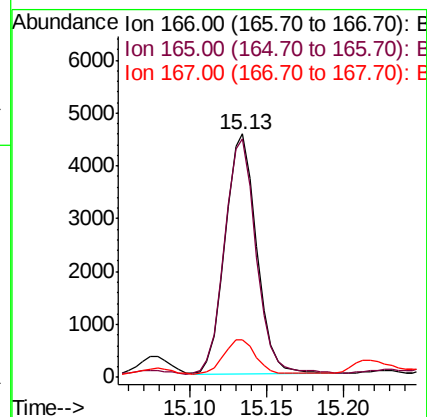
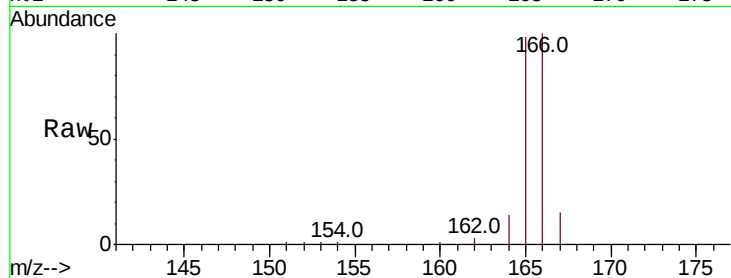
Tot Ion:166 Resp: 6413

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

167 15.3 12.7 19.1



#12

Phenanthrene

Concen: 11.798 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

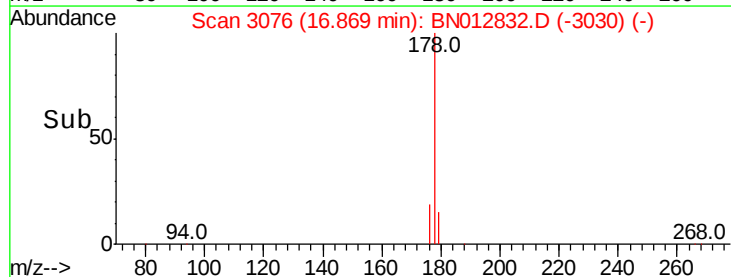
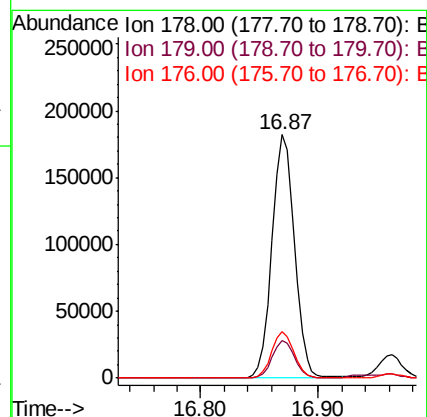
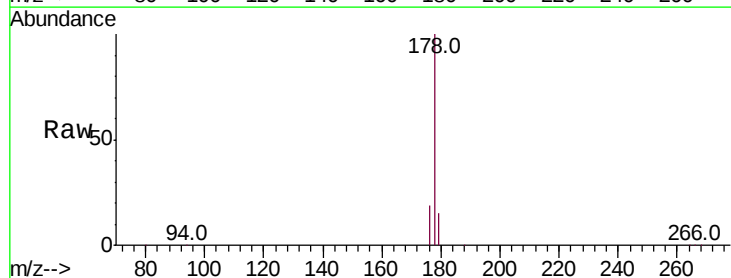
Tgt Ion:178 Resp: 240689

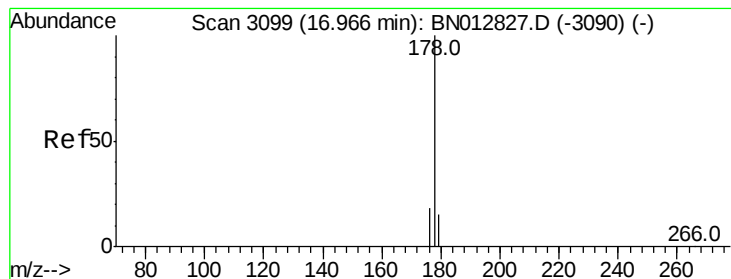
Ion Ratio Lower Upper

178 100

179 15.3 13.8 20.6

176 19.0 16.7 25.1





#13

Anthracene

Concen: 1.366 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

ClientSampleId :

C0B77

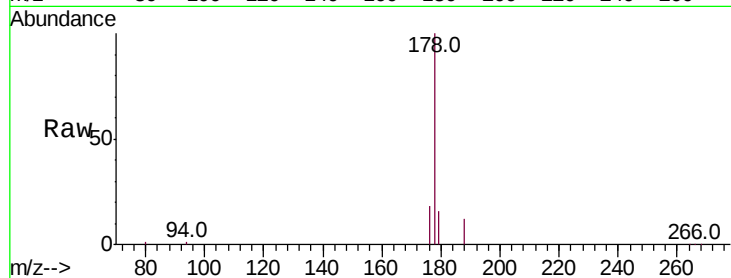
Tot Ion:178 Resp: 24234

Ion Ratio Lower Upper

178 100

179 16.4 14.8 22.2

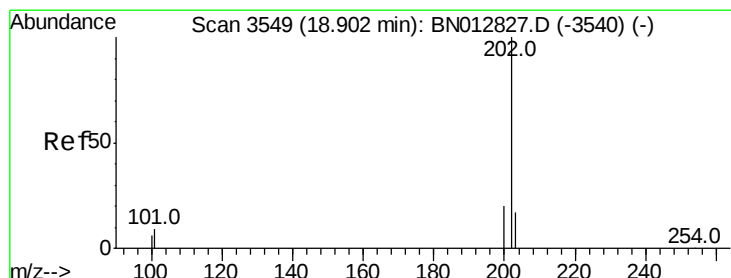
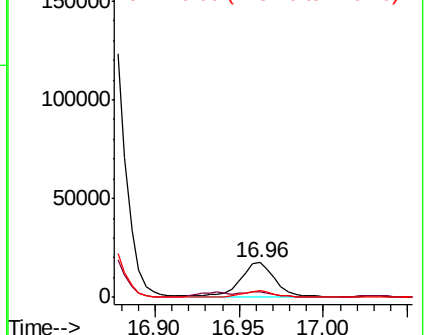
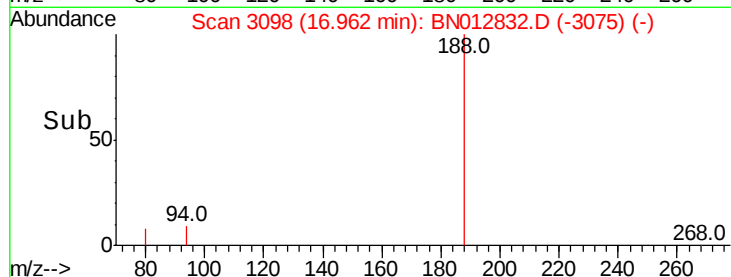
176 18.1 16.3 24.5



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: 15.304 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

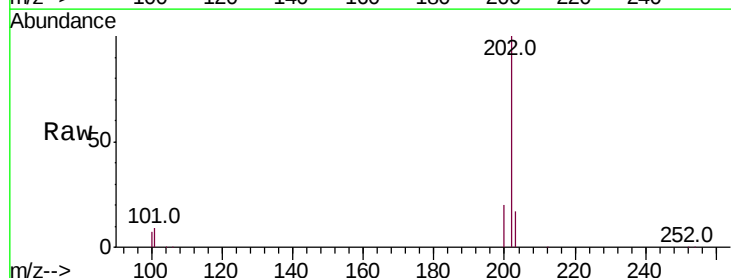
Tgt Ion:202 Resp: 360462

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.5

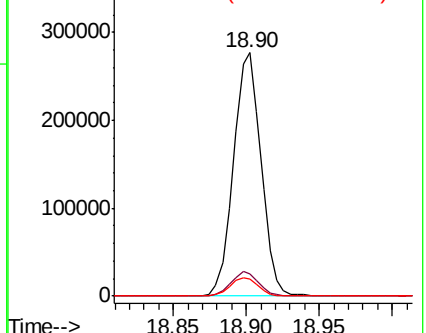
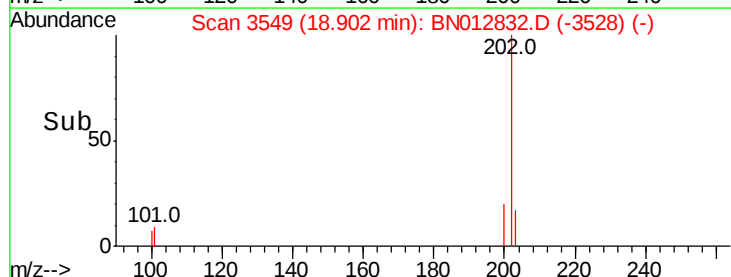
100 7.0 0.0 28.4

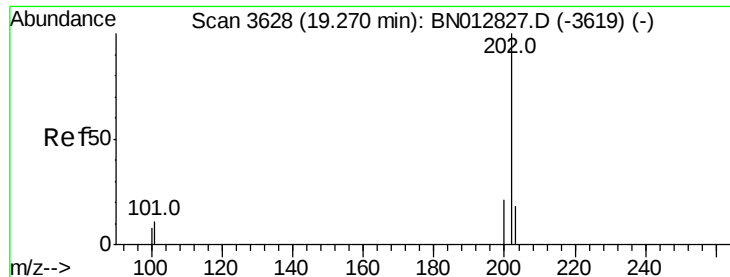


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 11.224 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BN012832.D

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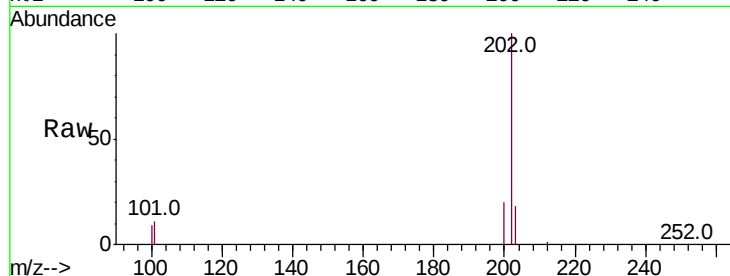
Tot Ion:202 Resp: 274675

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

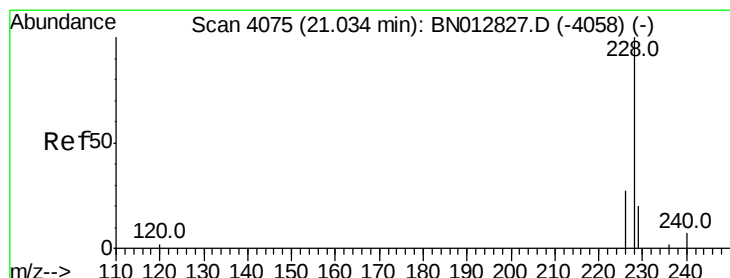
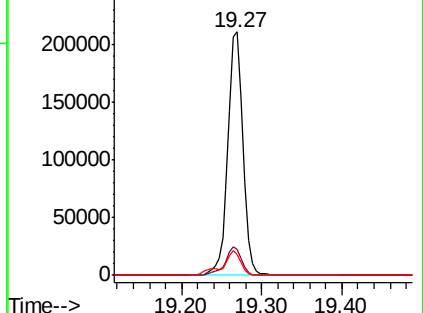
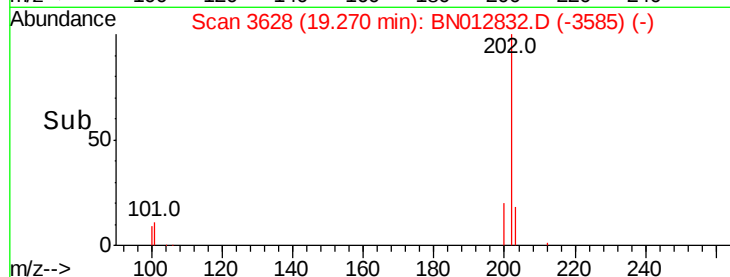
100 8.8 7.4 11.2



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: 5.713 ng/ul

RT: 21.03 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

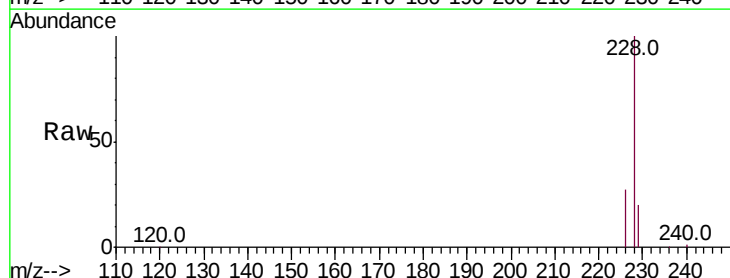
Tgt Ion:228 Resp: 112008

Ion Ratio Lower Upper

228 100

229 20.1 16.9 25.3

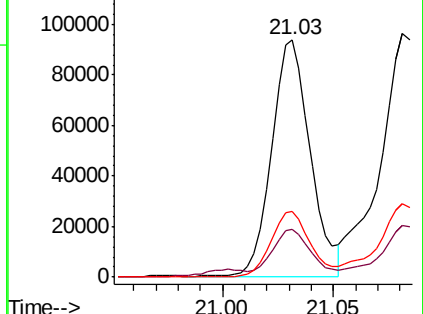
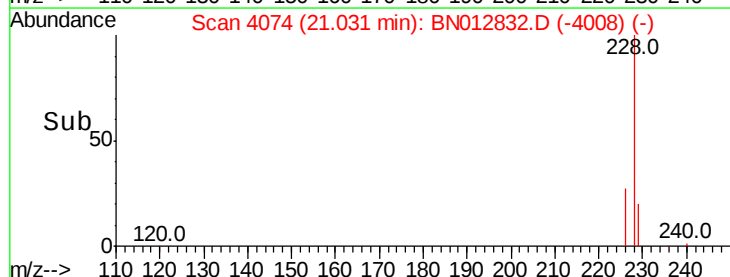
226 27.4 23.1 34.7

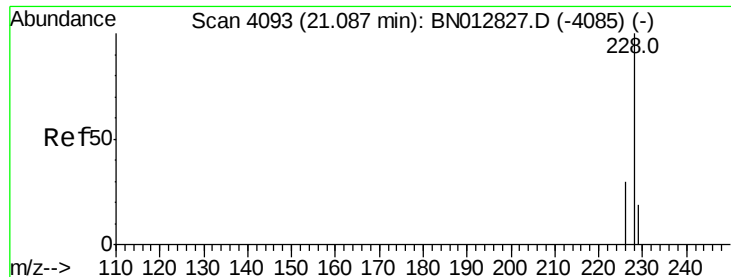


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.436 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

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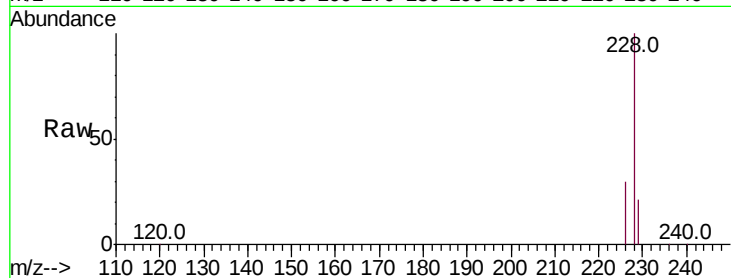
Tot Ion:228 Resp: 133131

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

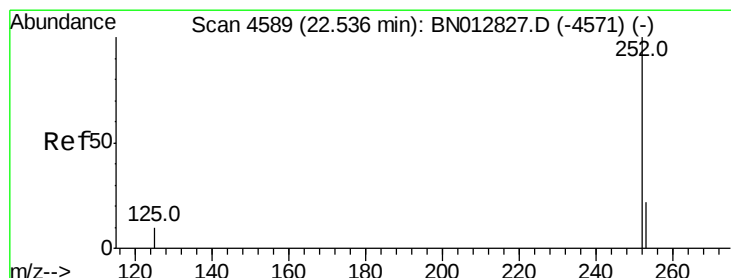
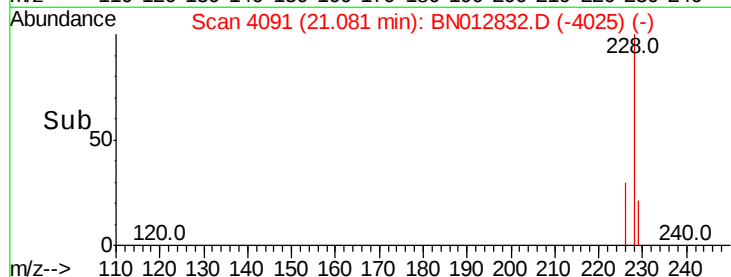
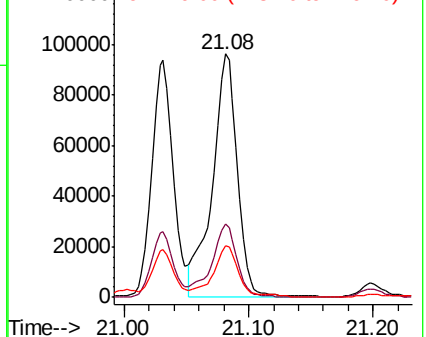
229 21.3 16.1 24.1



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: 8.885 ng/ul

RT: 22.53 min Scan# 4588

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

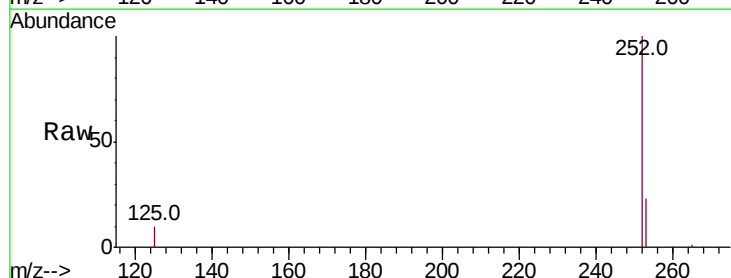
Tgt Ion:252 Resp: 213843

Ion Ratio Lower Upper

252 100

253 23.0 0.0 58.4

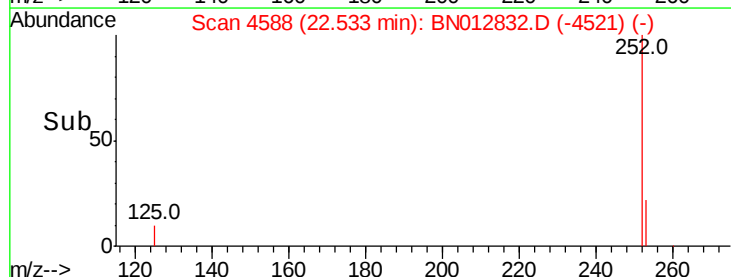
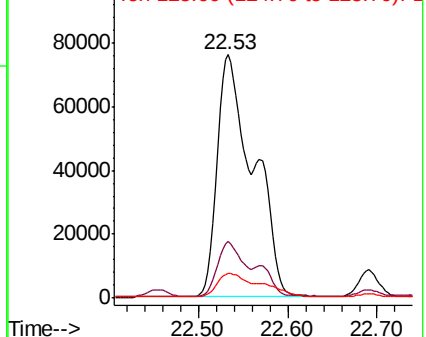
125 10.2 0.0 28.6

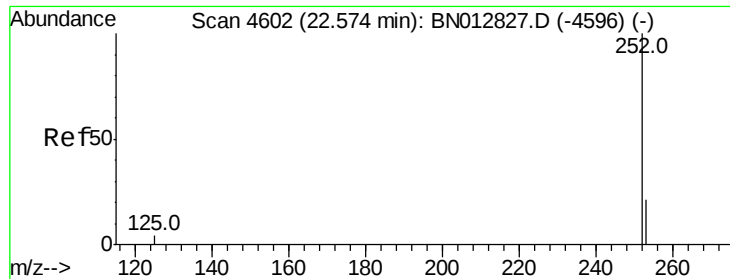


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.482 ng/ul

RT: 22.69 min Scan# 4642

Delta R.T. 0.11 min

Lab File: BN012832.D

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Instrument :

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C0B77

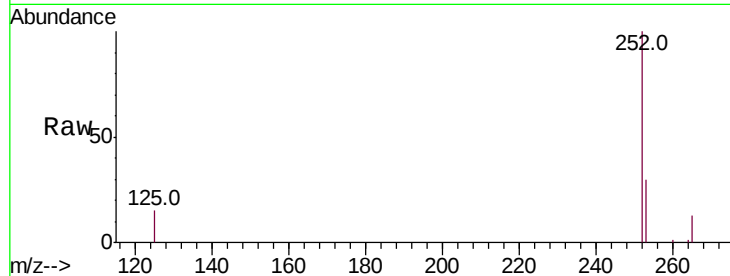
Tot Ion:252 Resp: 13378

Ion Ratio Lower Upper

252 100

253 29.5 23.4 35.2

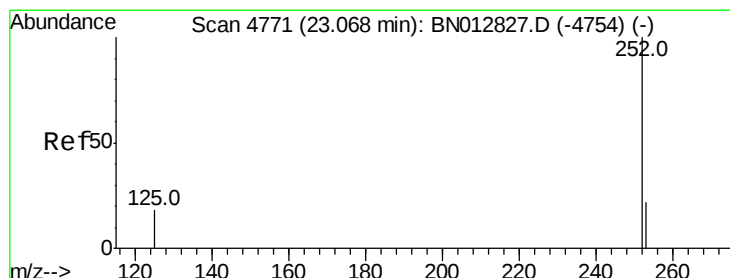
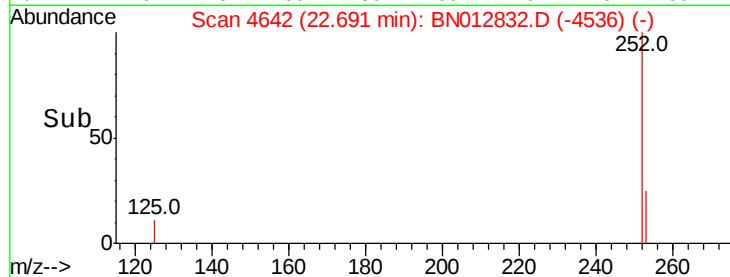
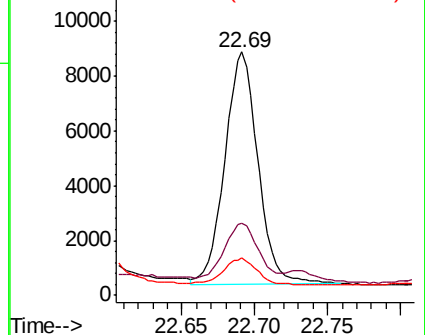
125 15.2 10.2 15.2



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: 4.063 ng/ul

RT: 23.06 min Scan# 4769

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

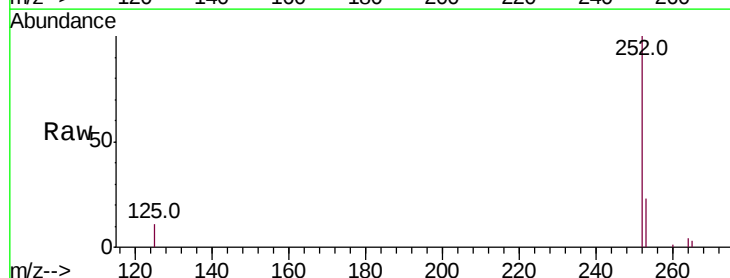
Tgt Ion:252 Resp: 92039

Ion Ratio Lower Upper

252 100

253 22.5 27.6 41.4#

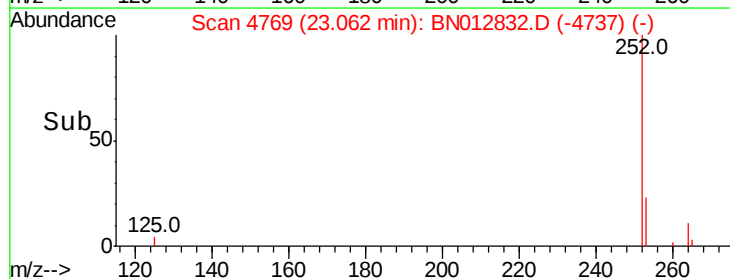
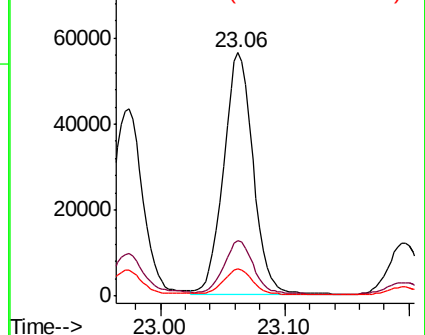
125 11.0 17.0 25.4#

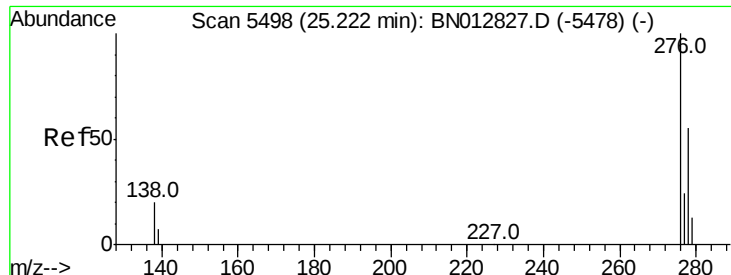


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



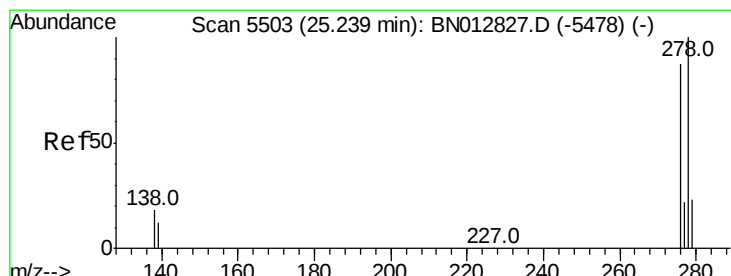
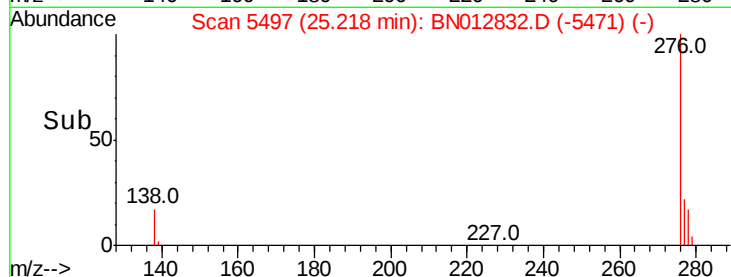
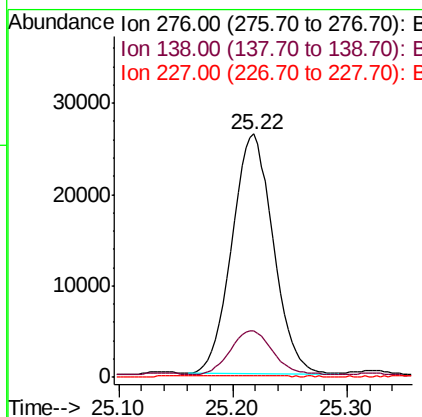
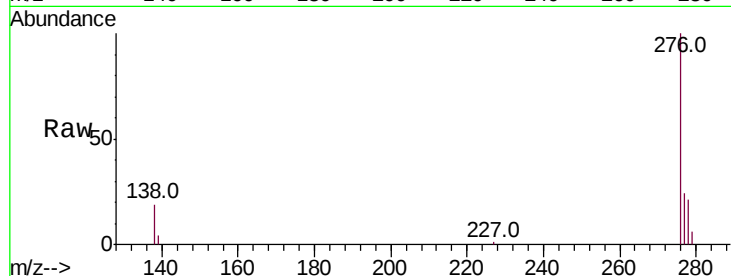


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.223 ng/u1
RT: 25.22 min Scan# 5497
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Instrument :
BNA_N
ClientSampleId :
C0B77

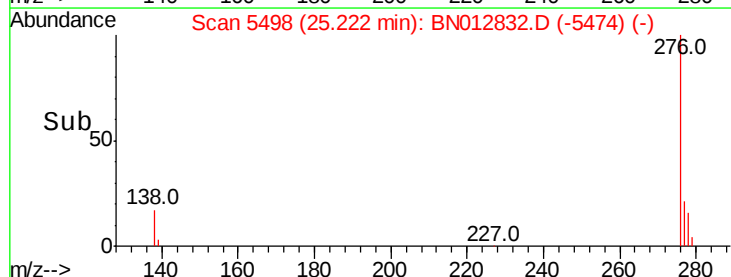
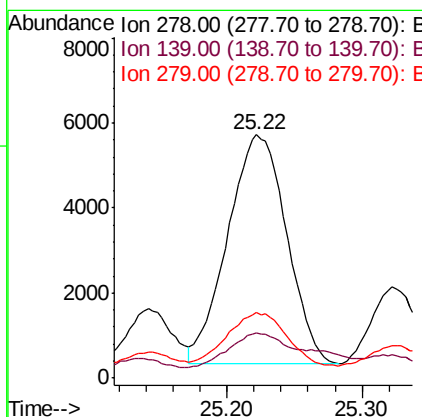
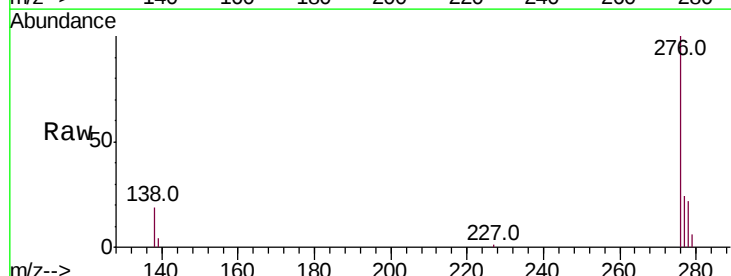
Tot Ion:276 Resp: 65853
Ion Ratio Lower Upper
276 100
138 19.0 16.5 24.7
227 0.1 0.1 0.1#

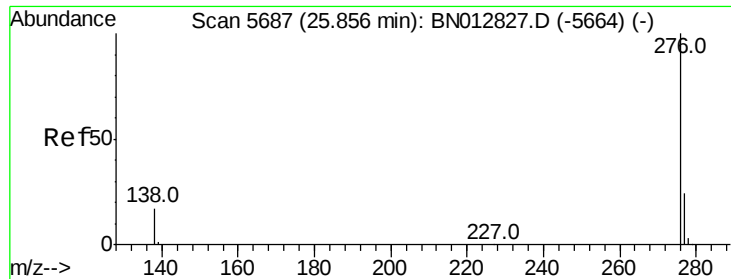


#25

Dibenzo(a,h)anthracene
Concen: 0.684 ng/u1
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Tgt Ion:278 Resp: 16271
Ion Ratio Lower Upper
278 100
139 18.5 13.8 20.8
279 27.0 25.6 38.4





#26

Benzo(a,h,i)perylene

Concen: 2.144 ng/ul

RT: 25.85 min Scan# 5684

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

ClientSampleId :

C0B77

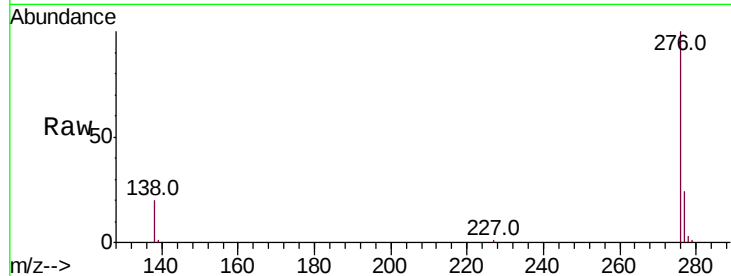
Tot Ion:276 Resp: 57145

Ion Ratio Lower Upper

276 100

138 19.7 16.3 24.5

277 23.8 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

