

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012917.D
 Acq On : 06 Dec 2020 14:53
 Operator : CG/JU
 Sample : L4859-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B97

Quant Time: Dec 07 03:08:37 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 10:02:32 2020
 Response via : Initial Calibration

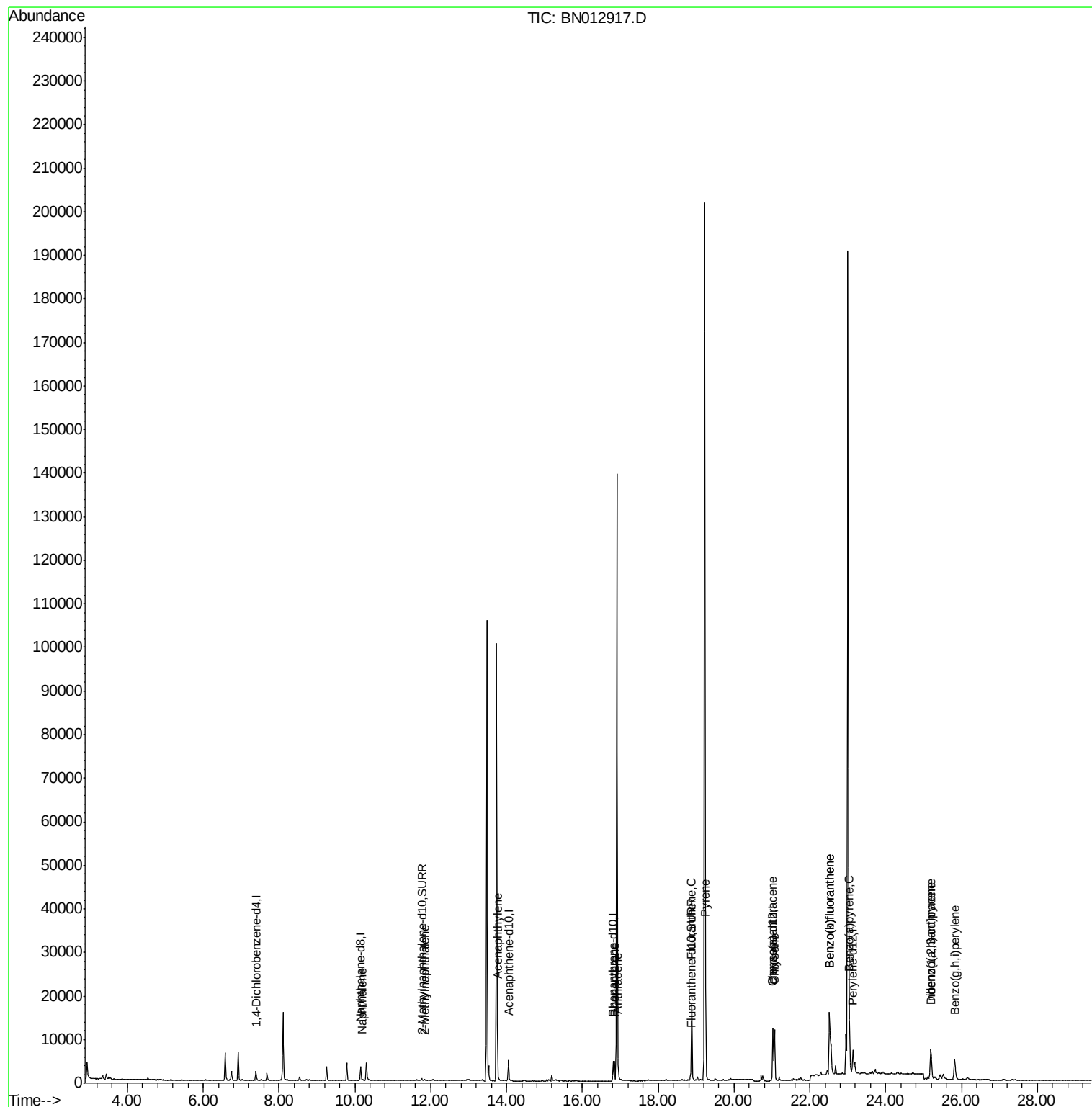
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1056	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4087	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	2413	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5443	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5442	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6271	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	566	0.09	ng/ul	-0.01
14) Fluoranthene-d10	18.86	212	1764	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	361	0.031	ng/ul#	71
5) 2-Methylnaphthalene	11.84	142	195	0.025	ng/ul	99
7) Acenaphthylene	13.77	152	975	0.085	ng/ul#	93
12) Phenanthrene	16.85	178	4715	0.258	ng/ul	100
13) Anthracene	16.95	178	1269	0.082	ng/ul#	93
15) Fluoranthene	18.88	202	15878	0.732	ng/ul	97
17) Pyrene	19.25	202	16526	0.643	ng/ul	99
18) Benzo(a)anthracene	21.02	228	9340	0.415	ng/ul	100
19) Chrysene	21.07	228	12109	0.487	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	29334	1.011	ng/ul	93
22) Benzo(k)fluoranthene	22.52	252	29334	0.915	ng/ul	93
23) Benzo(a)pyrene	23.04	252	12952	0.481	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.19	276	10226	0.289	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	2712	0.097	ng/ul#	87
26) Benzo(g,h,i)perylene	25.82	276	9367	0.293	ng/ul	98

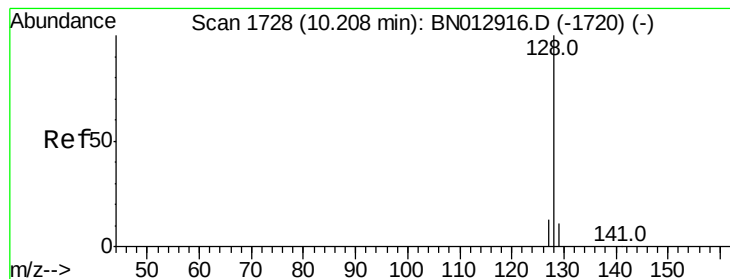
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

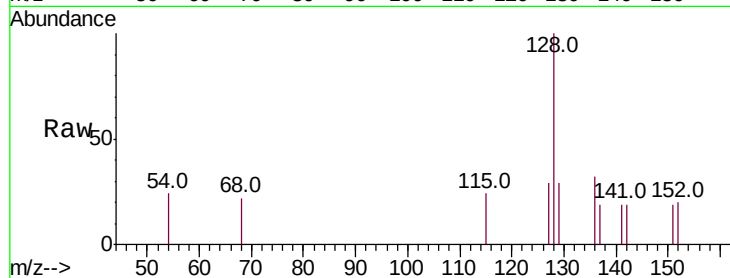
Tot Ion:128 Resp: 361

Ion Ratio Lower Upper

128 100

129 29.0 12.3 18.5#

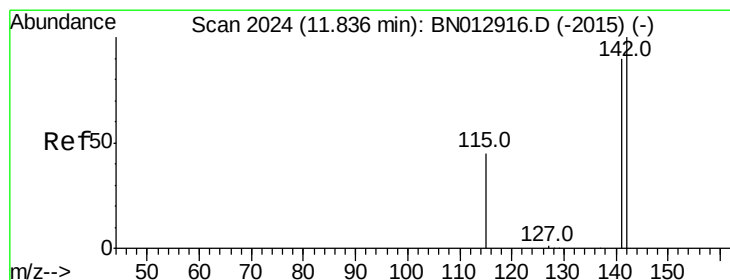
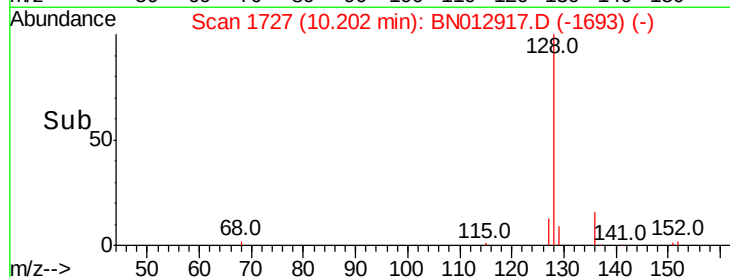
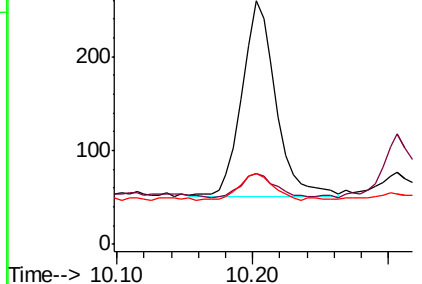
127 29.0 14.2 21.4#



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: 0.025 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012917.D

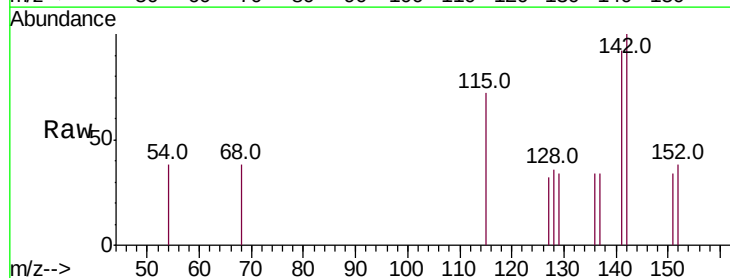
Acq: 06 Dec 2020 14:53

Tgt Ion:142 Resp: 195

Ion Ratio Lower Upper

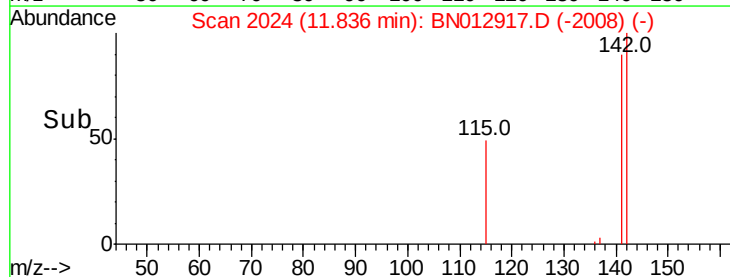
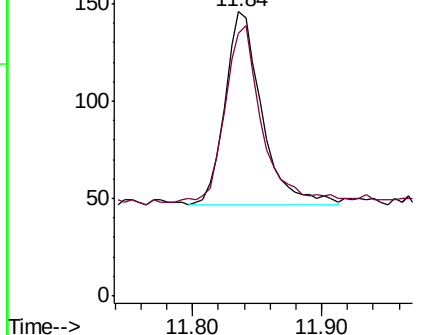
142 100

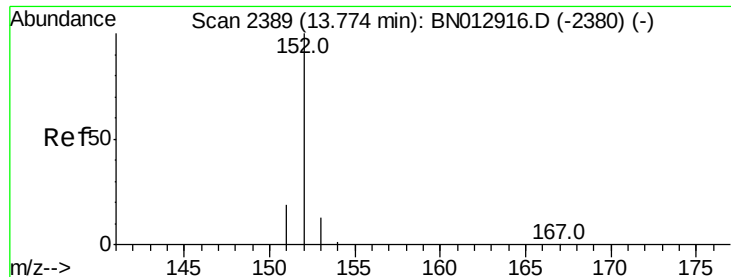
141 92.3 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

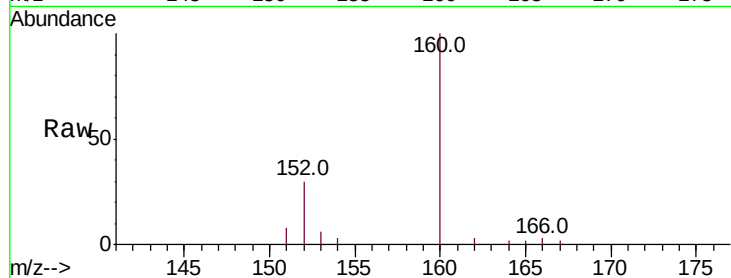
Tot Ion:152 Resp: 975

Ion Ratio Lower Upper

152 100

151 25.3 18.2 27.4

153 20.2 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

13.77

800

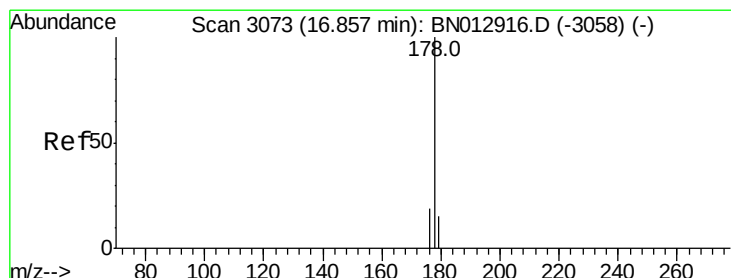
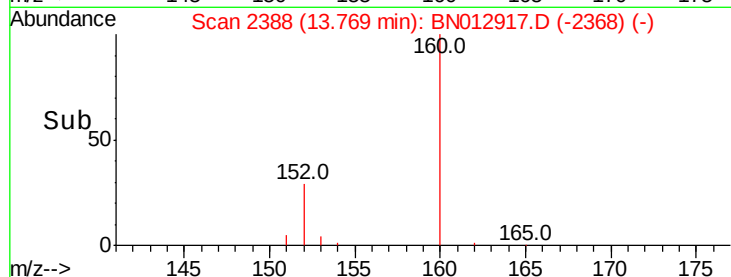
600

400

200

0

Time-->



#12

Phenanthrene

Concen: 0.258 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

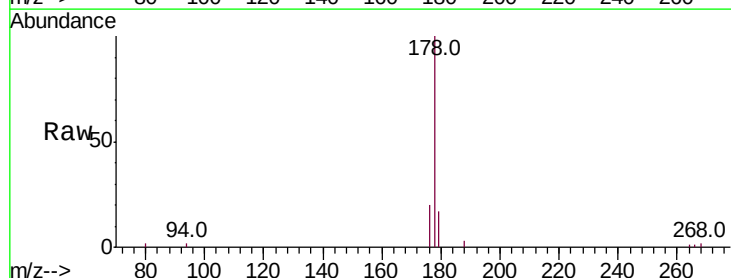
Tgt Ion:178 Resp: 4715

Ion Ratio Lower Upper

178 100

179 16.7 13.6 20.4

176 20.5 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

16.85

4000

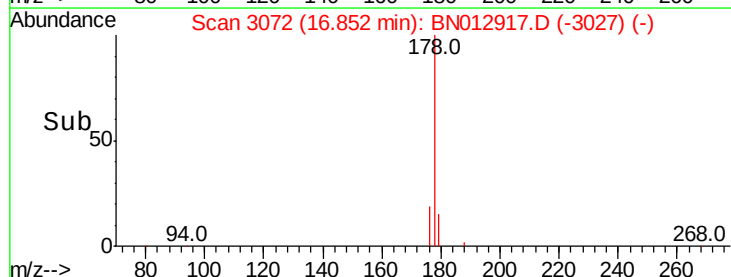
3000

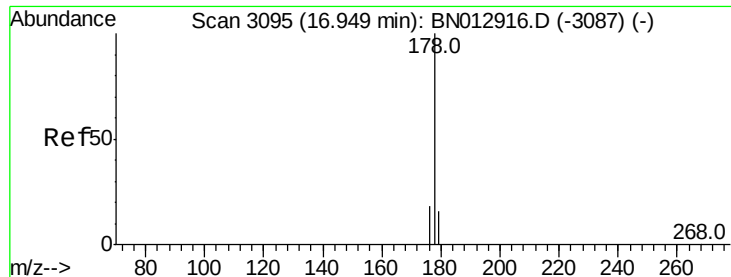
2000

1000

0

Time-->





#13

Anthracene

Concen: 0.082 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

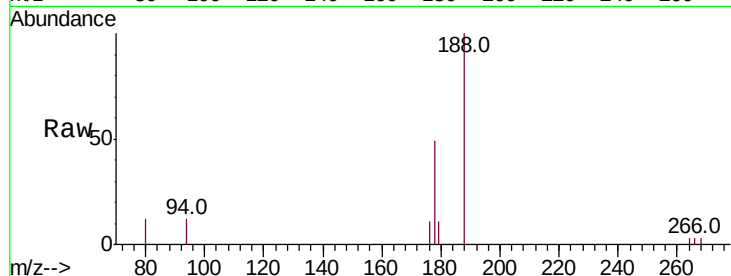
Tot Ion:178 Resp: 1269

Ion Ratio Lower Upper

178 100

179 22.9 14.6 21.8#

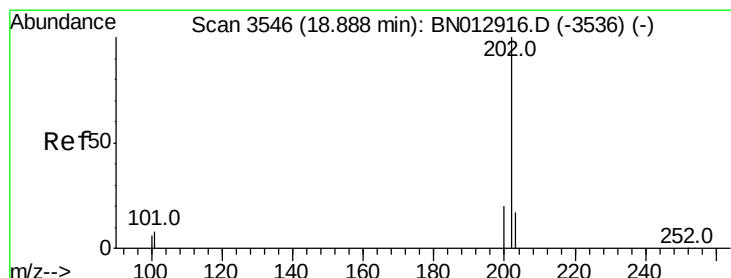
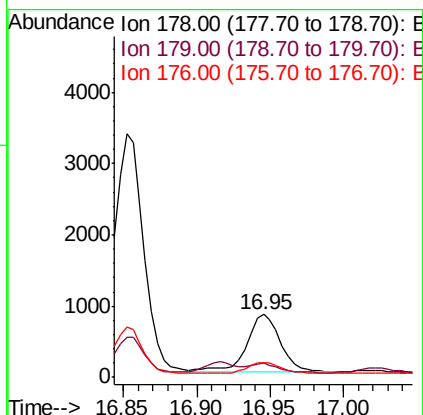
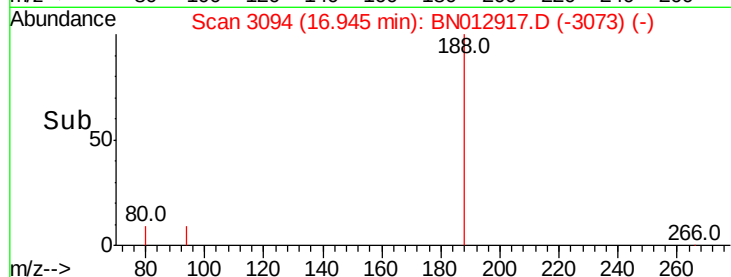
176 23.2 17.1 25.7



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: 0.732 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

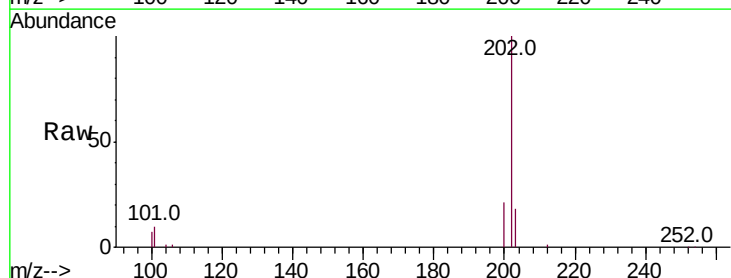
Tgt Ion:202 Resp: 15878

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.6

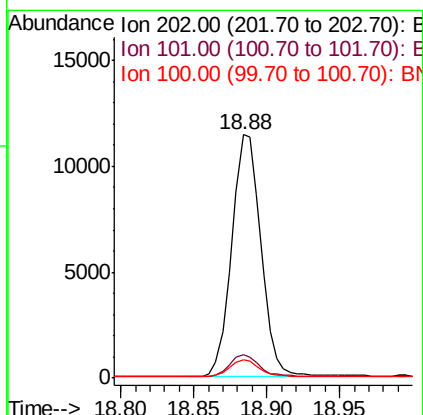
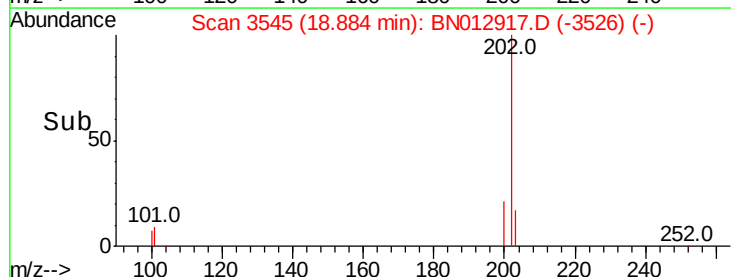
100 7.3 0.0 28.7

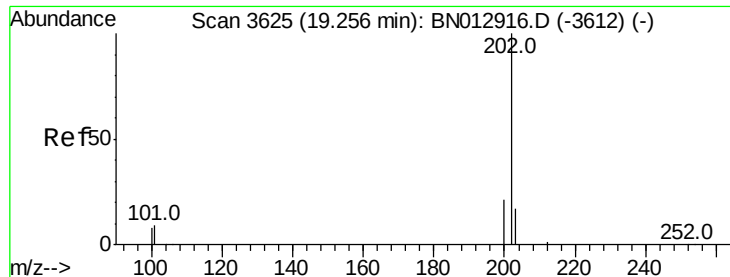


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.643 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

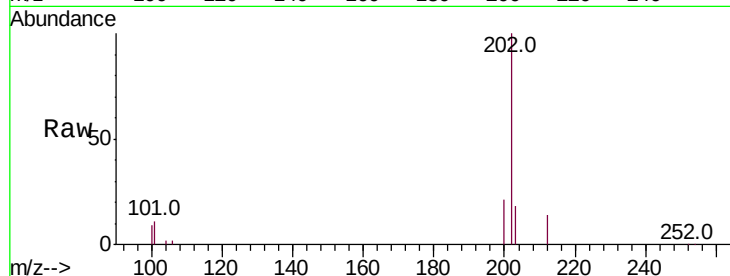
Tot Ion:202 Resp: 16526

Ion Ratio Lower Upper

202 100

101 10.6 9.1 13.7

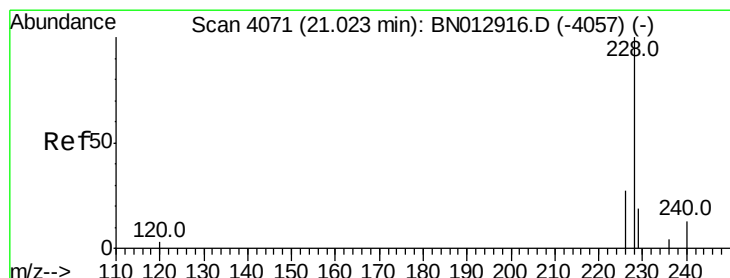
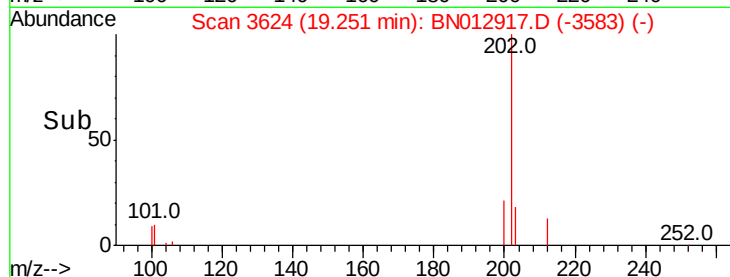
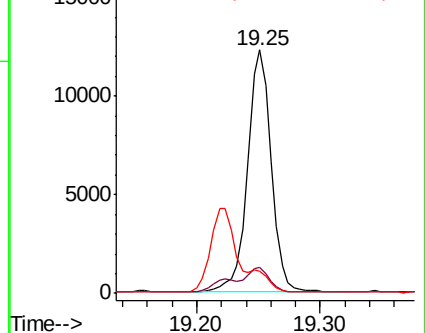
100 9.2 7.5 11.3



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: 0.415 ng/ul

RT: 21.02 min Scan# 4069

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

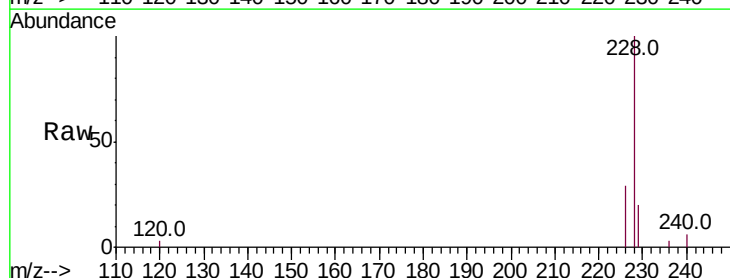
Tgt Ion:228 Resp: 9340

Ion Ratio Lower Upper

228 100

229 20.4 16.3 24.5

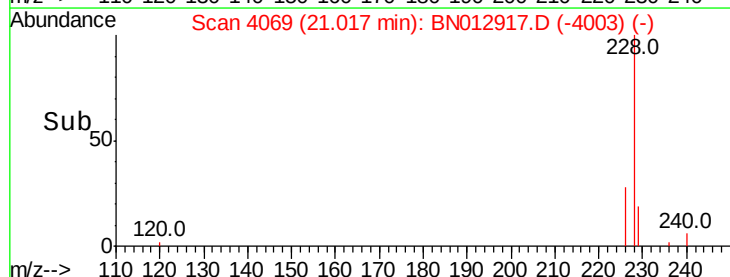
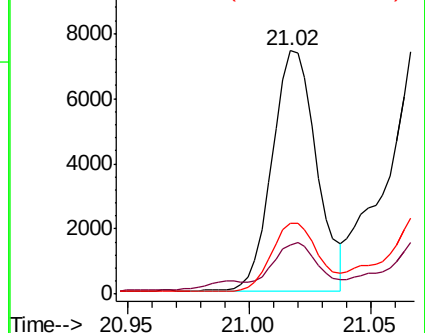
226 29.1 23.4 35.2

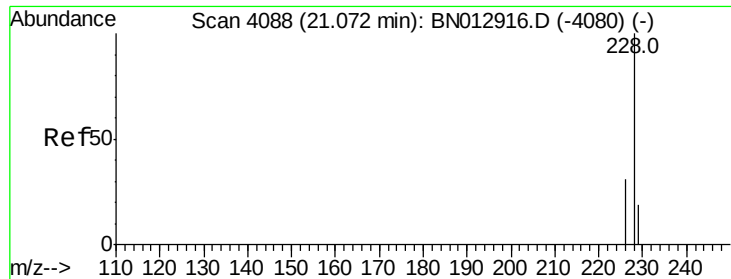


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.487 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

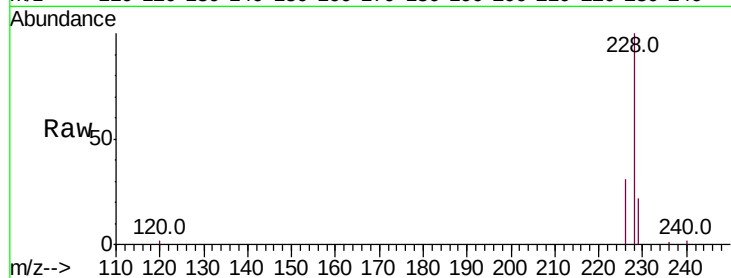
Tot Ion:228 Resp: 12109

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

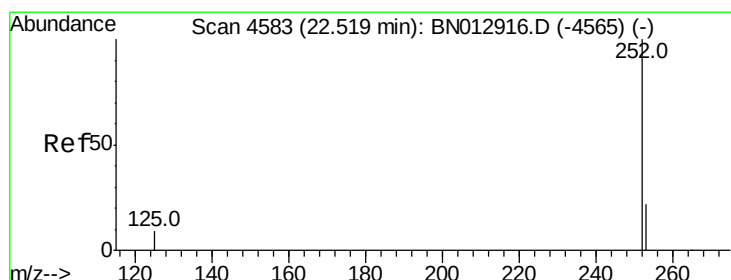
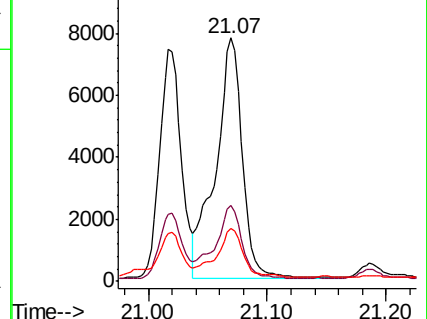
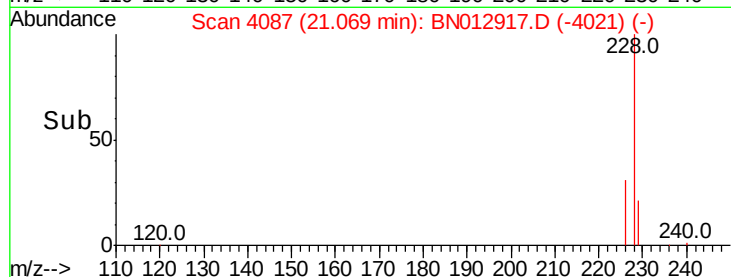
229 21.8 16.4 24.6



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: 1.011 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

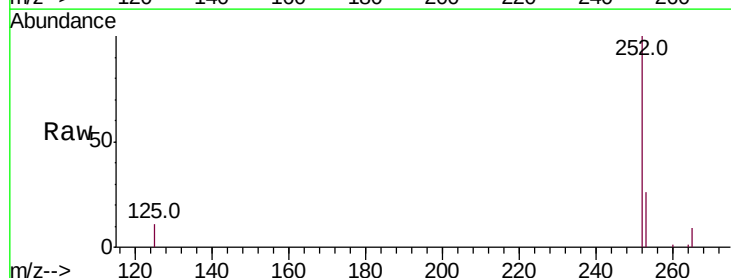
Tgt Ion:252 Resp: 29334

Ion Ratio Lower Upper

252 100

253 25.5 0.0 59.6

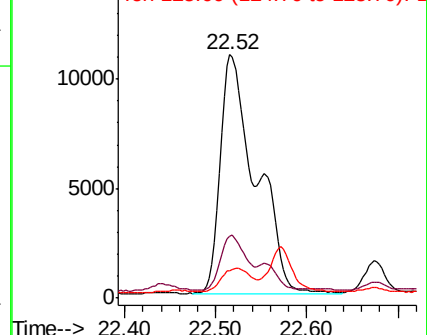
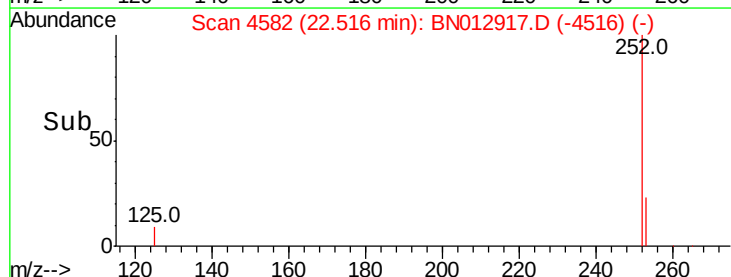
125 11.5 0.0 26.0

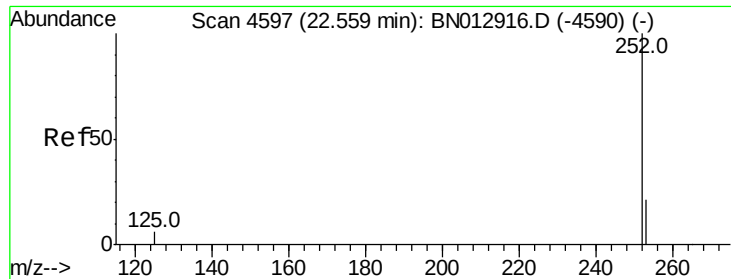


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.915 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.05 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

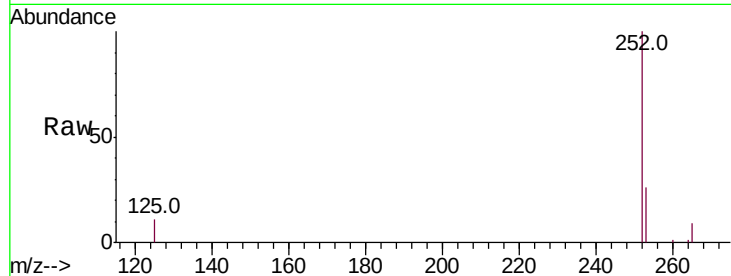
Tot Ion:252 Resp: 29334

Ion Ratio Lower Upper

252 100

253 25.5 23.4 35.2

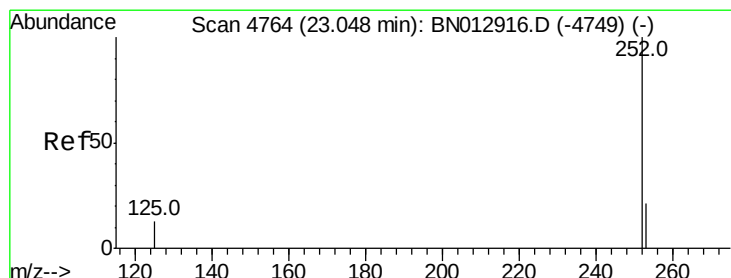
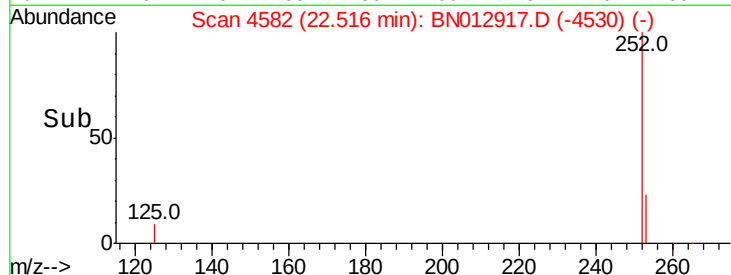
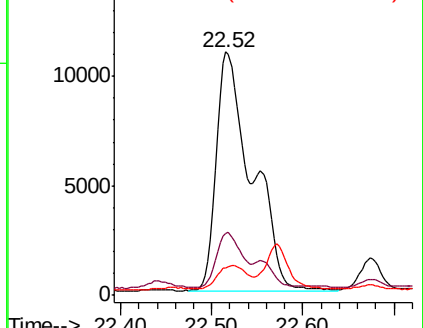
125 11.5 11.1 16.7



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: 0.481 ng/ul

RT: 23.04 min Scan# 4762

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

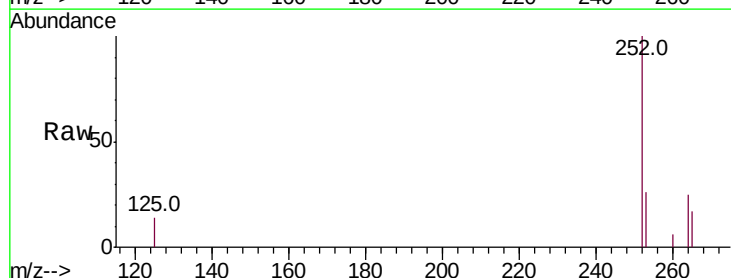
Tgt Ion:252 Resp: 12952

Ion Ratio Lower Upper

252 100

253 26.2 26.5 39.7#

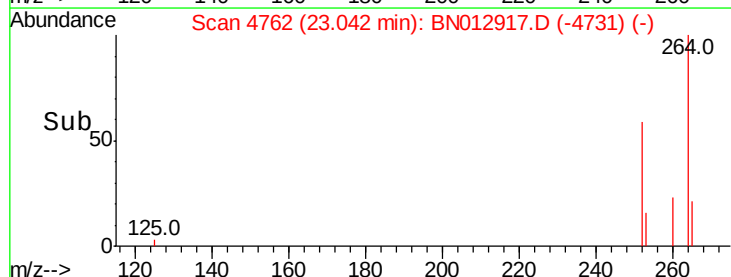
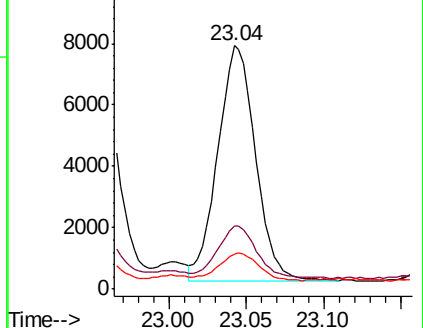
125 14.3 14.2 21.2

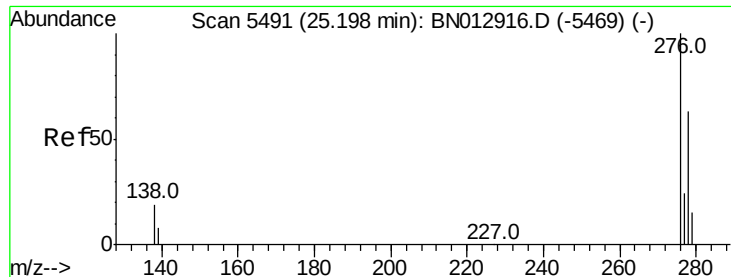


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



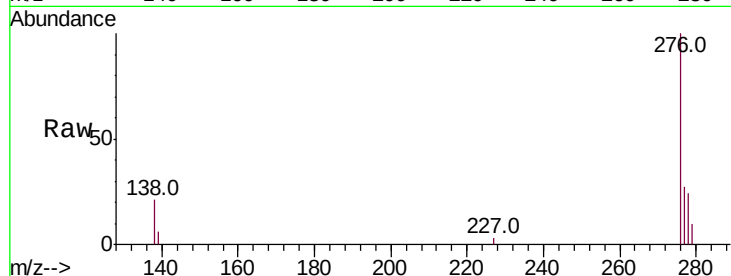


#24

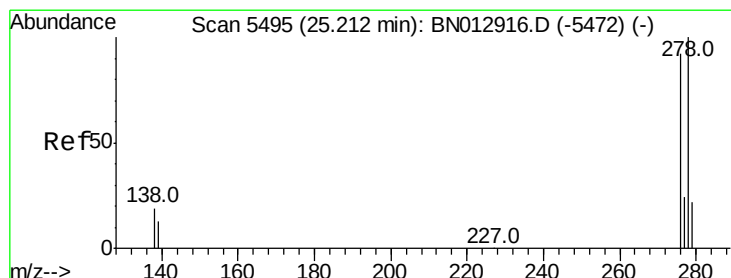
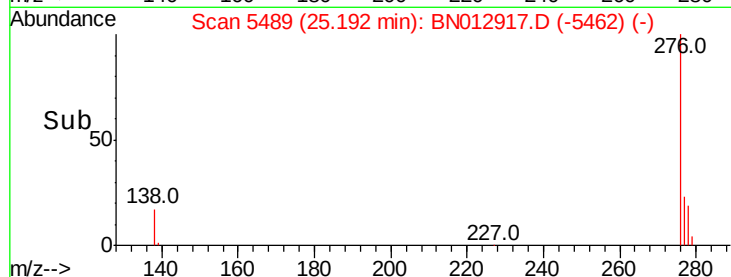
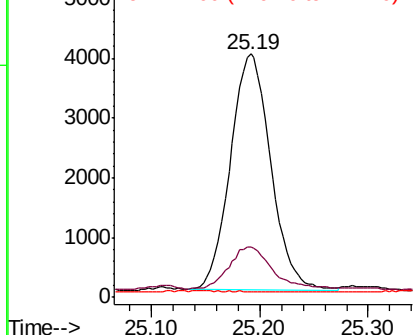
Indeno(1,2,3-cd)pyrene
Concen: 0.289 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Instrument :
BNA_N
ClientSampled :
C0B97

Tot Ion:276 Resp: 10226
Ion Ratio Lower Upper
276 100
138 21.4 16.2 24.2
227 0.0 0.0 0.0



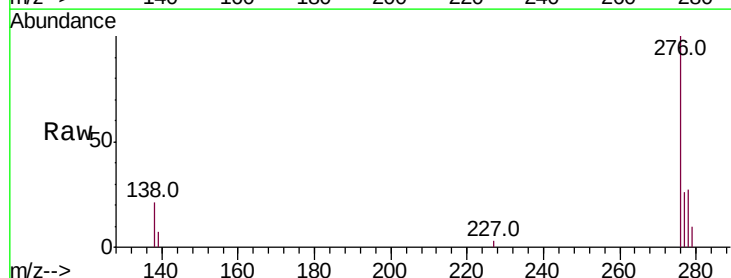
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



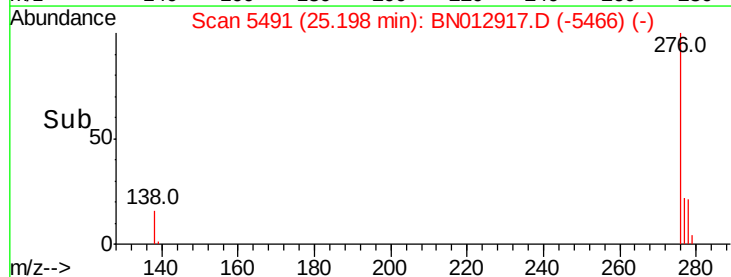
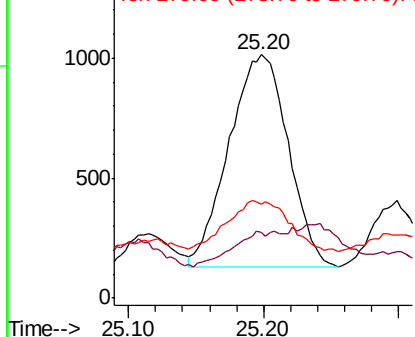
#25

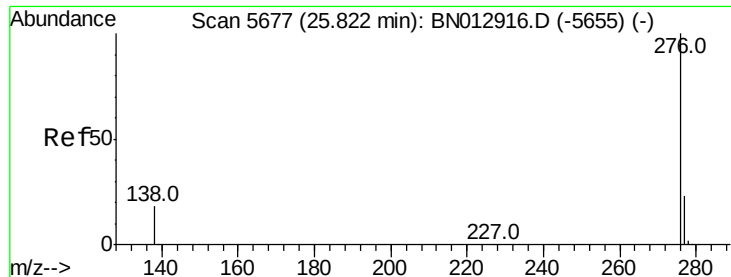
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:278 Resp: 2712
Ion Ratio Lower Upper
278 100
139 27.1 14.5 21.7#
279 38.4 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(a,h,i)perylene

Concen: 0.293 ng/ul

RT: 25.82 min Scan# 5676

Delta R.T. -0.01 min

Lab File: BN012917.D

Acq: 06 Dec 2020 14:53

Instrument :

BNA_N

ClientSampleId :

C0B97

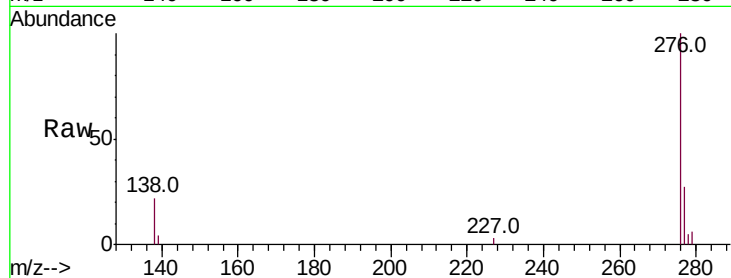
Tot Ion:276 Resp: 9367

Ion Ratio Lower Upper

276 100

138 21.9 16.3 24.5

277 26.6 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

