

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012981.D
 Acq On : 08 Dec 2020 18:28
 Operator : CG/JU
 Sample : L4862-01DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY8DL

Quant Time: Dec 09 00:14:13 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 : Wed Dec 09 00:11:42 2020
 Response via : Initial Calibration

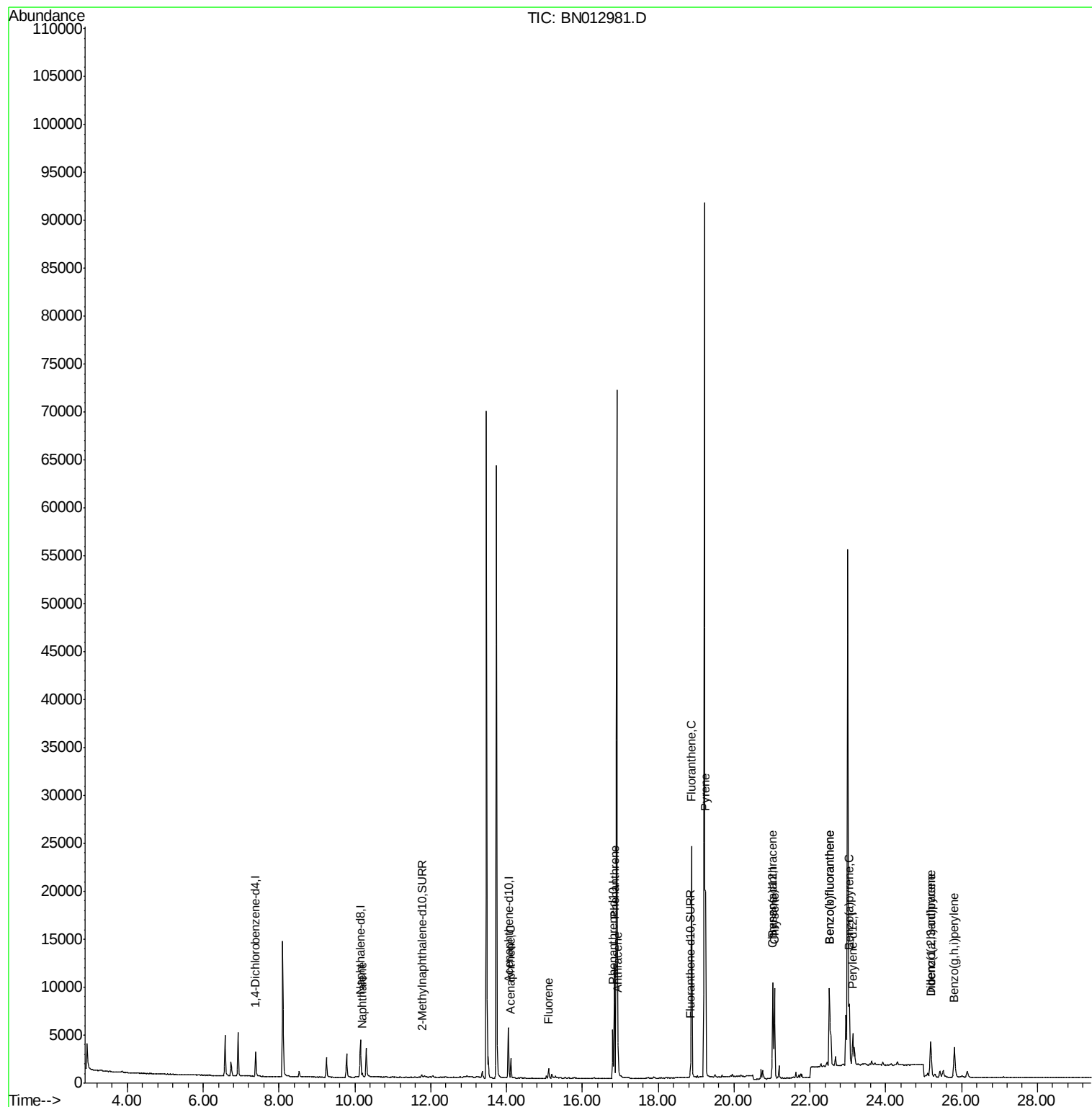
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5184	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2823	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5830	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4022	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3694	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	404	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	790	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	482	0.032	ng/ul#	77
8) Acenaphthene	14.11	153	1179	0.108	ng/ul	99
9) Fluorene	15.11	166	628	0.050	ng/ul#	96
12) Phenanthrene	16.85	178	12454	0.637	ng/ul	98
13) Anthracene	16.94	178	2131	0.128	ng/ul	98
15) Fluoranthene	18.88	202	20600	0.887	ng/ul	99
17) Pyrene	19.25	202	18740	0.986	ng/ul	100
18) Benzo(a)anthracene	21.02	228	7920	0.476	ng/ul	98
19) Chrysene	21.07	228	9131	0.497	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	16498	0.965	ng/ul	95
22) Benzo(k)fluoranthene	22.51	252	16498	0.873	ng/ul	96
23) Benzo(a)pyrene	23.04	252	7958	0.502	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	5674	0.272	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1273	0.077	ng/ul#	69
26) Benzo(g,h,i)perylene	25.81	276	6036	0.320	ng/ul	99

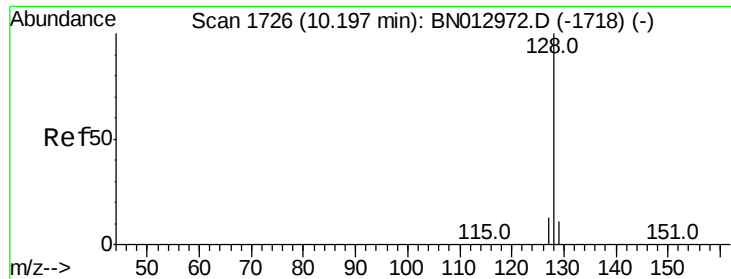
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

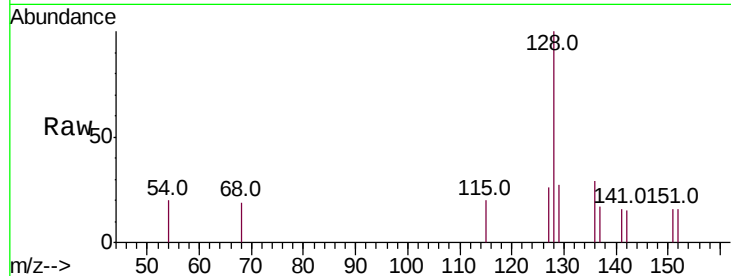
Tot Ion:128 Resp: 482

Ion Ratio Lower Upper

128 100

129 27.0 12.3 18.5#

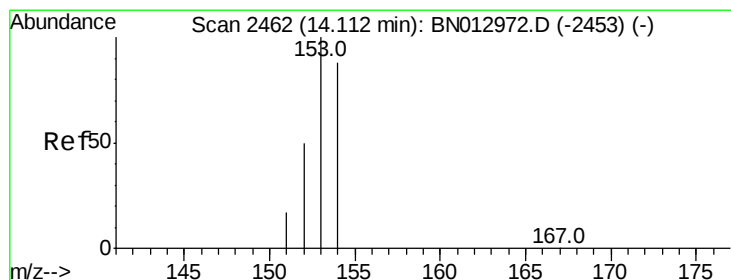
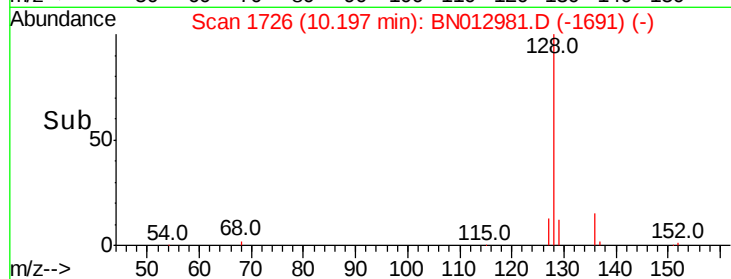
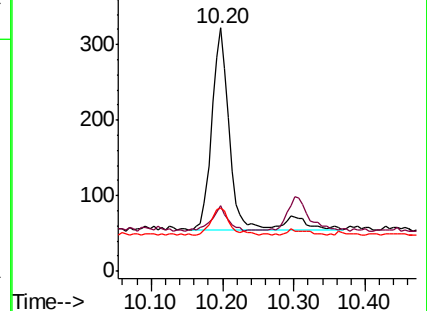
127 25.8 14.2 21.4#



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



#8

Acenaphthene

Concen: 0.108 ng/ul

RT: 14.11 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

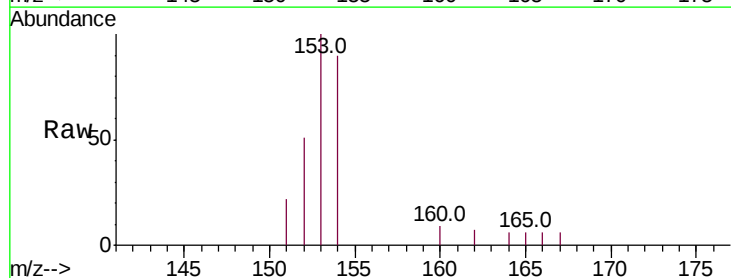
Tgt Ion:153 Resp: 1179

Ion Ratio Lower Upper

153 100

152 51.5 40.7 61.1

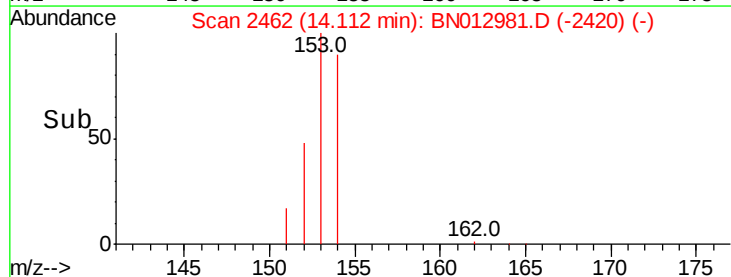
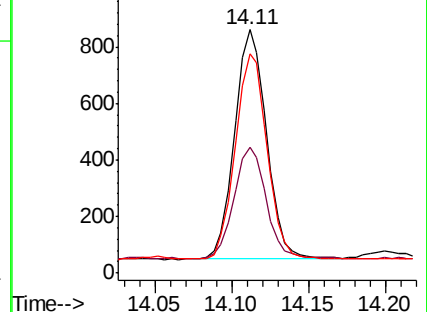
154 90.1 70.8 106.2

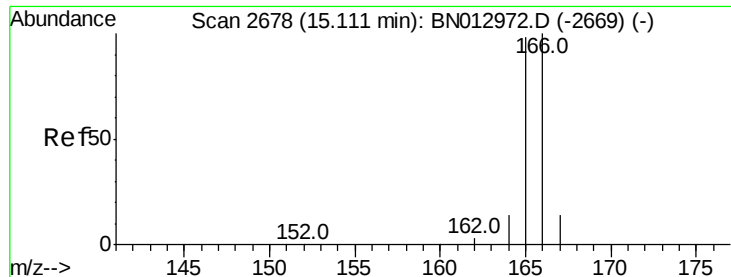


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.050 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

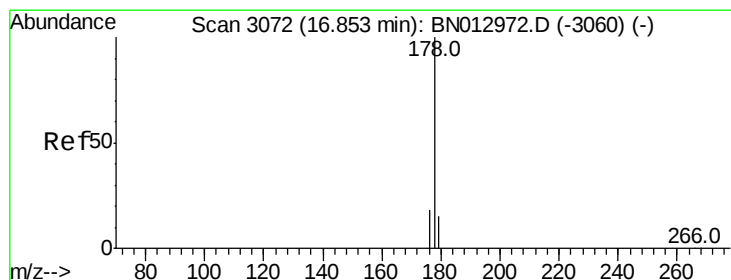
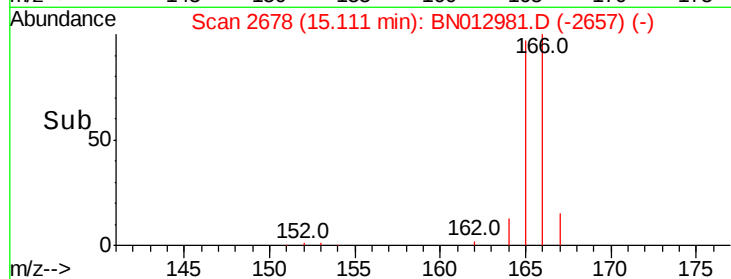
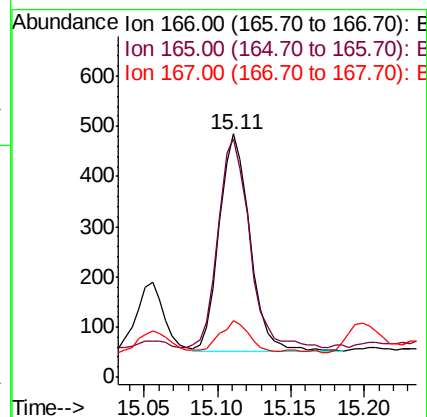
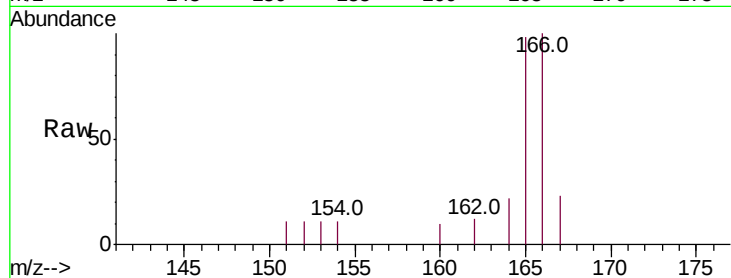
Tot Ion:166 Resp: 628

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

167 23.1 13.8 20.8#



#12

Phenanthrene

Concen: 0.637 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

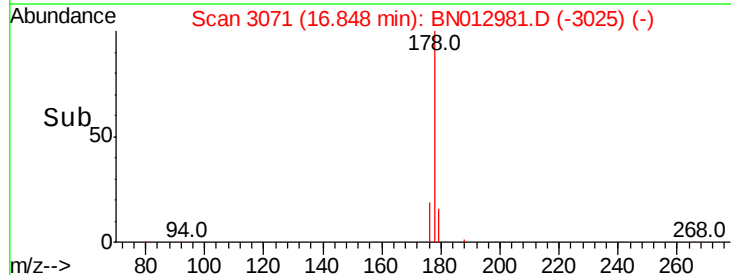
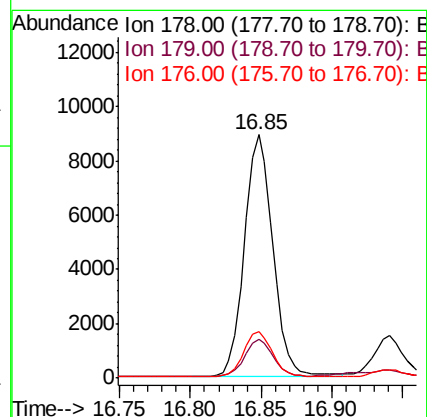
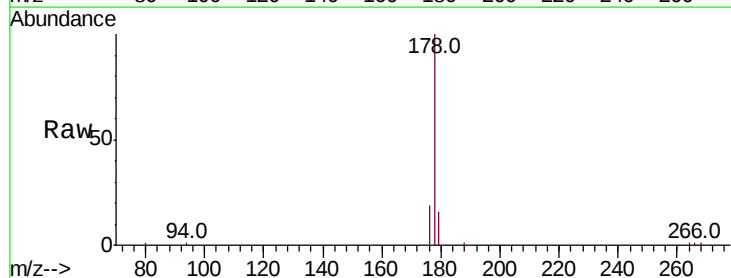
Tgt Ion:178 Resp: 12454

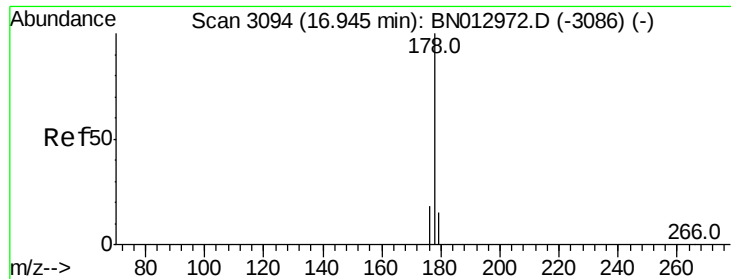
Ion Ratio Lower Upper

178 100

179 16.1 13.6 20.4

176 19.4 16.4 24.6





#13

Anthracene

Concen: 0.128 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

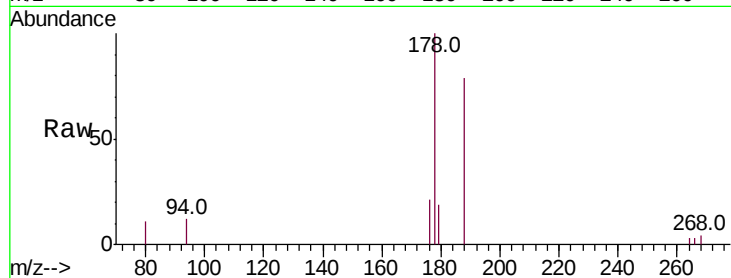
Tot Ion:178 Resp: 2131

Ion Ratio Lower Upper

178 100

179 19.5 14.6 21.8

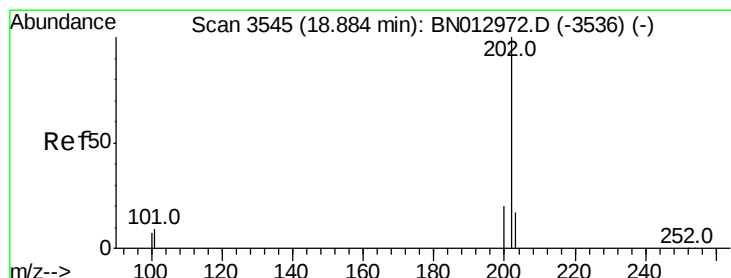
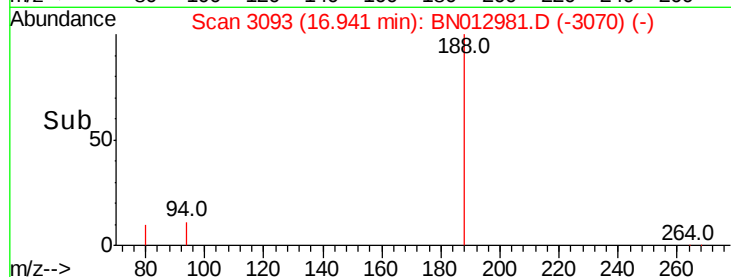
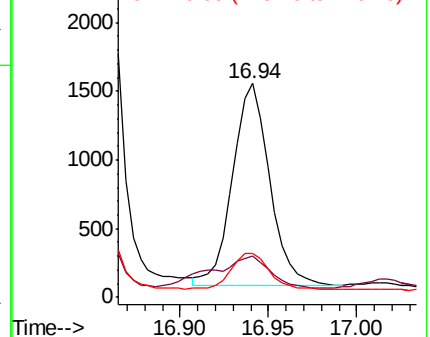
176 20.5 17.1 25.7



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: 0.887 ng/ul

RT: 18.88 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

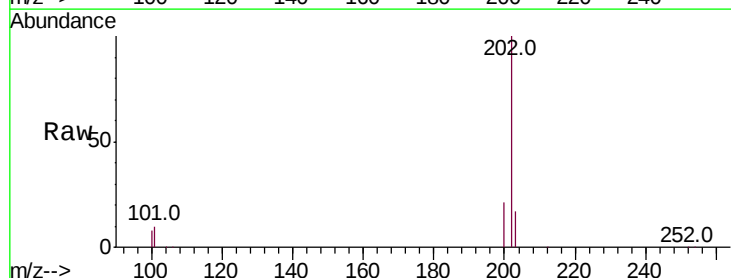
Tgt Ion:202 Resp: 20600

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.6

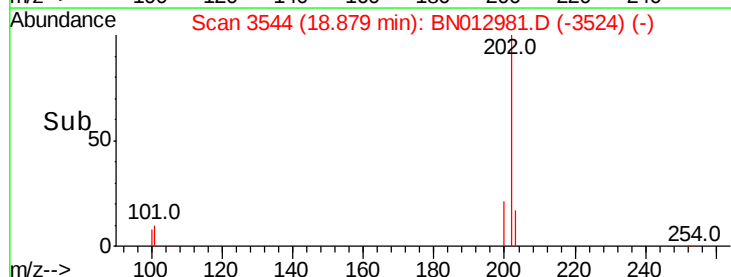
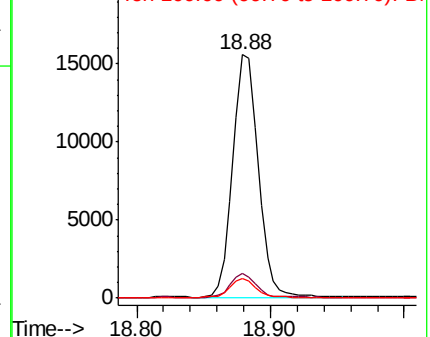
100 8.0 0.0 28.7

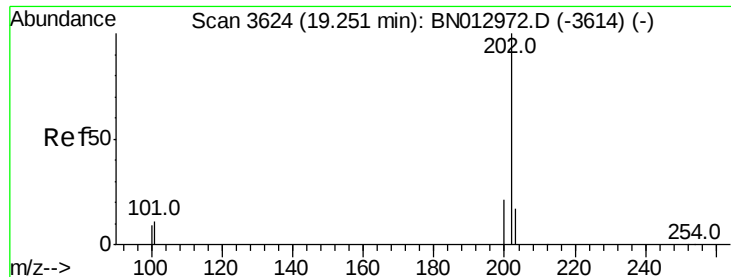


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.986 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

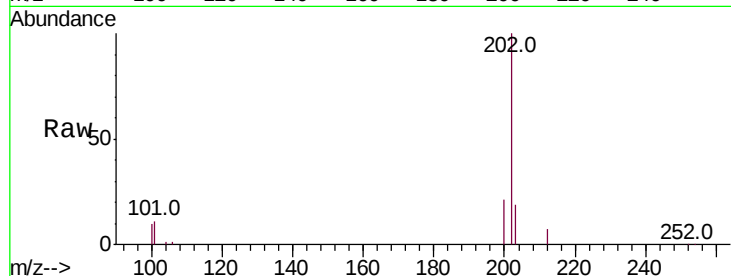
Tot Ion:202 Resp: 18740

Ion Ratio Lower Upper

202 100

101 11.3 9.1 13.7

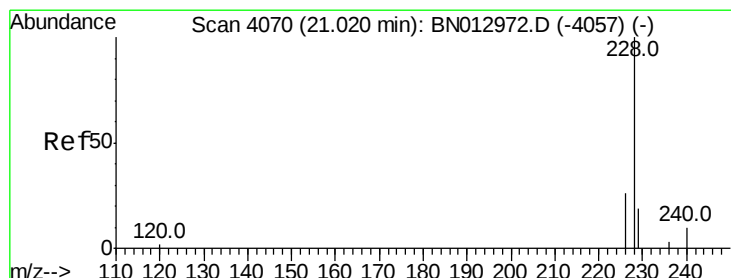
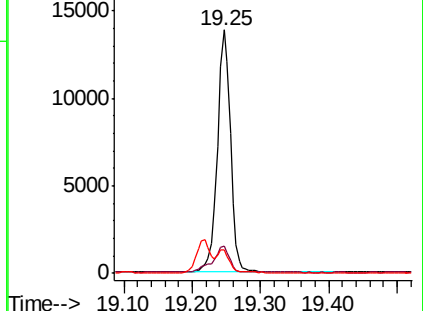
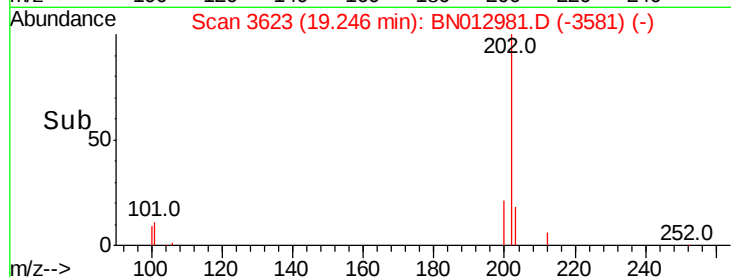
100 9.6 7.5 11.3



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: 0.476 ng/ul

RT: 21.02 min Scan# 4069

Delta R.T. -0.00 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

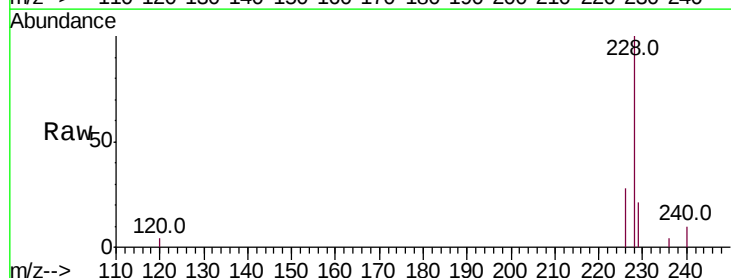
Tgt Ion:228 Resp: 7920

Ion Ratio Lower Upper

228 100

229 20.8 16.3 24.5

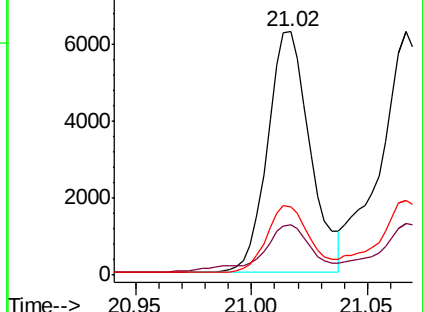
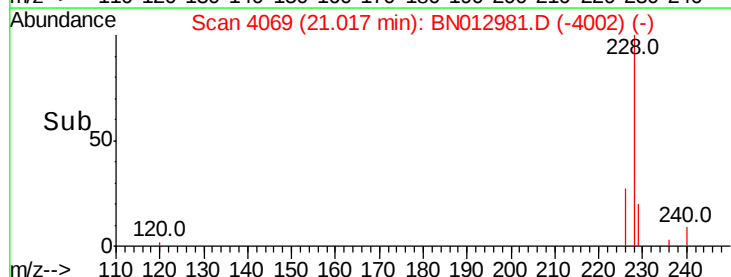
226 28.1 23.4 35.2

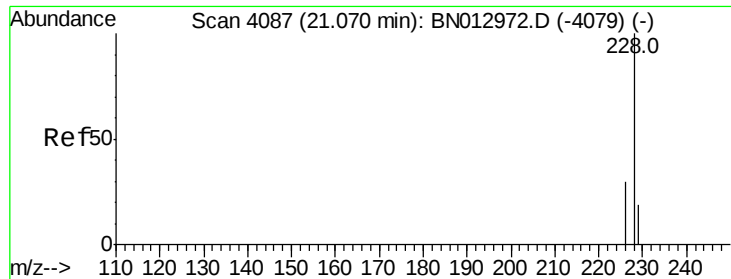


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.497 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

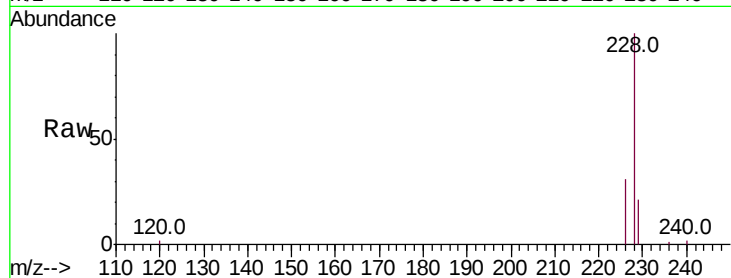
Tot Ion:228 Resp: 9131

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

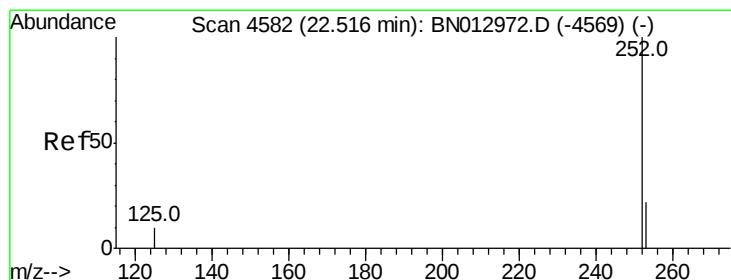
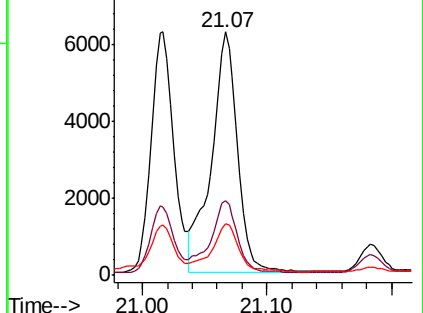
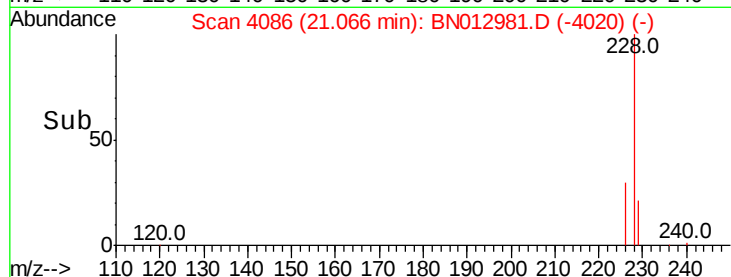
229 21.4 16.4 24.6



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: 0.965 ng/ul

RT: 22.51 min Scan# 4581

Delta R.T. -0.01 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

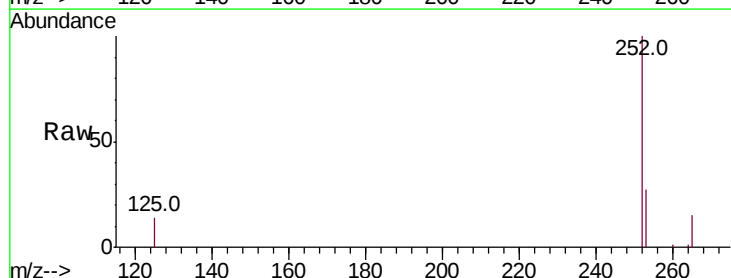
Tgt Ion:252 Resp: 16498

Ion Ratio Lower Upper

252 100

253 26.6 0.0 59.6

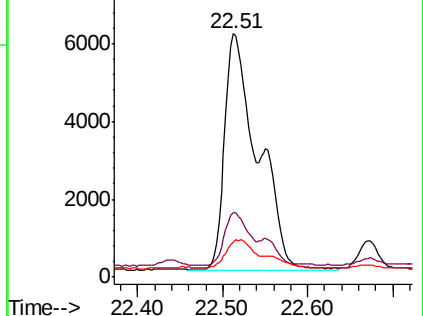
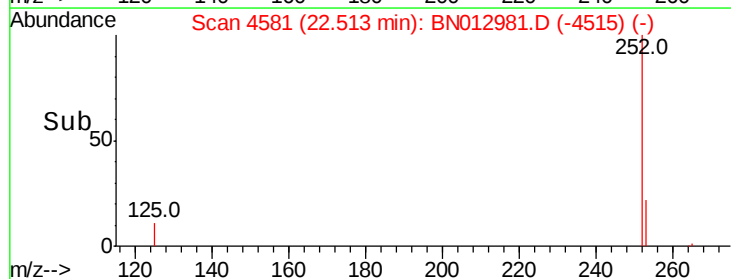
125 14.3 0.0 26.0

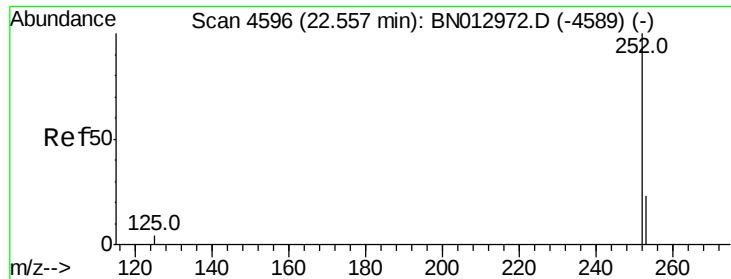


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.873 ng/ul

RT: 22.51 min Scan# 4581

Delta R.T. -0.05 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

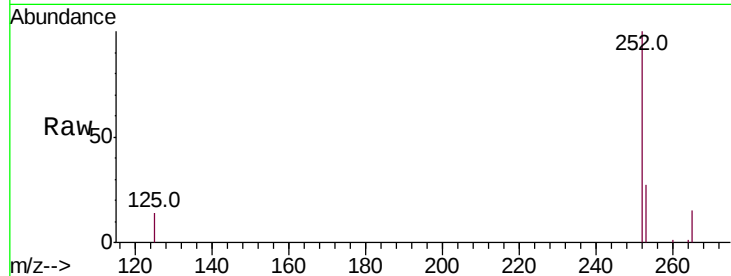
Tot Ion:252 Resp: 16498

Ion Ratio Lower Upper

252 100

253 26.6 23.4 35.2

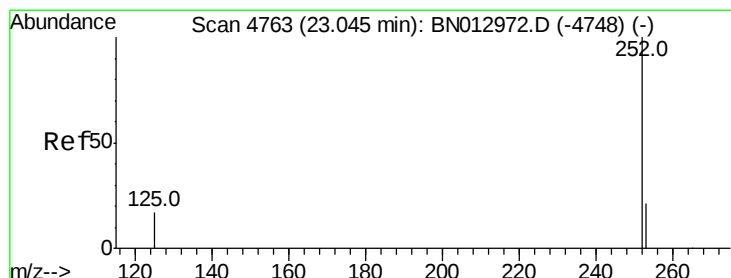
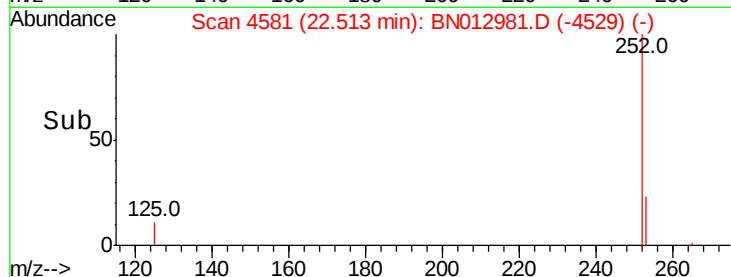
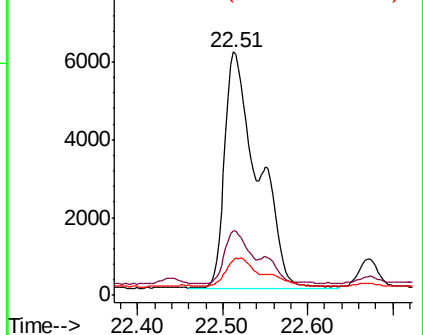
125 14.3 11.1 16.7



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: 0.502 ng/ul

RT: 23.04 min Scan# 4761

Delta R.T. -0.01 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

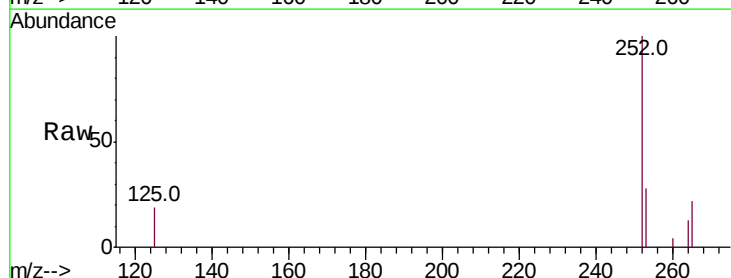
Tgt Ion:252 Resp: 7958

Ion Ratio Lower Upper

252 100

253 27.8 26.5 39.7

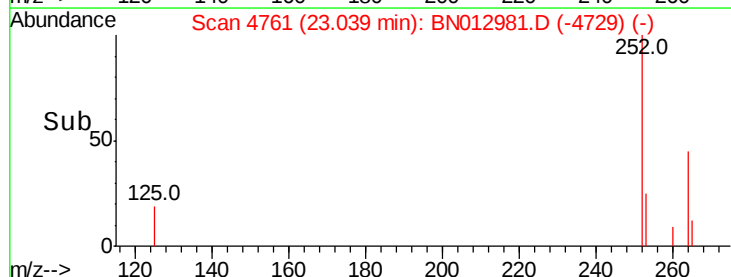
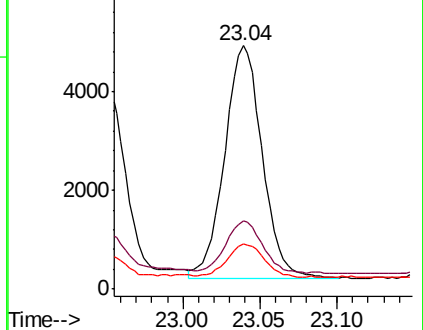
125 18.7 14.2 21.2

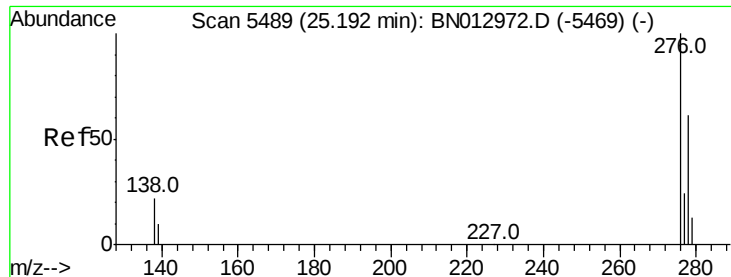


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



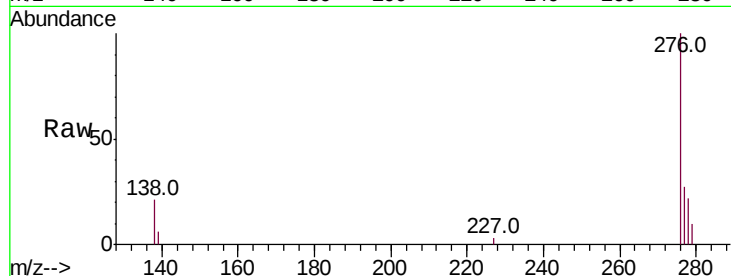


#24

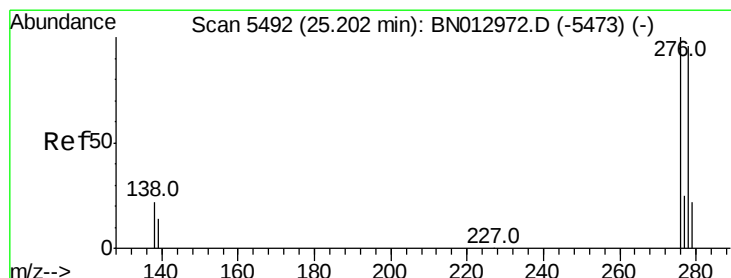
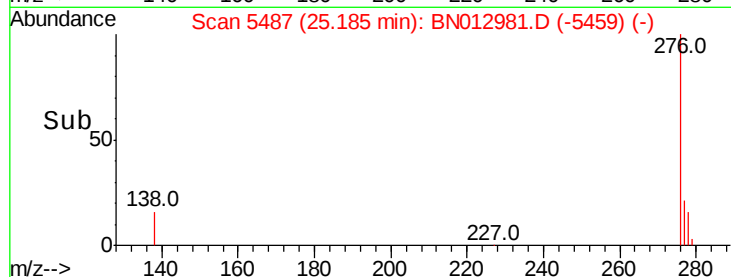
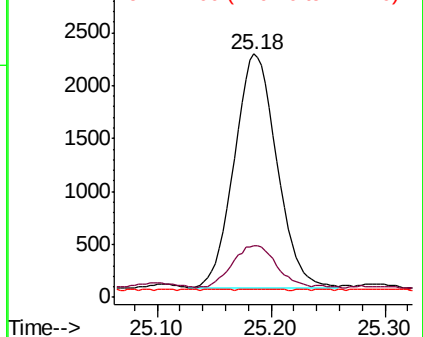
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/u1
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN012981.D
Acq: 08 Dec 2020 18:28

Instrument :
BNA_N
ClientSampleId :
C0AY8DL

Tot Ion:276 Resp: 5674
Ion Ratio Lower Upper
276 100
138 19.0 16.2 24.2
227 0.3 0.0 0.0#



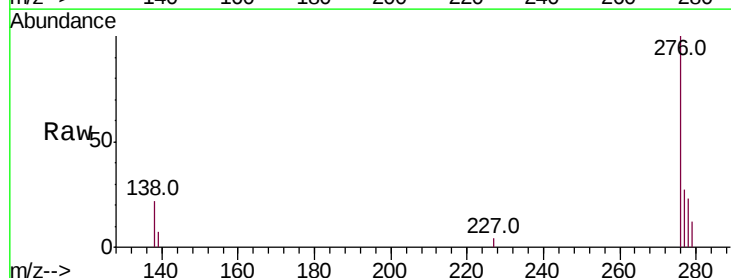
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



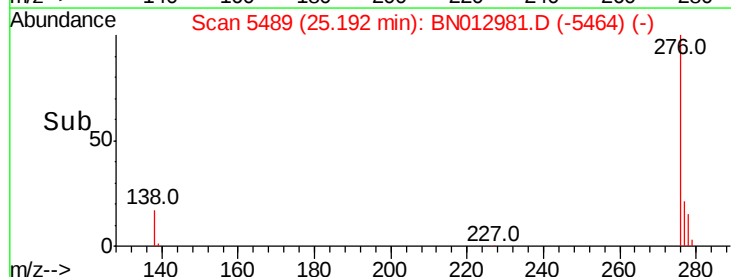
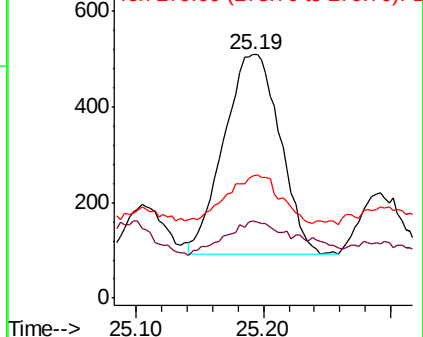
#25

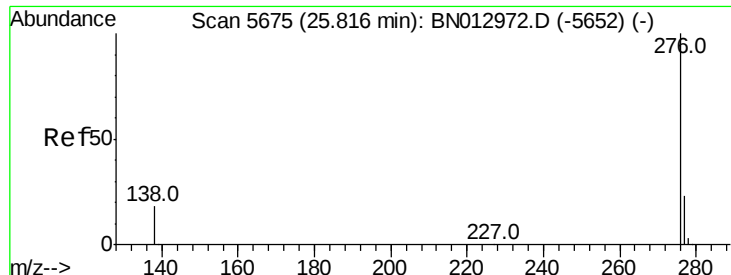
Dibenzo(a,h)anthracene
Concen: 0.077 ng/u1
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN012981.D
Acq: 08 Dec 2020 18:28

Tgt Ion:278 Resp: 1273
Ion Ratio Lower Upper
278 100
139 31.6 14.5 21.7#
279 50.3 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: 0.320 ng/ul

RT: 25.81 min Scan# 5674

Delta R.T. -0.01 min

Lab File: BN012981.D

Acq: 08 Dec 2020 18:28

Instrument :

BNA_N

ClientSampleId :

C0AY8DL

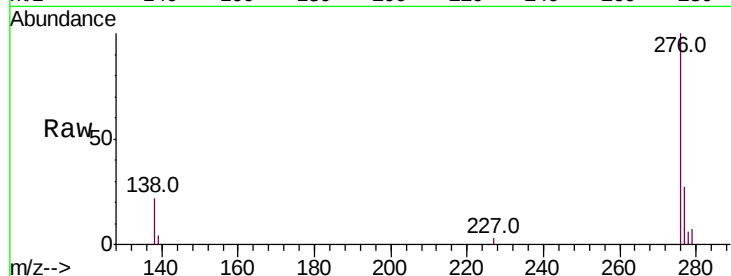
Tot Ion:276 Resp: 6036

Ion Ratio Lower Upper

276 100

138 21.6 16.3 24.5

277 27.2 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

