

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012218.D
 Acq On : 15 Oct 2020 05:57
 Operator : CG/JU
 Sample : L4184-15DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 07:17:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 04:47:44 2020
 Response via : Initial Calibration

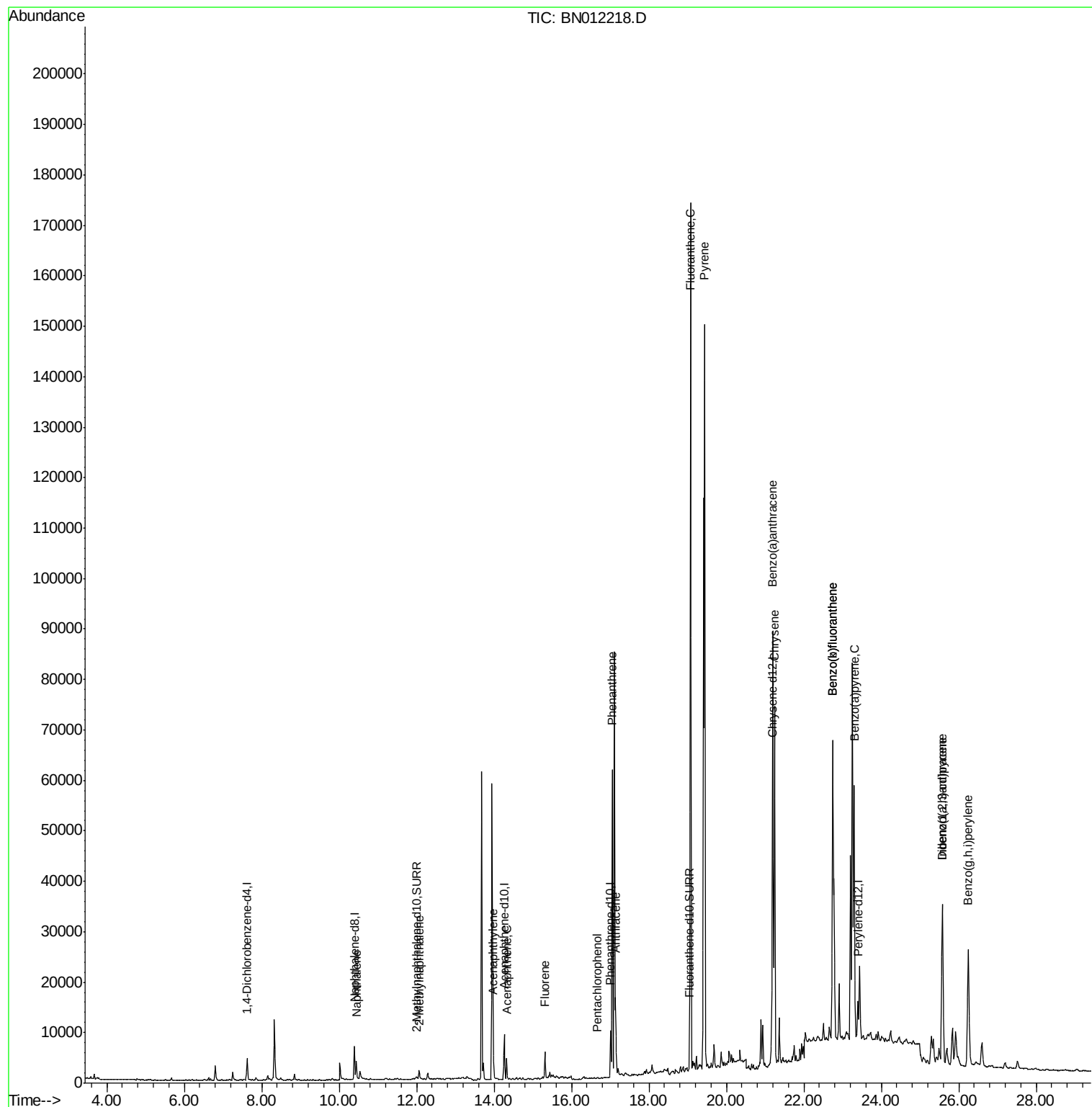
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2090	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8758	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4978	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10701	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8628	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	8886	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	516	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	1143	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	4817	0.191	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	1409	0.088	ng/ul	98
7) Acenaphthylene	13.98	152	4371	0.202	ng/ul	98
8) Acenaphthene	14.32	153	2450	0.134	ng/ul	98
9) Fluorene	15.31	166	3327	0.164	ng/ul#	98
11) Pentachlorophenol	16.67	266	147	0.048	ng/ul	95
12) Phenanthrene	17.05	178	61187	1.794	ng/ul	98
13) Anthracene	17.14	178	14645	0.501	ng/ul	99
15) Fluoranthene	19.07	202	141855	3.556	ng/ul	99
17) Pyrene	19.44	202	122005	3.136	ng/ul	98
18) Benzo(a)anthracene	21.19	228	70050	2.192	ng/ul	98
19) Chrysene	21.24	228	67276	1.728	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	126577	3.527	ng/ul	93
22) Benzo(k)fluoranthene	22.74	252	126577	3.186	ng/ul	93
23) Benzo(a)pyrene	23.30	252	64105	1.836	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.58	276	48130	1.073	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	12705	0.354	ng/ul#	83
26) Benzo(g,h,i)perylene	26.25	276	45439	1.105	ng/ul	98

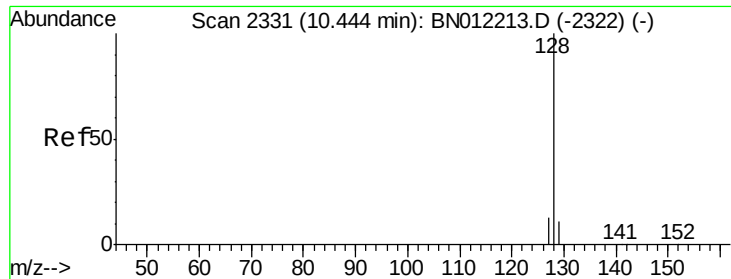
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 04:47:44 2020
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#3

Naphthalene

Concen: 0.191 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

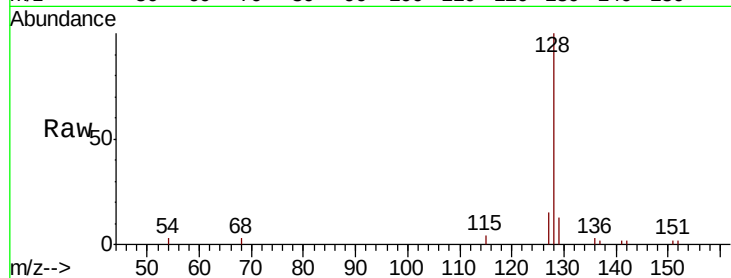
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 4817

Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.3	15.5
127	14.6	11.9	17.9

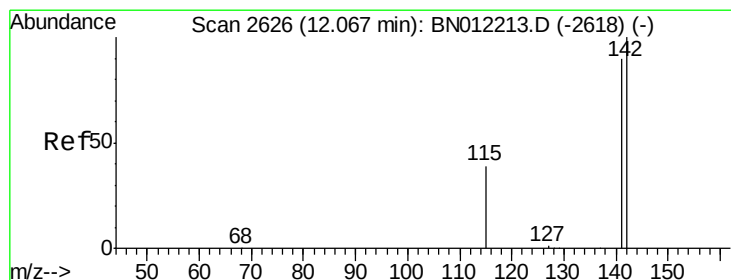
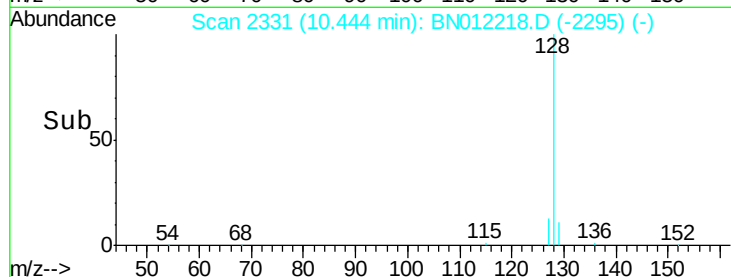
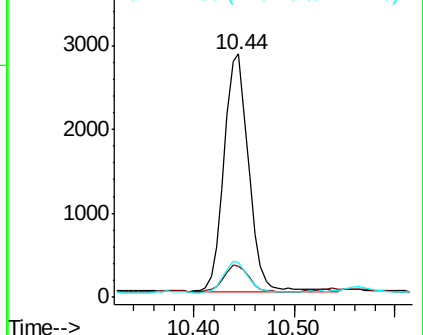


Abundance

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: 0.088 ng/ul

RT: 12.07 min Scan# 2626

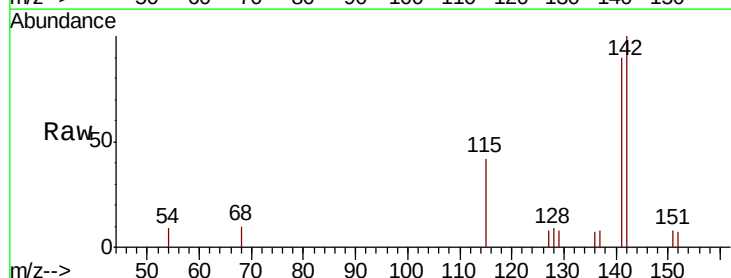
Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Tgt Ion:142 Resp: 1409

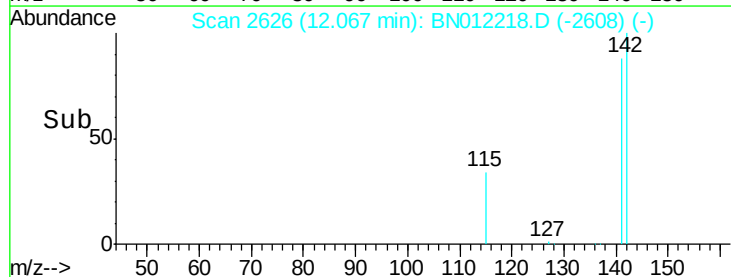
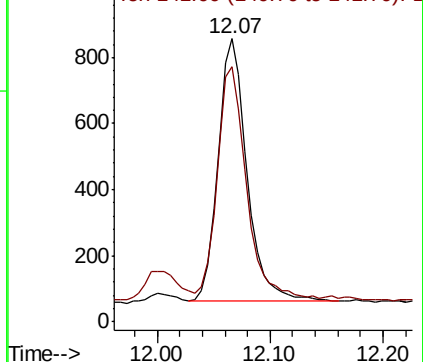
Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.7	107.5

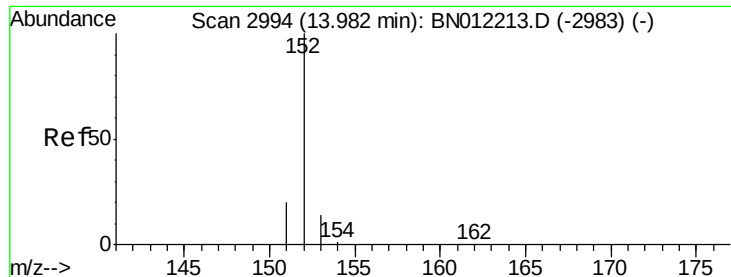


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.202 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

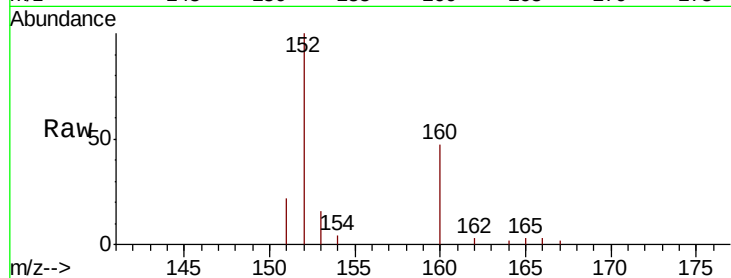
Tot Ion:152 Resp: 4371

Ion Ratio Lower Upper

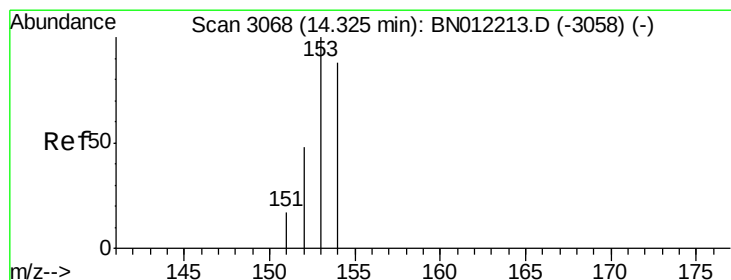
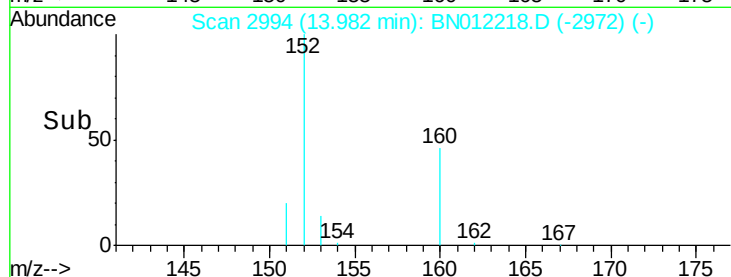
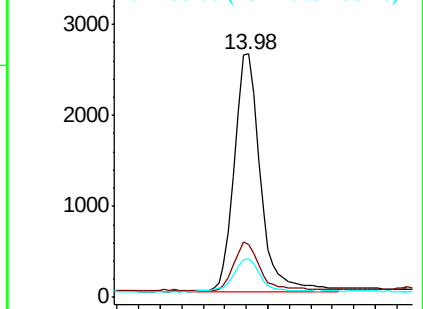
152 100

151 21.8 16.7 25.1

153 15.9 11.8 17.8



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: 0.134 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

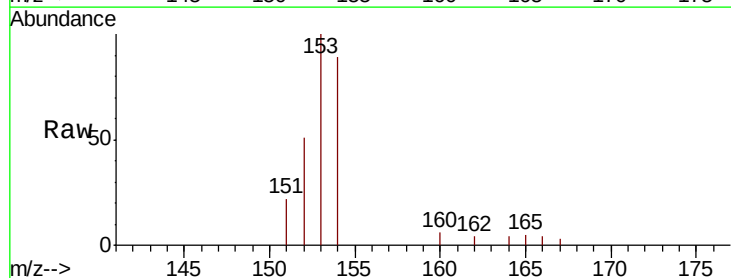
Tgt Ion:153 Resp: 2450

Ion Ratio Lower Upper

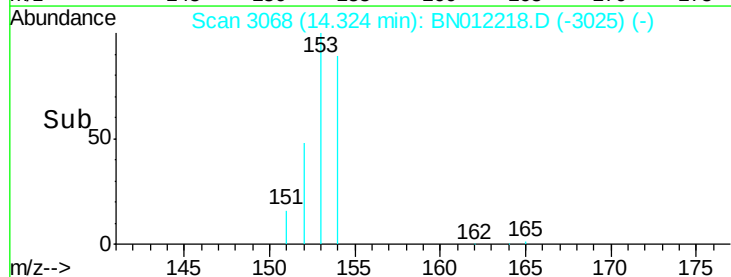
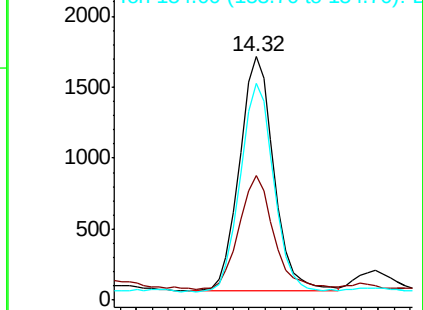
153 100

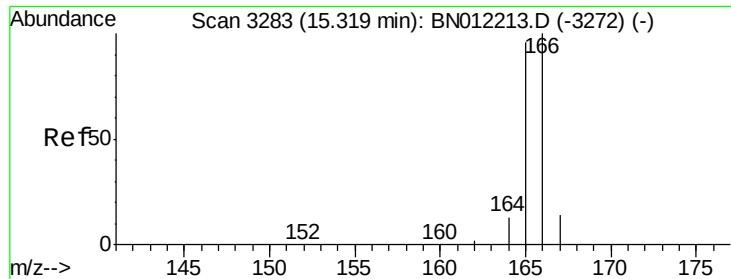
152 51.3 38.2 57.2

154 88.8 71.1 106.7



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: 0.164 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

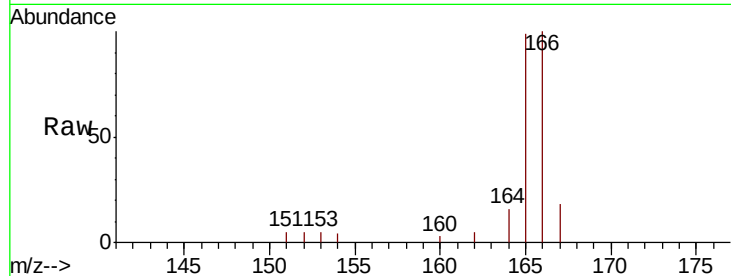
Tot Ion:166 Resp: 3327

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

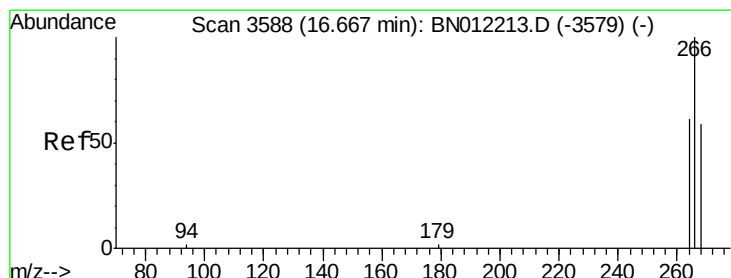
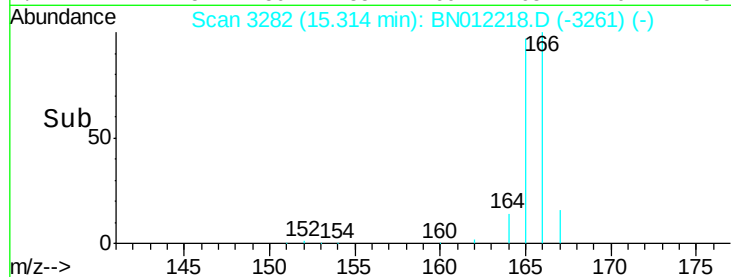
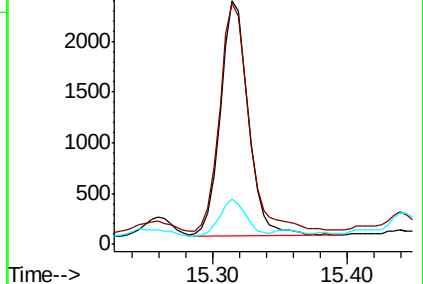
167 18.4 11.9 17.9#



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



#11

Pentachlorophenol

Concen: 0.048 ng/ul

RT: 16.67 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

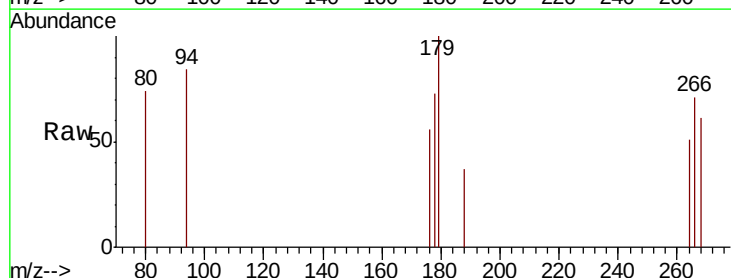
Tgt Ion:266 Resp: 147

Ion Ratio Lower Upper

266 100

264 57.8 50.3 75.5

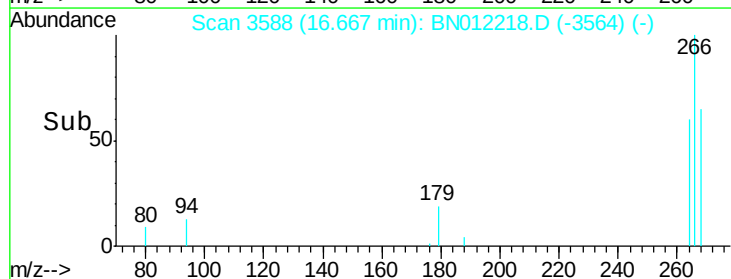
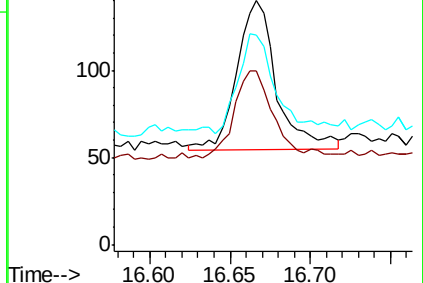
268 68.0 52.4 78.6

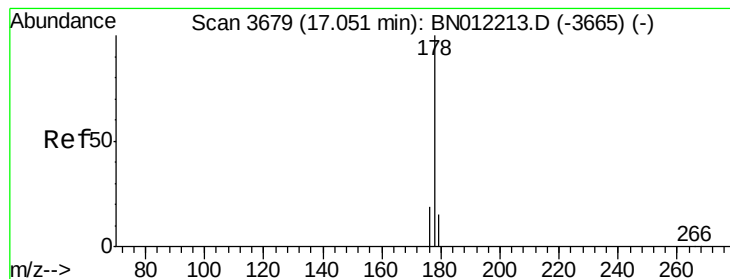


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 1.794 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

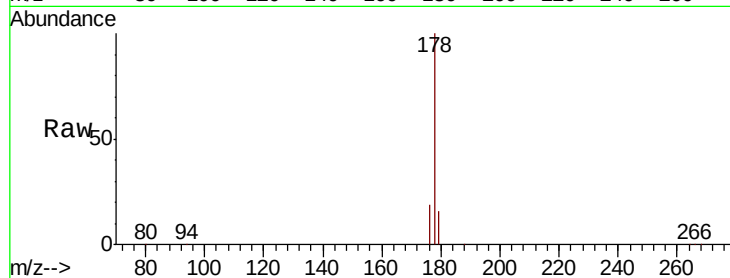
Tot Ion:178 Resp: 61187

Ion Ratio Lower Upper

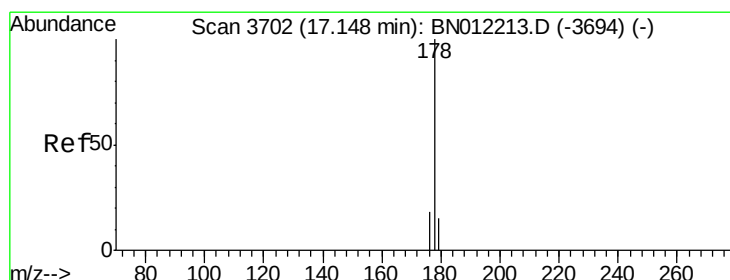
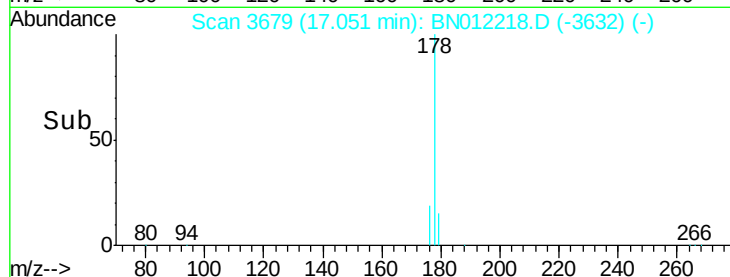
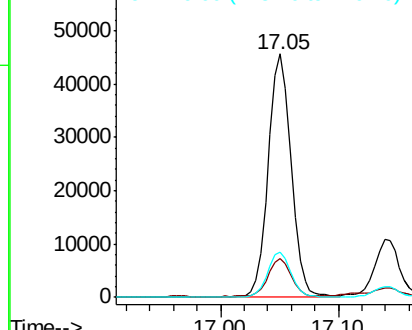
178 100

179 15.7 13.4 20.2

176 18.8 15.7 23.5



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



#13

Anthracene

Concen: 0.501 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

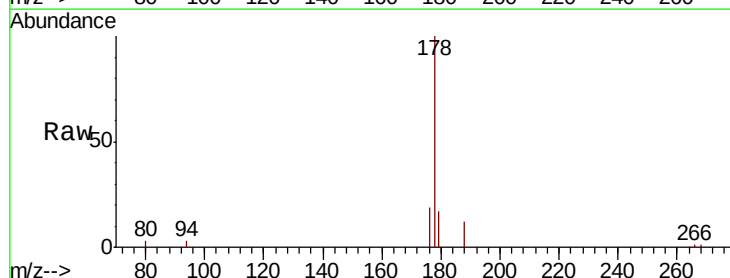
Tgt Ion:178 Resp: 14645

Ion Ratio Lower Upper

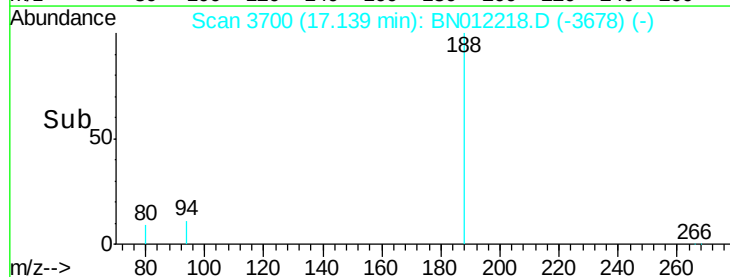
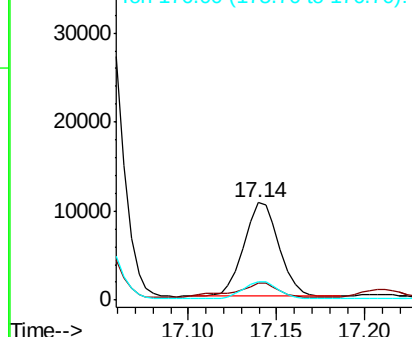
178 100

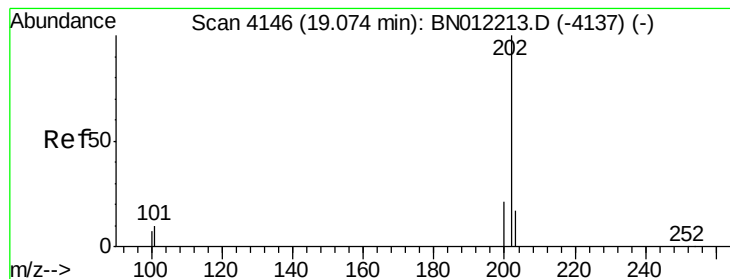
179 17.0 13.9 20.9

176 18.6 15.4 23.0



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: 3.556 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

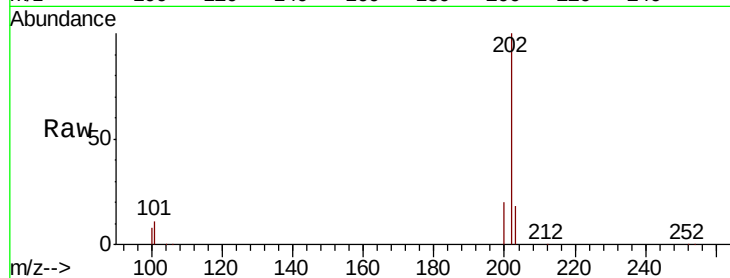
Tot Ion:202 Resp: 141855

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

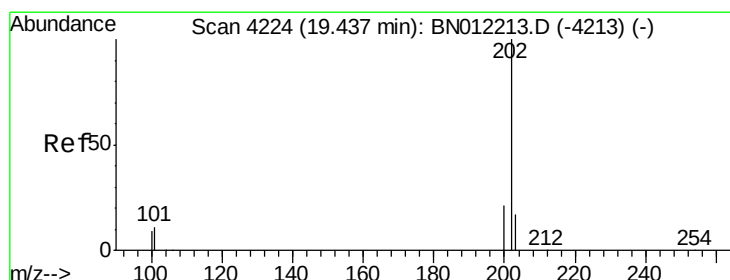
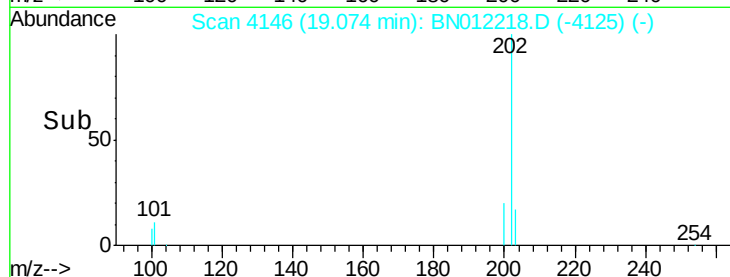
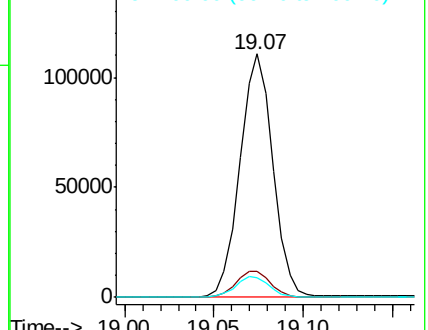
100 8.1 0.0 28.7



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: 3.136 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

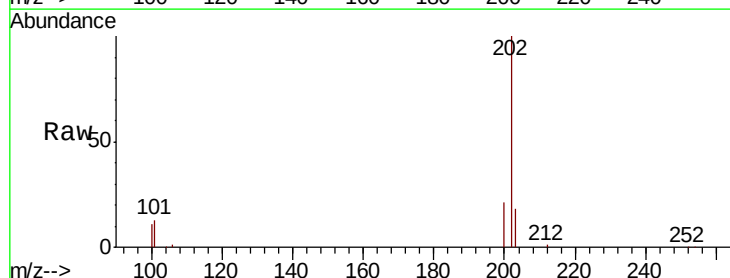
Tgt Ion:202 Resp: 122005

Ion Ratio Lower Upper

202 100

101 13.2 9.9 14.9

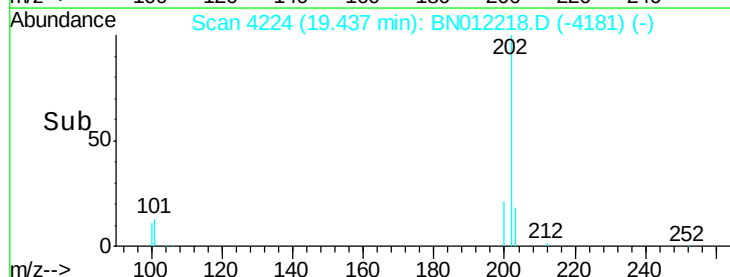
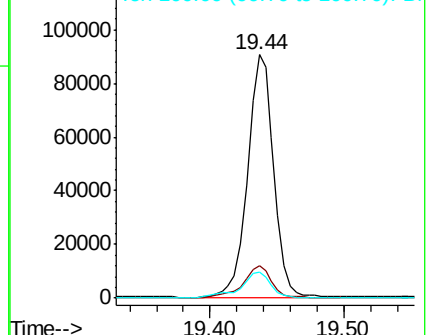
100 10.8 8.0 12.0

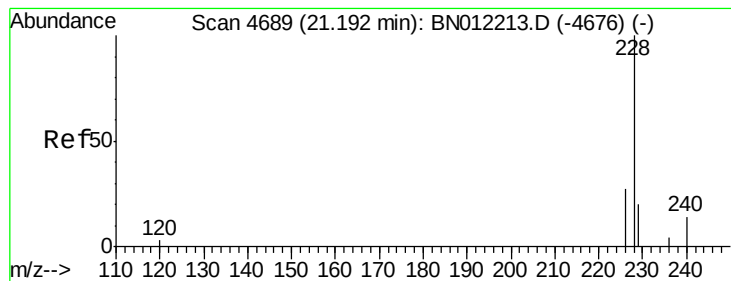


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 2.192 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

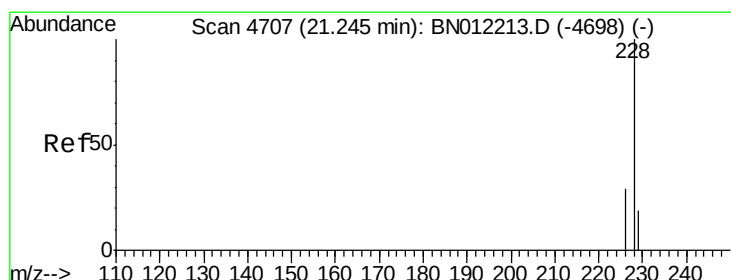
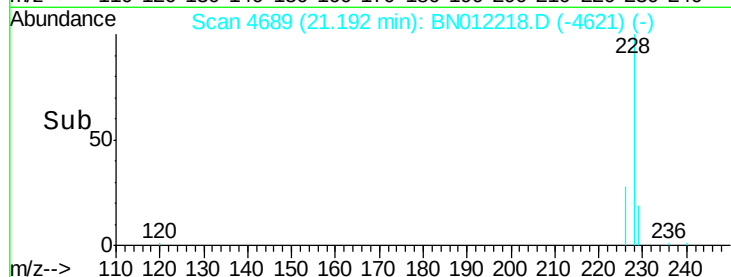
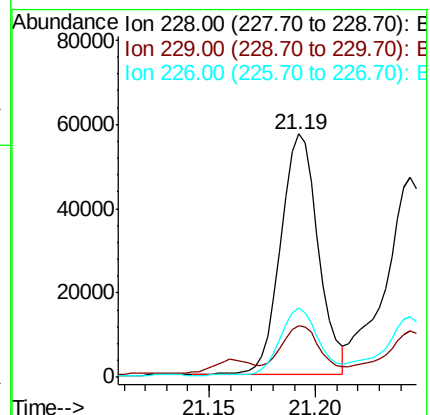
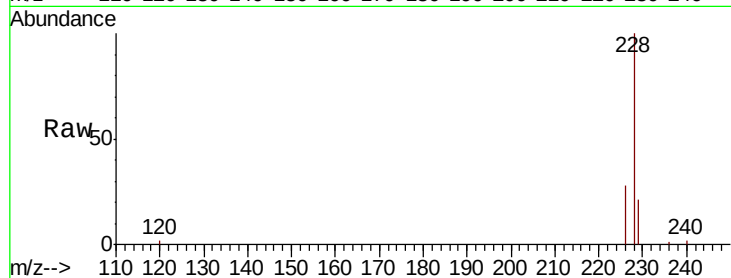
Tot Ion:228 Resp: 70050

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.8

226 28.4 22.6 33.8



#19

Chrysene

Concen: 1.728 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

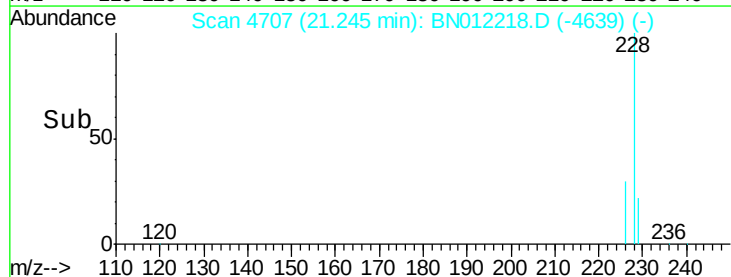
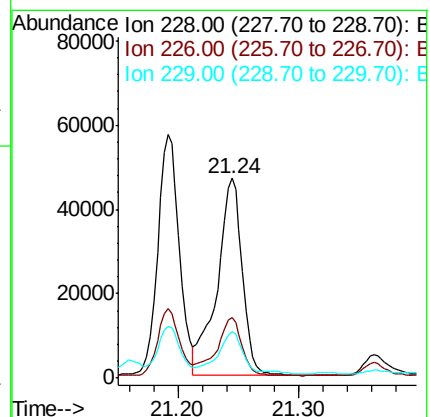
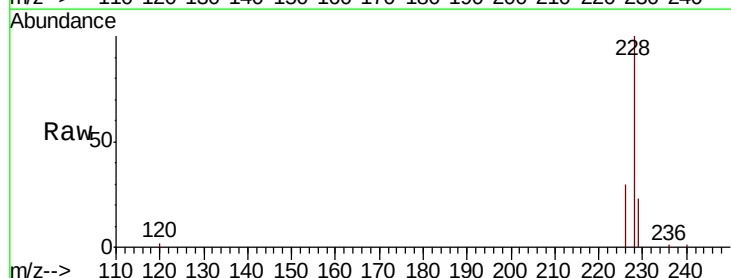
Tgt Ion:228 Resp: 67276

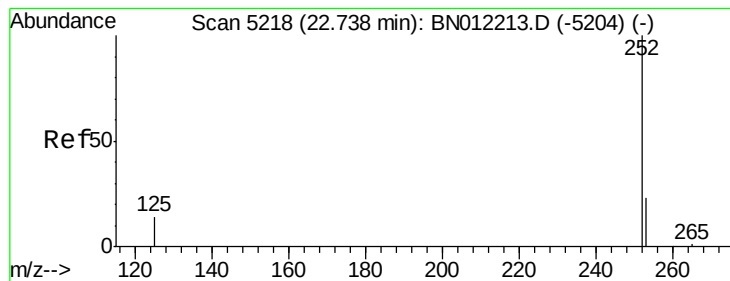
Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 23.3 17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 3.527 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. 0.01 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

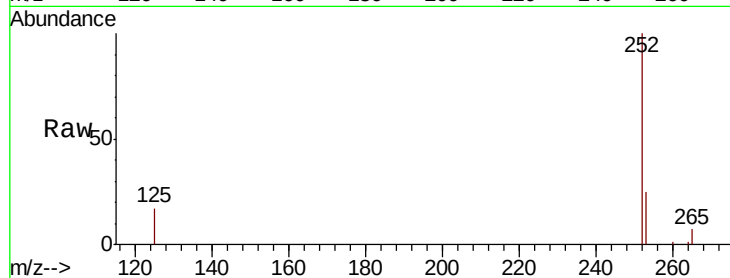
Tot Ion:252 Resp: 126577

Ion Ratio Lower Upper

252 100

253 25.5 0.0 61.6

125 17.3 0.0 36.8



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

22.74

60000

50000

40000

30000

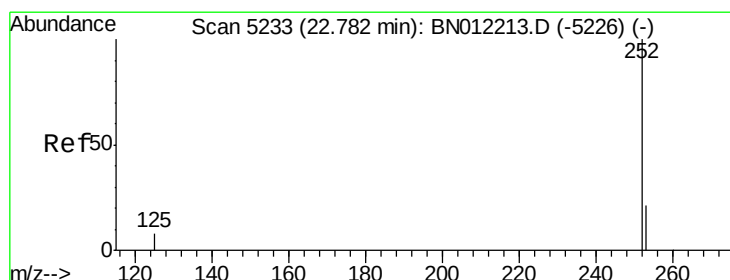
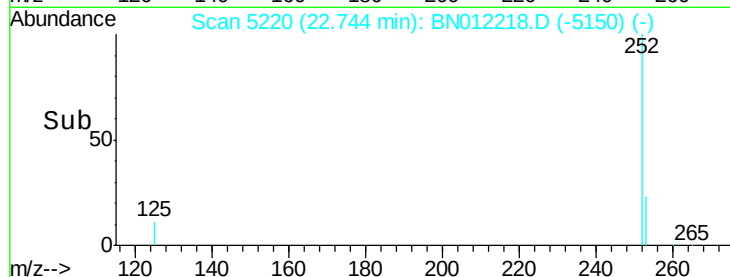
20000

10000

0

22.70 22.80 22.90

Time-->



#22

Benzo(k)fluoranthene

Concen: 3.186 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

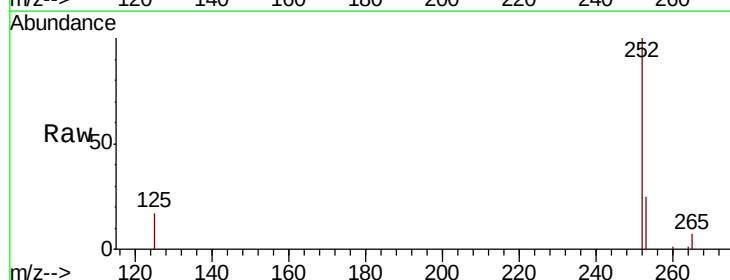
Tgt Ion:252 Resp: 126577

Ion Ratio Lower Upper

252 100

253 25.5 24.4 36.6

125 17.3 12.9 19.3



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

22.74

60000

50000

40000

30000

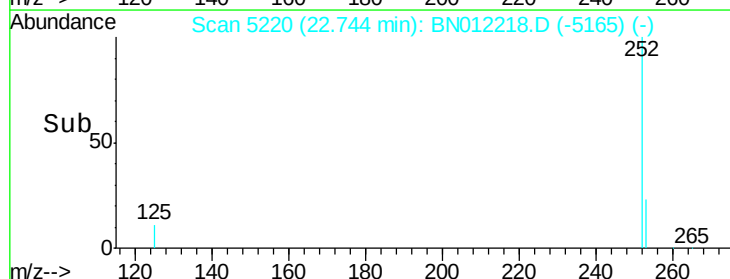
20000

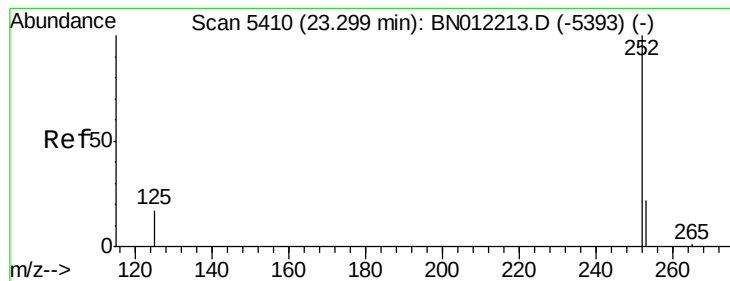
10000

0

22.70 22.80 22.90

Time-->





#23

Benzo(a)pyrene

Concen: 1.836 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

ClientSampleId :

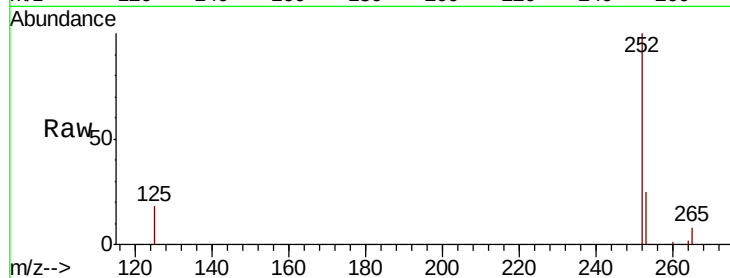
Tot Ion:252 Resp: 64105

Ion Ratio Lower Upper

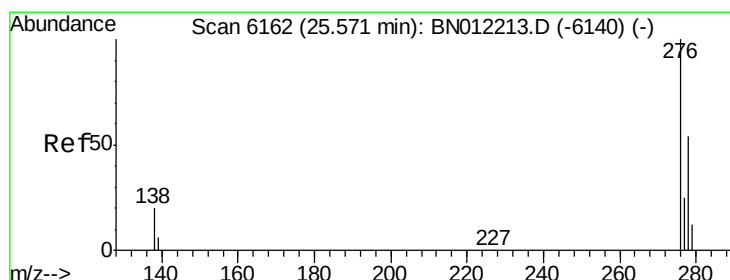
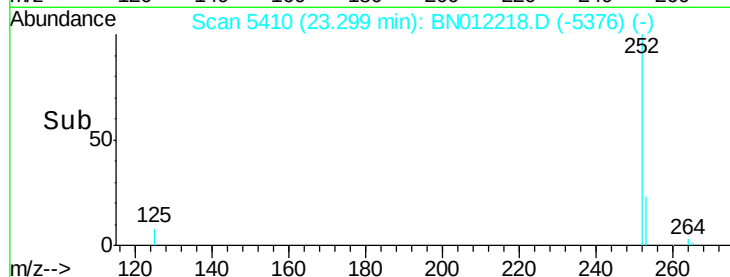
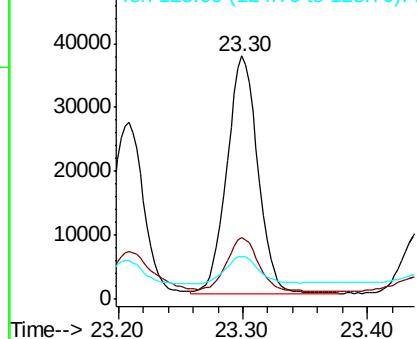
252 100

253 25.4 27.0 40.4#

125 17.7 18.8 28.2#



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: 1.073 ng/ul

RT: 25.58 min Scan# 6164

Delta R.T. 0.01 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

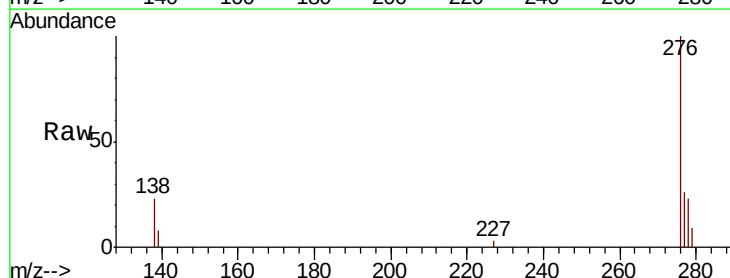
Tgt Ion:276 Resp: 48130

Ion Ratio Lower Upper

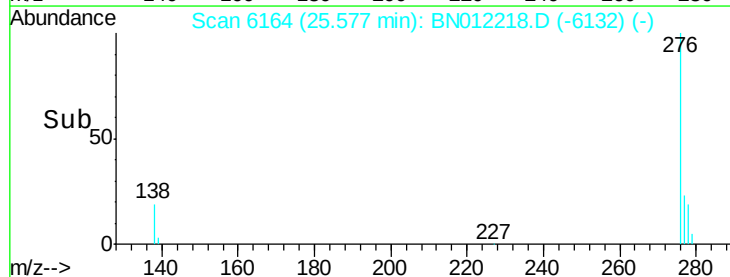
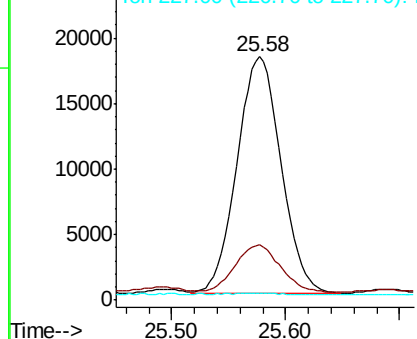
276 100

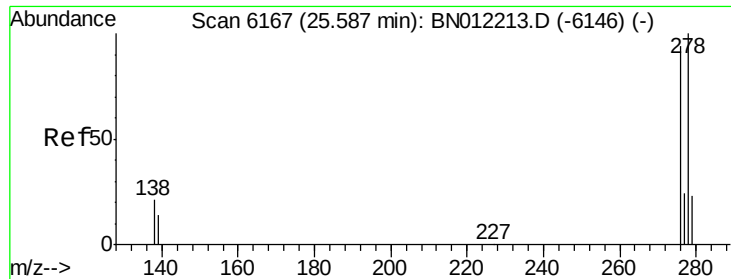
138 20.2 0.0 0.0#

227 0.4 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

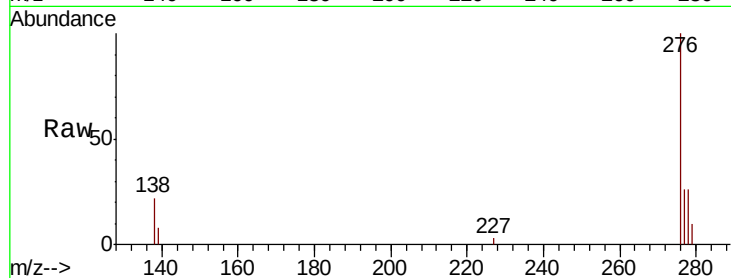




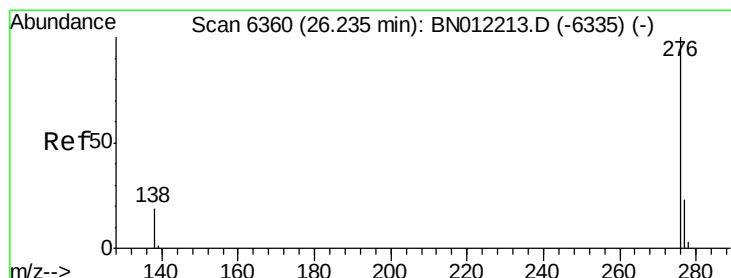
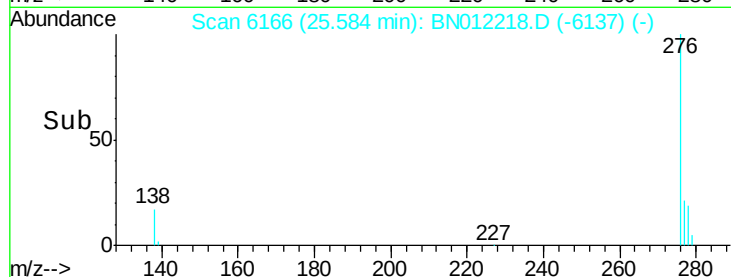
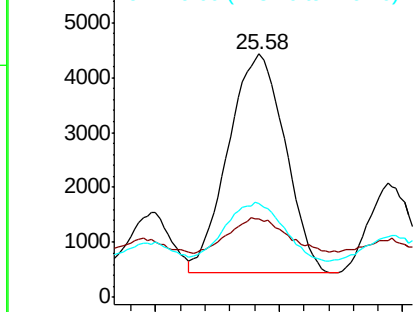
#25
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.00 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 12705
Ion Ratio Lower Upper
278 100
139 32.1 15.7 23.5#
279 38.4 26.0 39.0

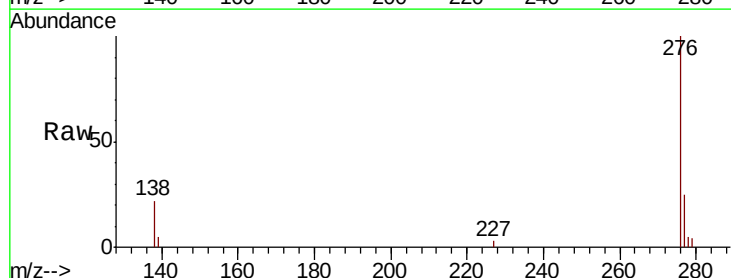


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.105 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Tgt Ion:276 Resp: 45439
Ion Ratio Lower Upper
276 100
138 22.5 17.1 25.7
277 25.4 21.1 31.7



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

