

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012918.D
 Acq On : 06 Dec 2020 15:29
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B26

Quant Time: Dec 07 03:08:45 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 : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

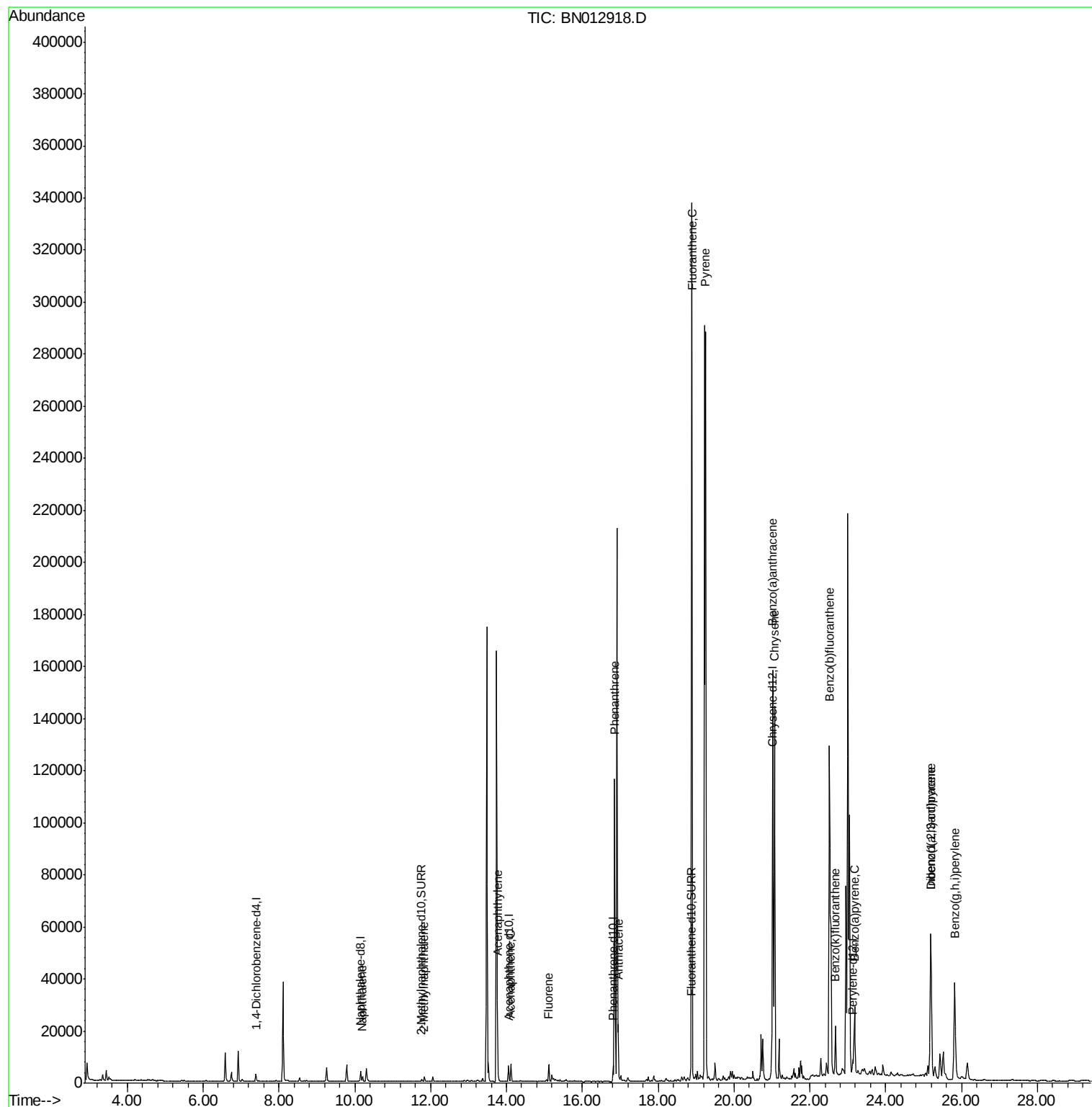
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1337	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	5528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	3183	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	7141	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	6273	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	5907	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1043	0.13	ng/ul	-0.02
14) Fluoranthene-d10	18.85	212	2645	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	2605	0.163	ng/ul	96
5) 2-Methylnaphthalene	11.83	142	1471	0.140	ng/ul	98
7) Acenaphthylene	13.77	152	4322	0.287	ng/ul	97
8) Acenaphthene	14.12	153	4002	0.324	ng/ul	98
9) Fluorene	15.11	166	4091	0.288	ng/ul	99
12) Phenanthrene	16.85	178	115831	4.838	ng/ul	97
13) Anthracene	16.94	178	19777	0.971	ng/ul	95
15) Fluoranthene	18.89	202	281840	9.906	ng/ul	96
17) Pyrene	19.25	202	237717	8.023	ng/ul	99
18) Benzo(a)anthracene	21.02	228	128234	4.941	ng/ul	99
19) Chrysene	21.07	228	135185	4.714	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	260338	9.527	ng/ul	88
22) Benzo(k)fluoranthene	22.68	252	21423	0.709	ng/ul	100
23) Benzo(a)pyrene	23.18	252	19537	0.770	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.19	276	81487	2.446	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	19701	0.748	ng/ul	95
26) Benzo(a,h,i)perylene	25.82	276	70025	2.324	ng/ul	96

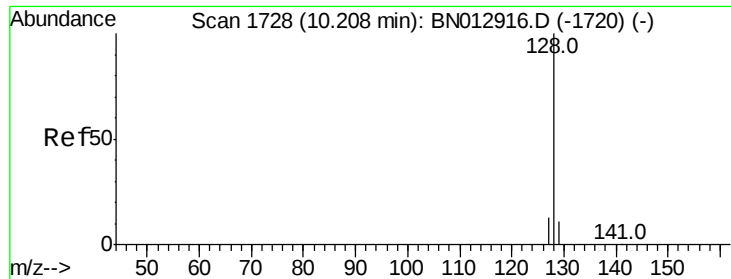
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.163 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

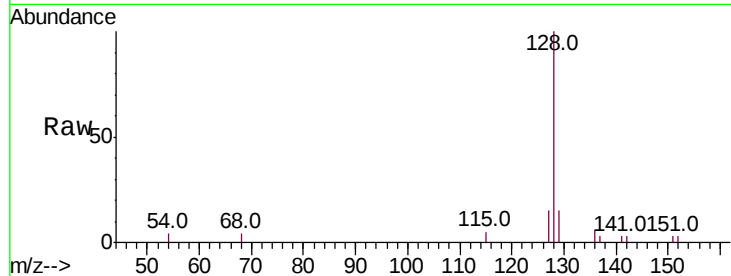
Tot Ion:128 Resp: 2605

Ion Ratio Lower Upper

128 100

129 14.5 12.3 18.5

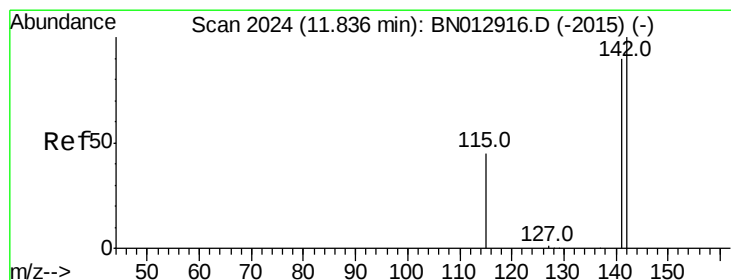
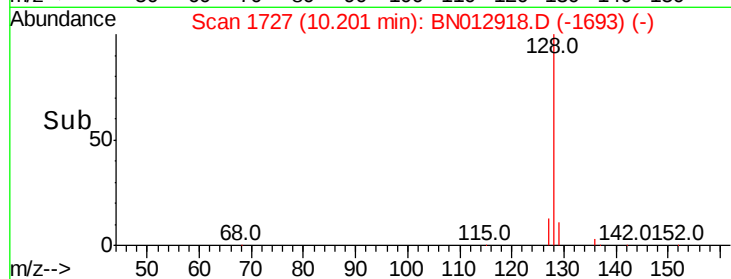
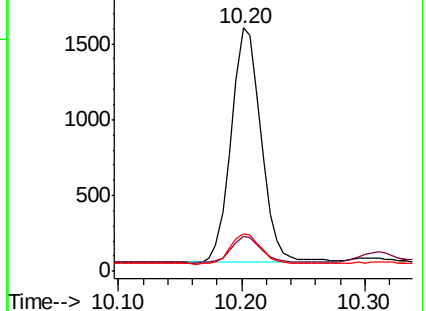
127 15.4 14.2 21.4



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



#5

2-Methylnaphthalene

Concen: 0.140 ng/ul

RT: 11.83 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012918.D

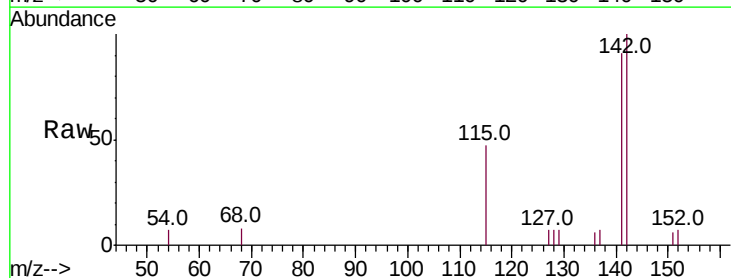
Acq: 06 Dec 2020 15:29

Tgt Ion:142 Resp: 1471

Ion Ratio Lower Upper

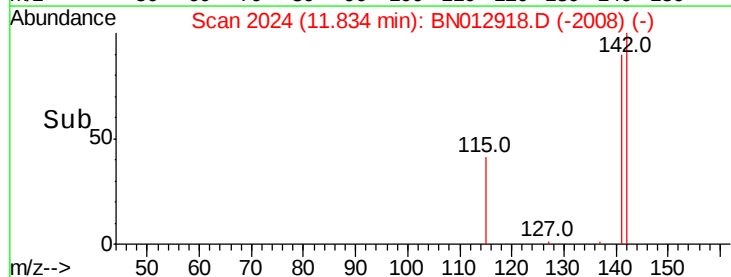
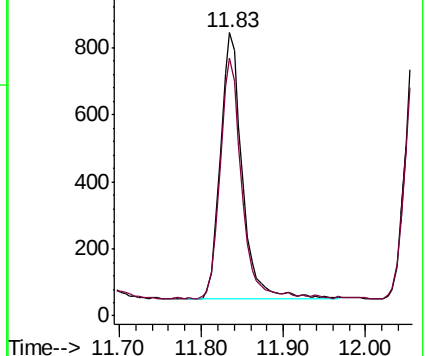
142 100

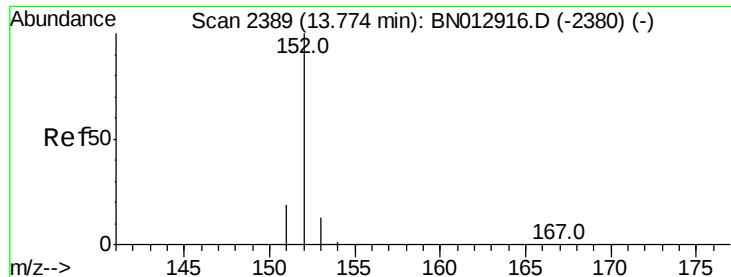
141 89.4 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.287 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

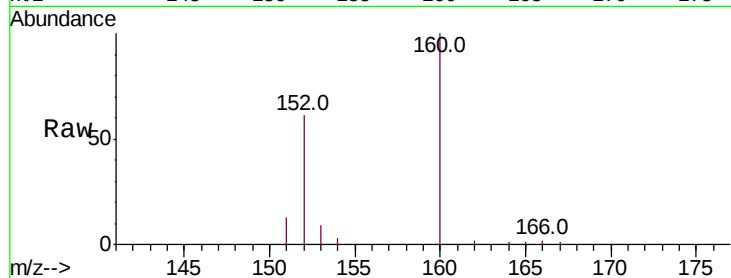
Tot Ion:152 Resp: 4322

Ion Ratio Lower Upper

152 100

151 21.5 18.2 27.4

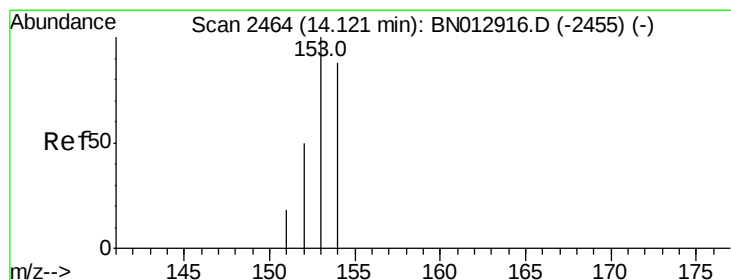
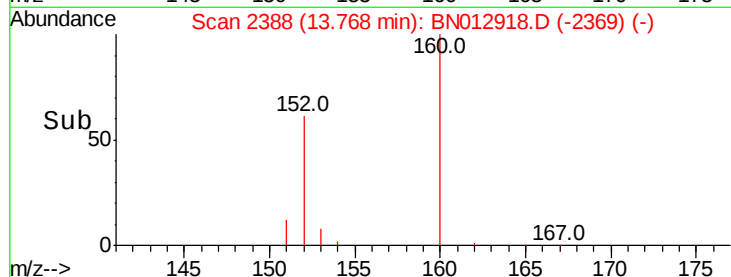
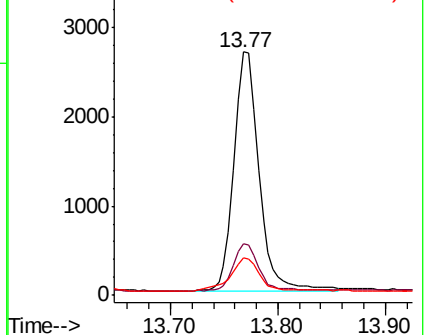
153 15.2 13.1 19.7



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: 0.324 ng/ul

RT: 14.12 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

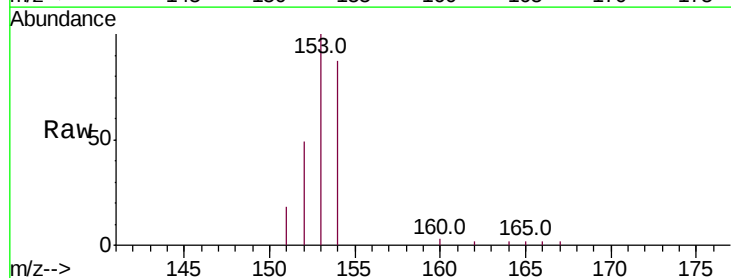
Tgt Ion:153 Resp: 4002

Ion Ratio Lower Upper

153 100

152 49.1 40.7 61.1

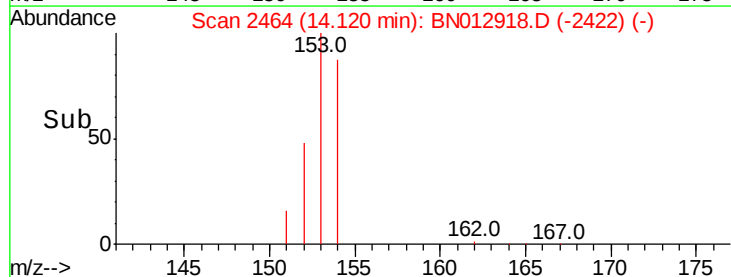
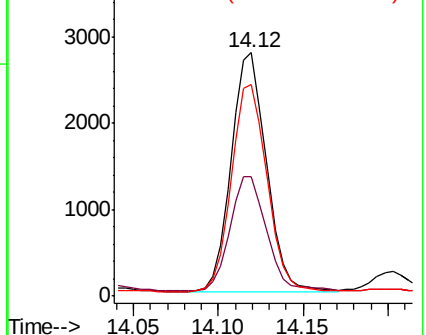
154 86.8 70.8 106.2

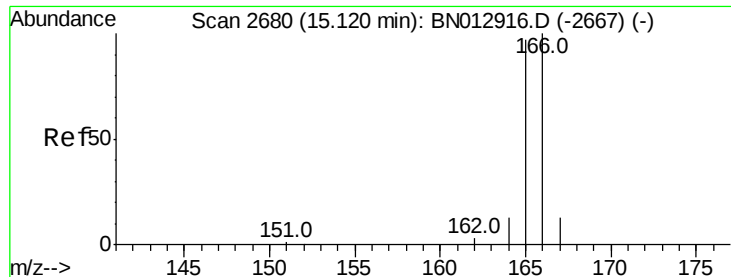


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.288 ng/ul

RT: 15.11 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

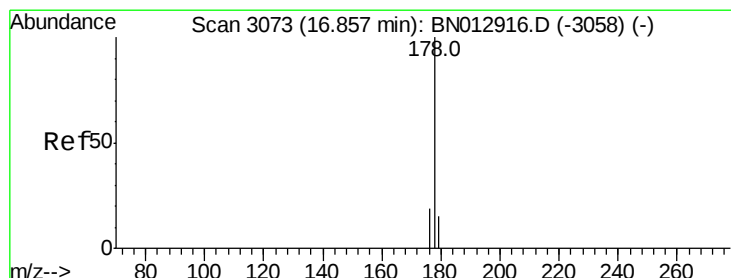
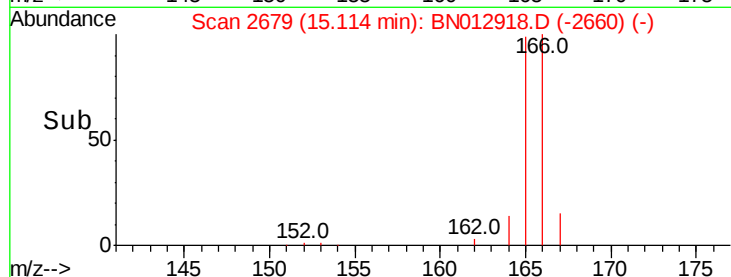
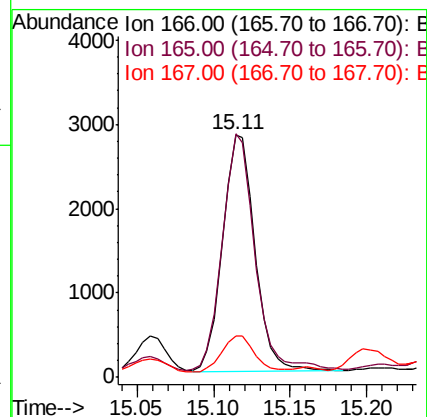
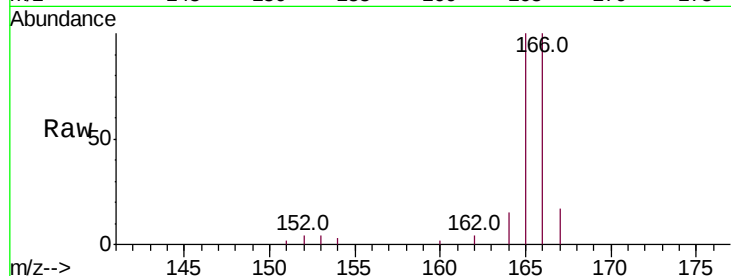
Tot Ion:166 Resp: 4091

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

167 16.9 13.8 20.8



#12

Phenanthrene

Concen: 4.838 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

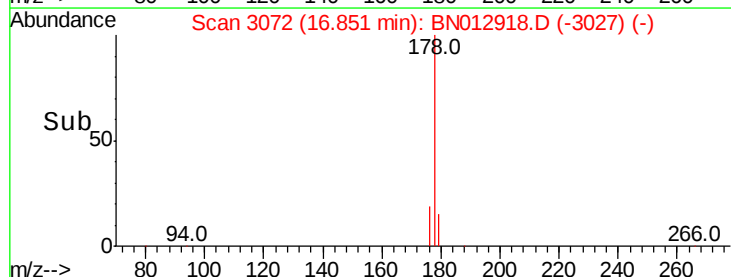
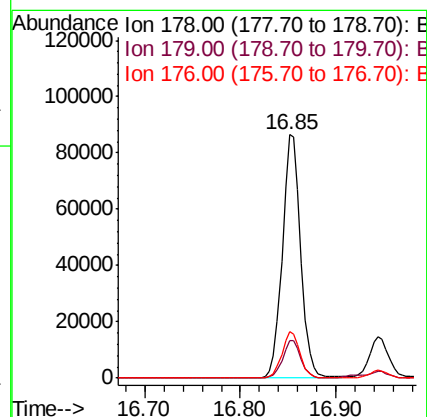
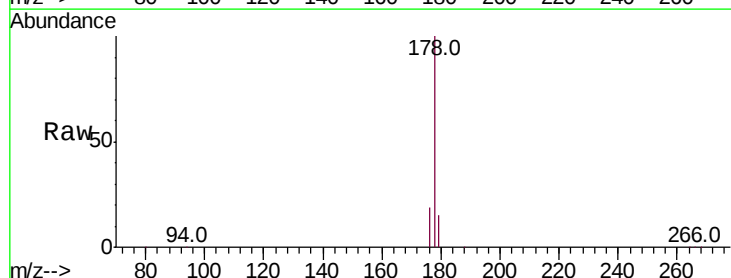
Tgt Ion:178 Resp: 115831

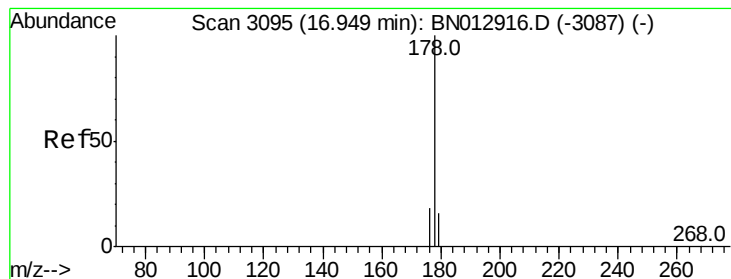
Ion Ratio Lower Upper

178 100

179 15.4 13.6 20.4

176 19.1 16.4 24.6





#13

Anthracene

Concen: 0.971 ng/ul

RT: 16.94 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

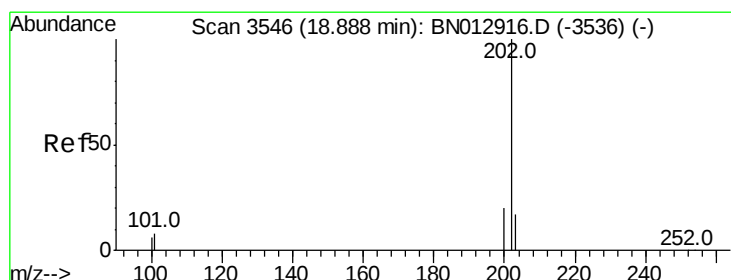
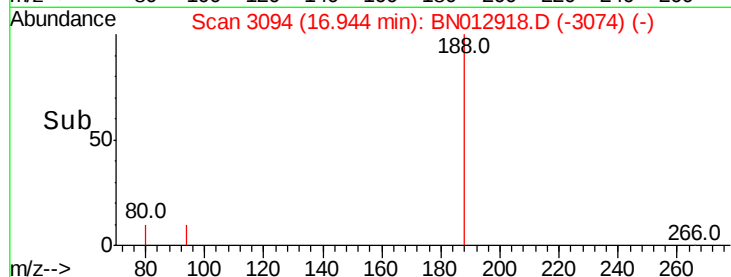
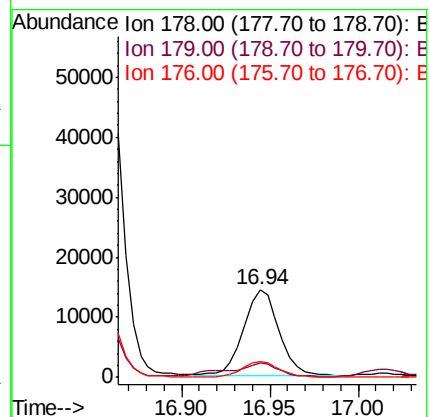
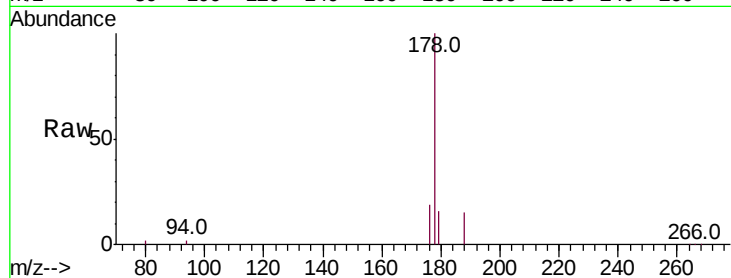
Tot Ion:178 Resp: 19777

Ion Ratio Lower Upper

178 100

179 16.5 14.6 21.8

176 18.6 17.1 25.7



#15

Fluoranthene

Concen: 9.906 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

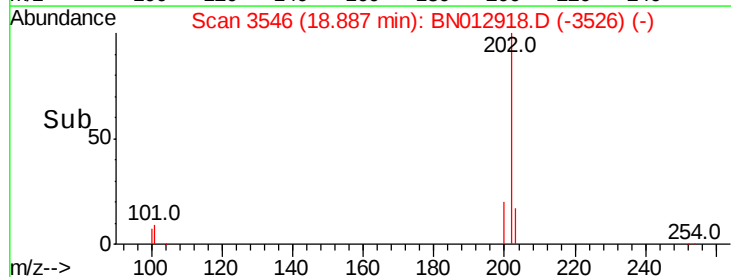
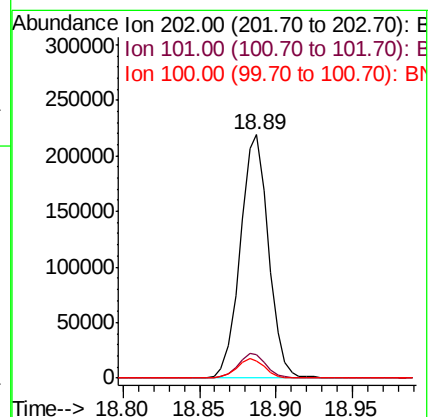
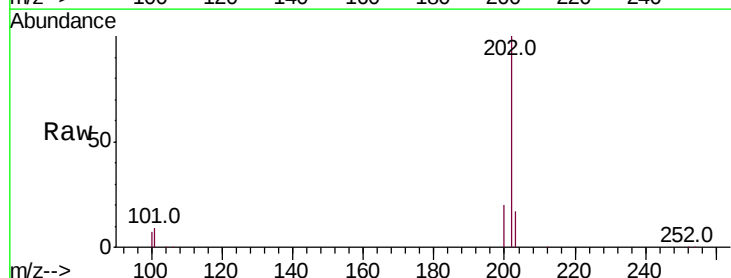
Tgt Ion:202 Resp: 281840

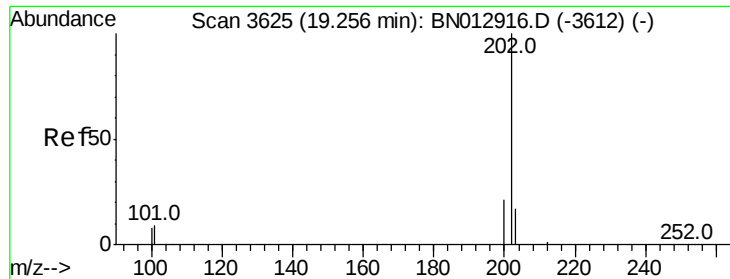
Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.6

100 7.1 0.0 28.7

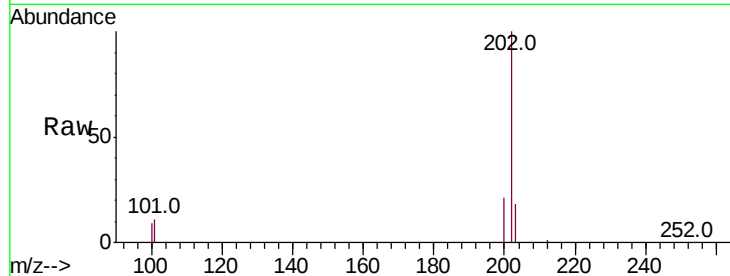




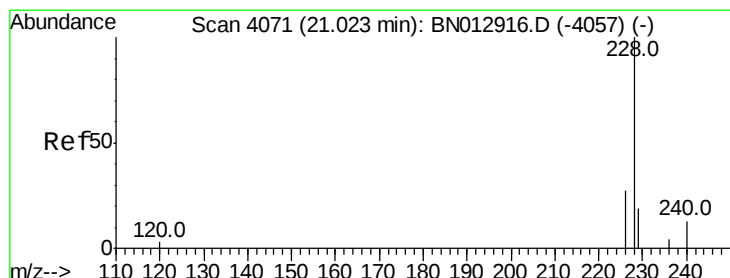
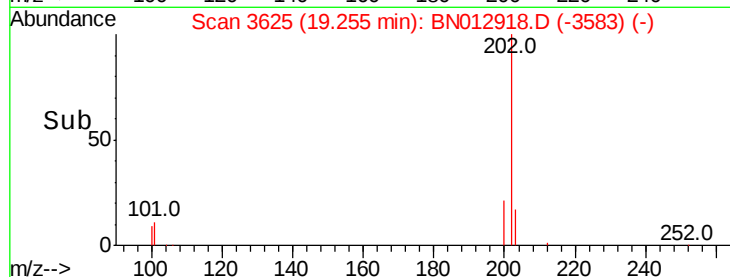
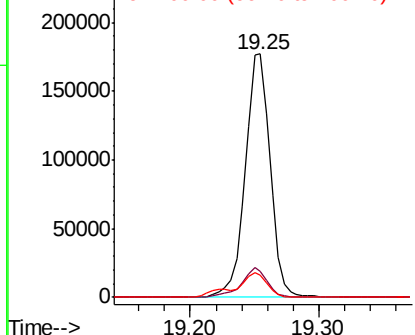
#17
Pvrene
Concen: 8.023 ng/ul
RT: 19.25 min Scan# 3625
Delta R.T. -0.01 min
Lab File: BN012918.D
Acq: 06 Dec 2020 15:29

Instrument :
BNA_N
ClientSampleId :
C0B26

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	8.9	7.5	11.3

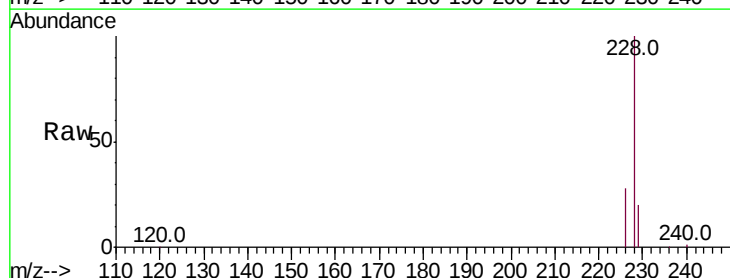


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

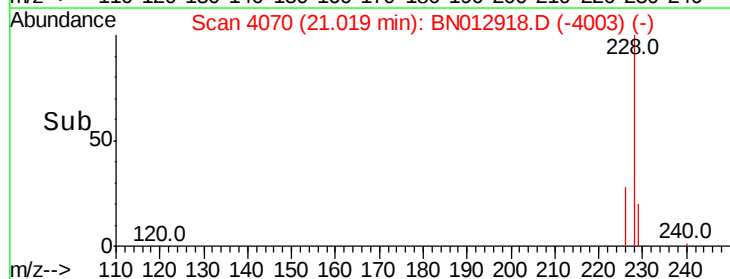
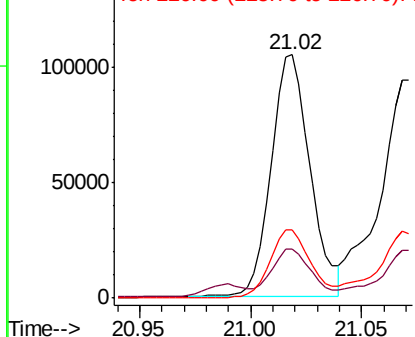


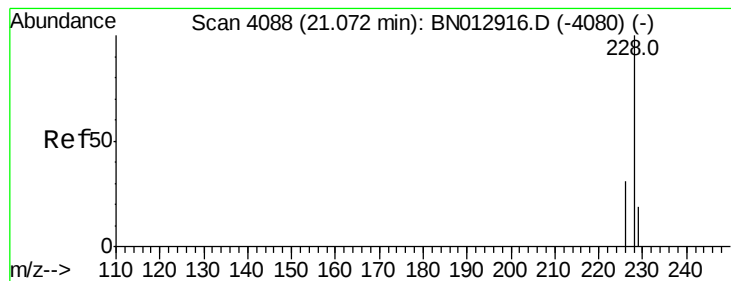
#18
Benzo(a)anthracene
Concen: 4.941 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012918.D
Acq: 06 Dec 2020 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.0	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: 4.714 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

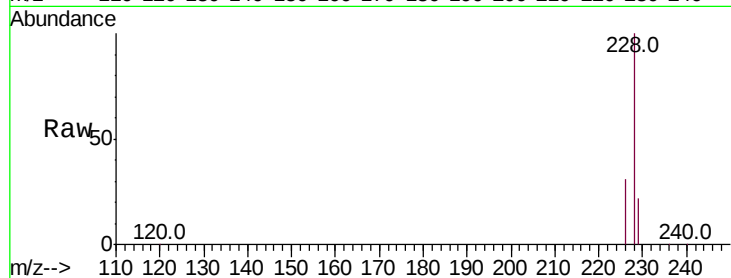
Tot Ion:228 Resp: 135185

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

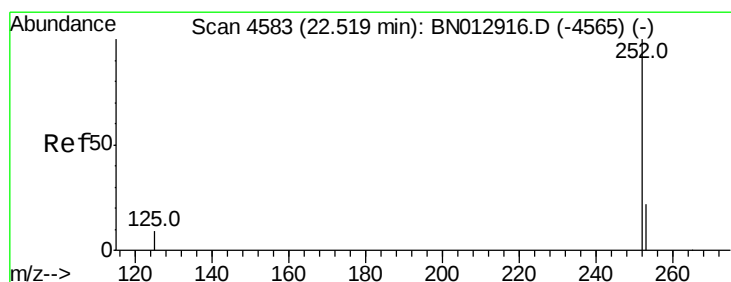
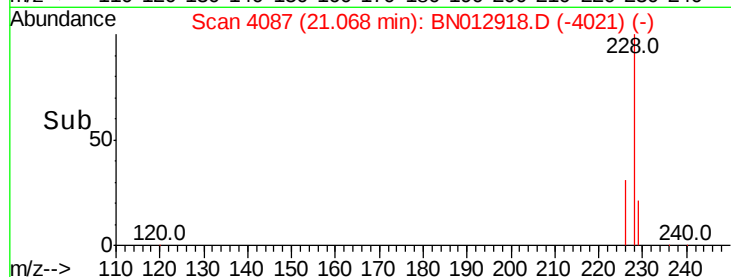
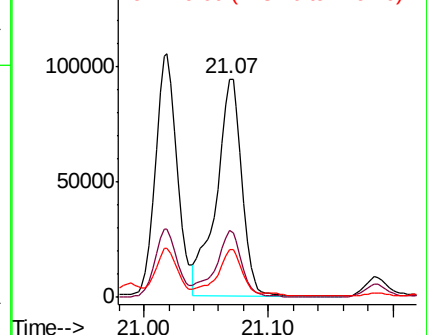
229 21.7 16.4 24.6



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: 9.527 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

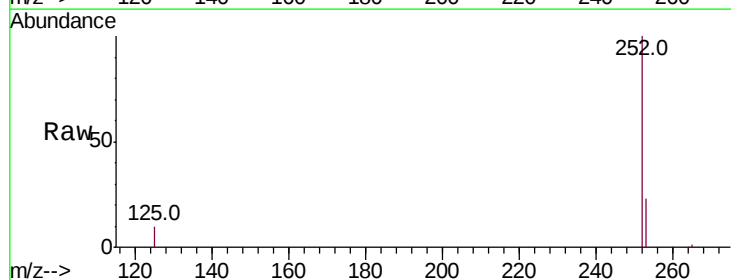
Tgt Ion:252 Resp: 260338

Ion Ratio Lower Upper

252 100

253 22.5 0.0 59.6

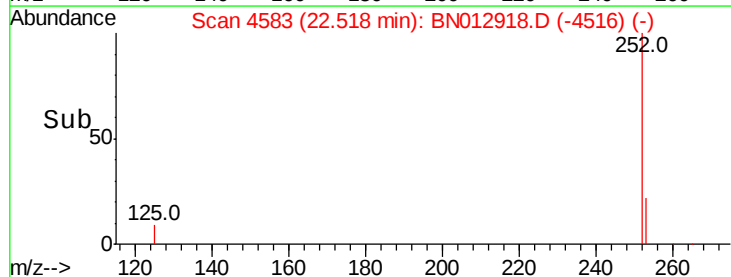
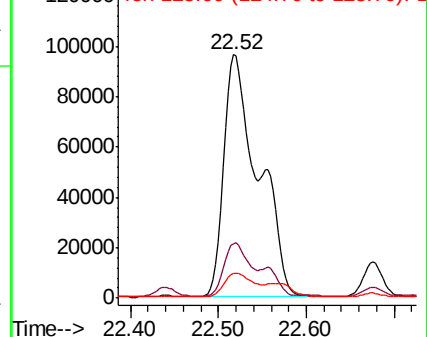
125 9.9 0.0 26.0

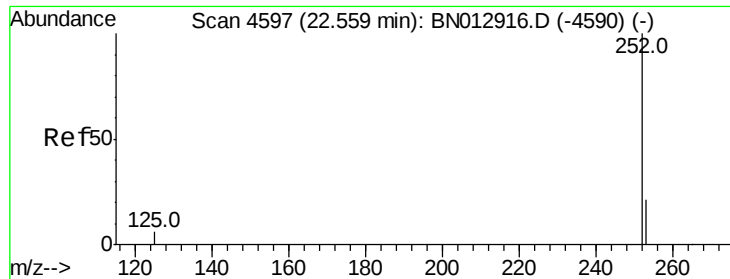


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.709 ng/ul

RT: 22.68 min Scan# 4637

Delta R.T. 0.11 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

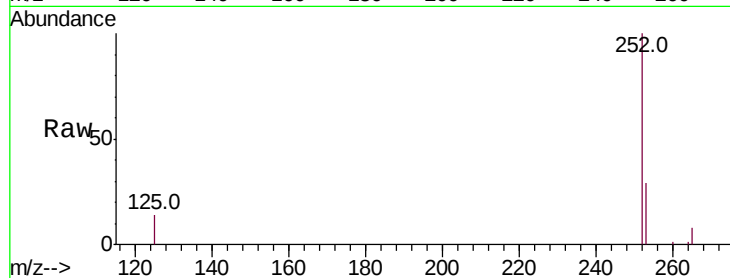
Tot Ion:252 Resp: 21423

Ion Ratio Lower Upper

252 100

253 29.5 23.4 35.2

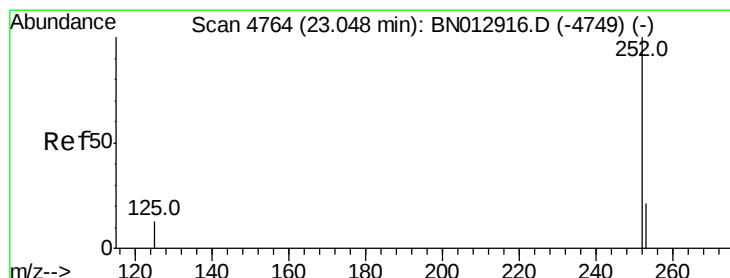
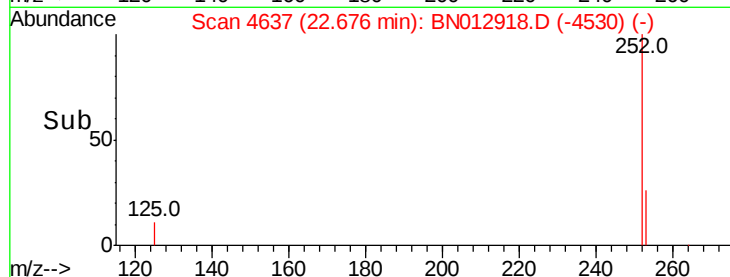
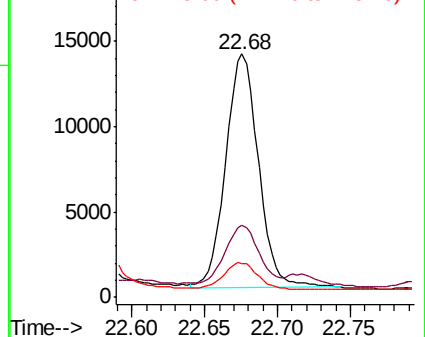
125 14.1 11.1 16.7



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: 0.770 ng/ul

RT: 23.18 min Scan# 4809

Delta R.T. 0.13 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

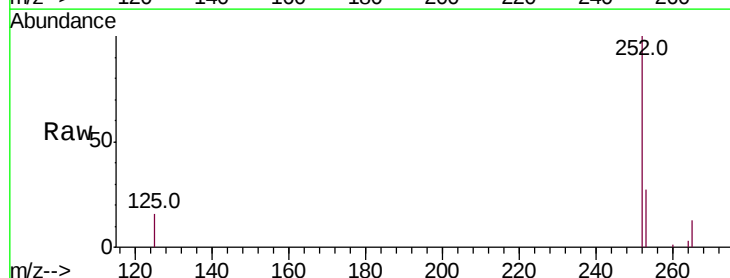
Tgt Ion:252 Resp: 19537

Ion Ratio Lower Upper

252 100

253 26.6 26.5 39.7

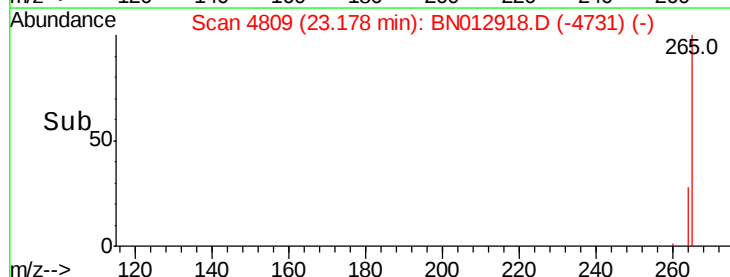
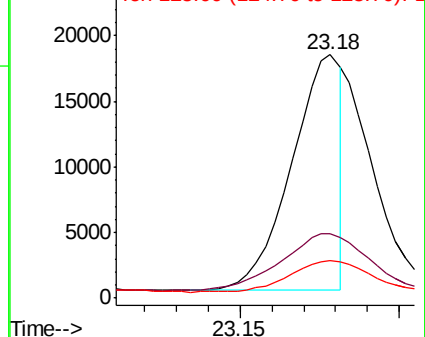
125 15.5 14.2 21.2

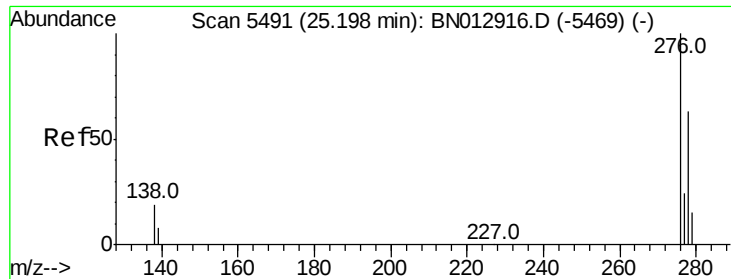


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



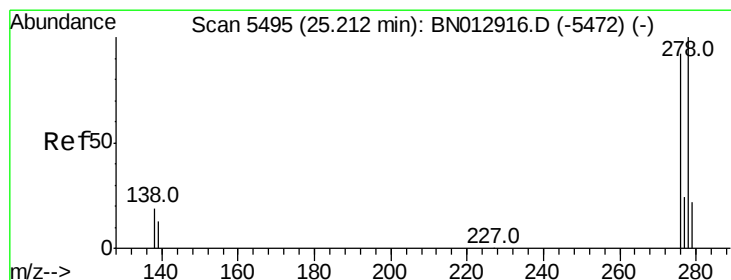
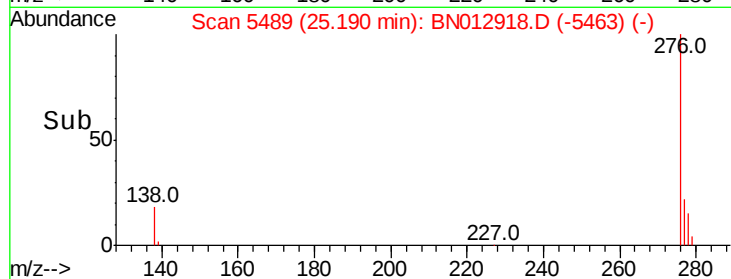
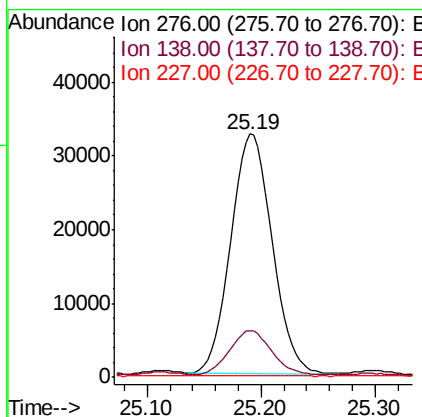
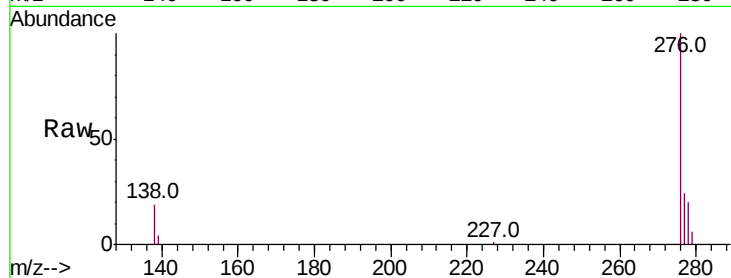


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.446 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.01 min
Lab File: BN012918.D
Acq: 06 Dec 2020 15:29

Instrument :
BNA_N
ClientSampleId :
C0B26

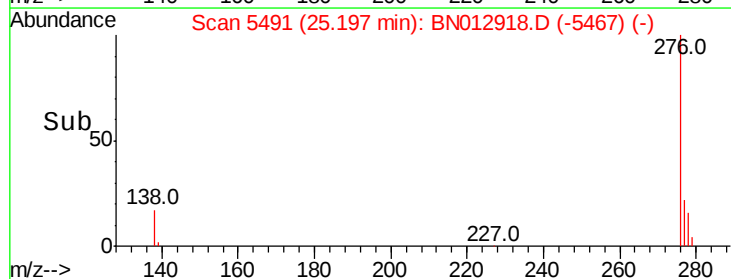
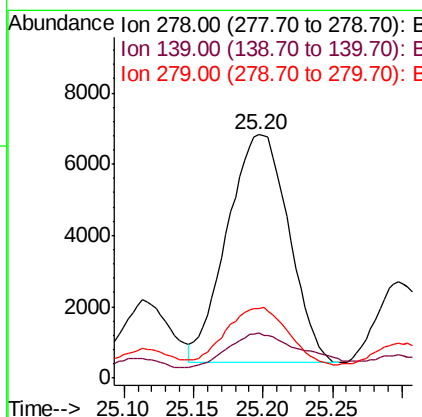
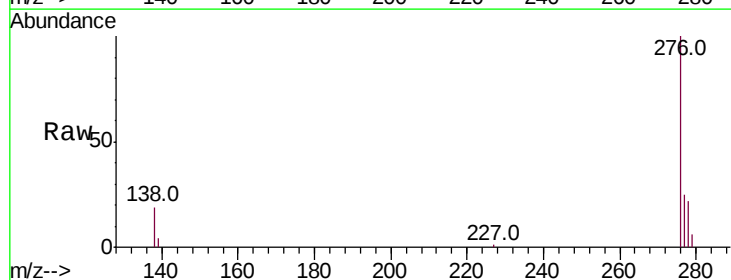
Tot Ion:276 Resp: 81487
Ion Ratio Lower Upper
276 100
138 18.8 16.2 24.2
227 0.1 0.0 0.0#

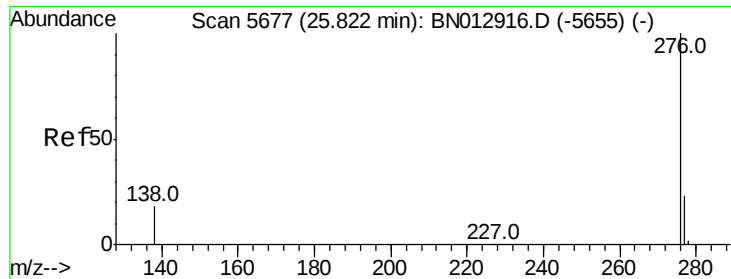


#25

Dibenzo(a,h)anthracene
Concen: 0.748 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012918.D
Acq: 06 Dec 2020 15:29

Tgt Ion:278 Resp: 19701
Ion Ratio Lower Upper
278 100
139 18.5 14.5 21.7
279 28.7 26.3 39.5





#26

Benzo(a,h,i)perylene

Concen: 2.324 ng/ul

RT: 25.82 min Scan# 5677

Delta R.T. -0.01 min

Lab File: BN012918.D

Acq: 06 Dec 2020 15:29

Instrument :

BNA_N

ClientSampleId :

C0B26

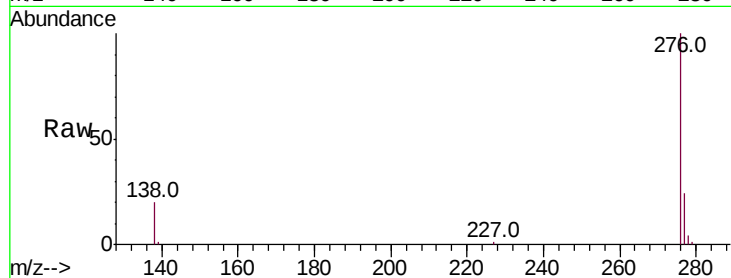
Tot Ion:276 Resp: 70025

Ion Ratio Lower Upper

276 100

138 19.8 16.3 24.5

277 24.3 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

