

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012987.D
 Acq On : 08 Dec 2020 22:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.432

Quant Time: Dec 09 00:15:02 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

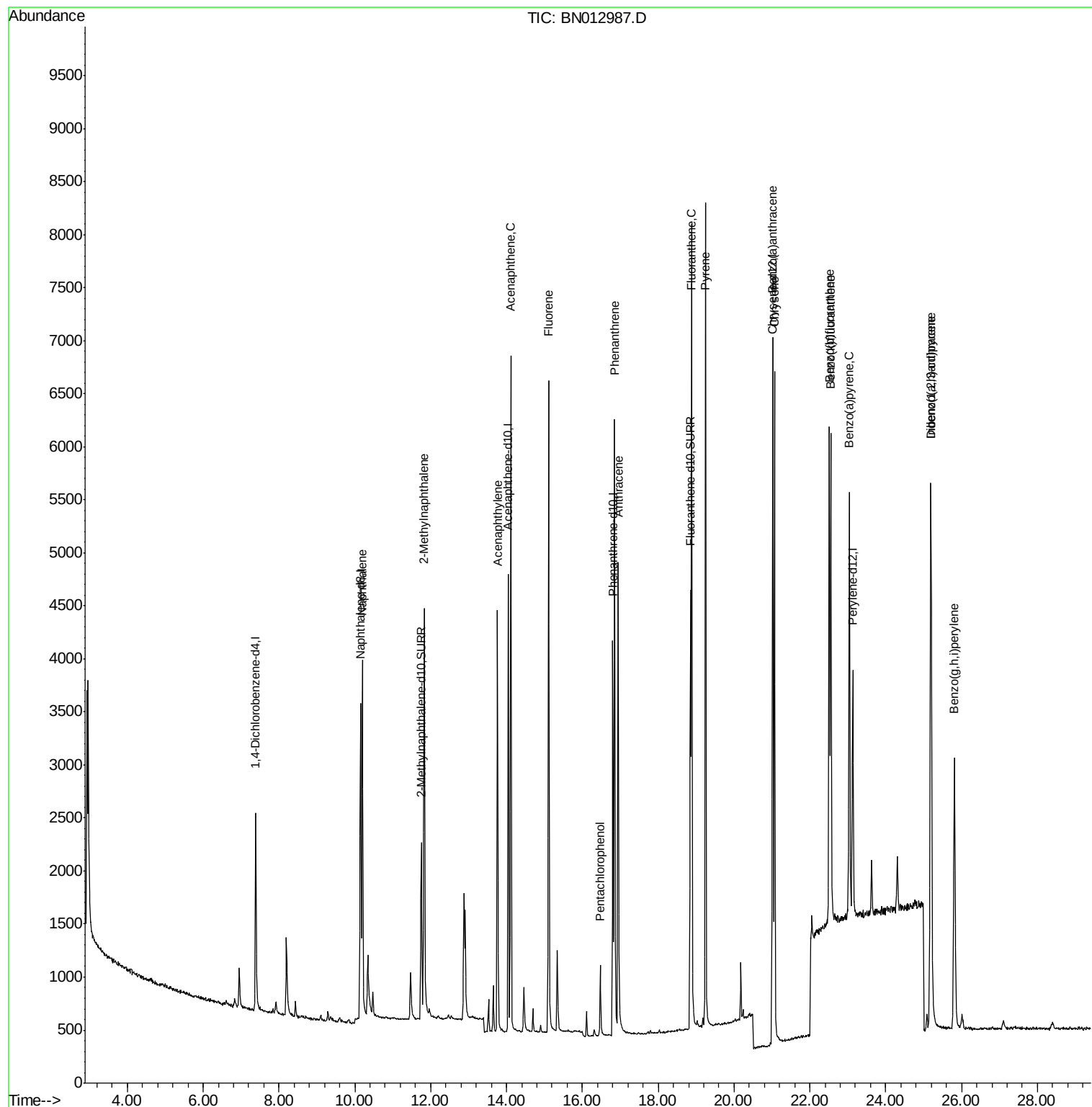
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1046	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4270	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2359	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4701	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3151	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2852	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2549	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4729	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	4977	0.403	ng/ul	93
5) 2-Methylnaphthalene	11.83	142	3258	0.401	ng/ul	99
7) Acenaphthylene	13.76	152	4683	0.419	ng/ul	97
8) Acenaphthene	14.11	153	3689	0.403	ng/ul	97
9) Fluorene	15.11	166	4063	0.387	ng/ul	97
11) Pentachlorophenol	16.47	266	507	0.372	ng/ul	97
12) Phenanthrene	16.85	178	6330	0.402	ng/ul	98
13) Anthracene	16.94	178	5685	0.424	ng/ul	97
15) Fluoranthene	18.88	202	6861	0.366	ng/ul	99
17) Pyrene	19.25	202	6980	0.469	ng/ul	99
18) Benzo(a)anthracene	21.01	228	5274	0.405	ng/ul	98
19) Chrysene	21.06	228	5930	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	5444	0.413	ng/ul	96
22) Benzo(k)fluoranthene	22.55	252	5984	0.410	ng/ul	97
23) Benzo(a)pyrene	23.04	252	5140	0.420	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.18	276	6071	0.378	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.20	278	4896	0.385	ng/ul	94
26) Benzo(g,h,i)perylene	25.81	276	5246	0.361	ng/ul	98

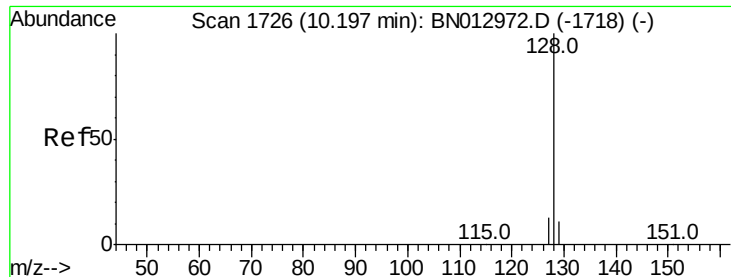
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.432

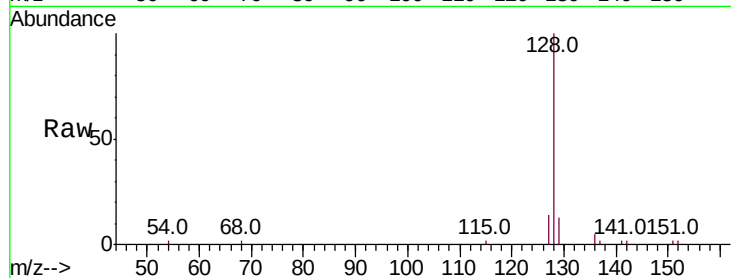
Tot Ion:128 Resp: 4977

Ion Ratio Lower Upper

128 100

129 12.8 12.3 18.5

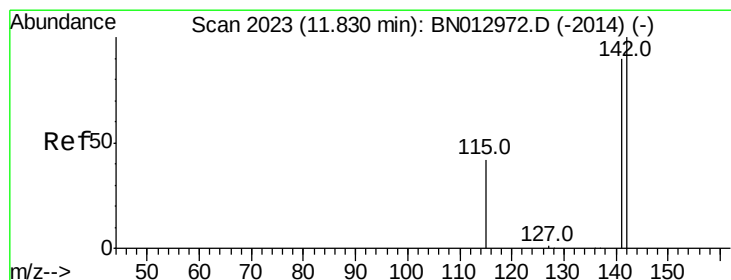
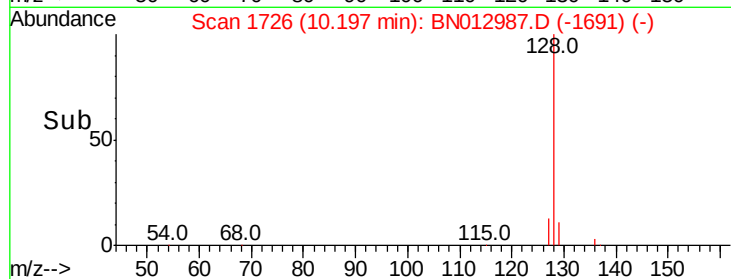
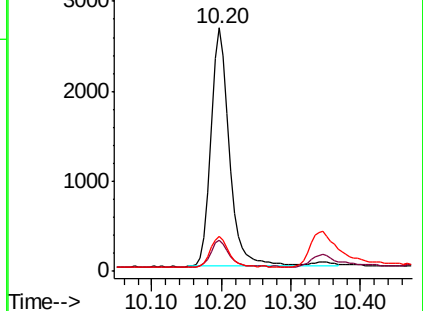
127 14.4 14.2 21.4



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: 0.401 ng/ul

RT: 11.83 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BN012987.D

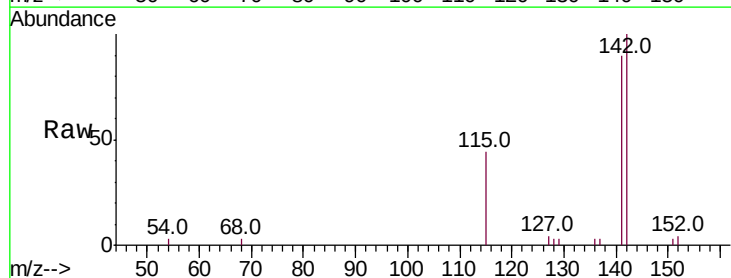
Acq: 08 Dec 2020 22:41

Tgt Ion:142 Resp: 3258

Ion Ratio Lower Upper

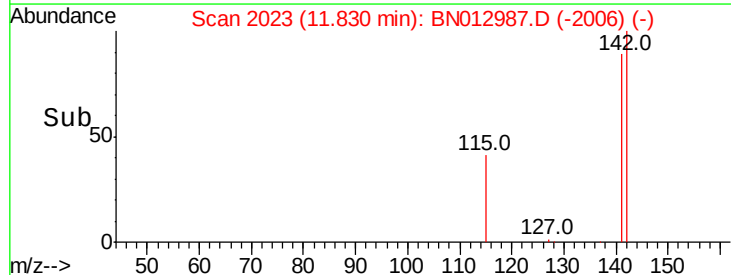
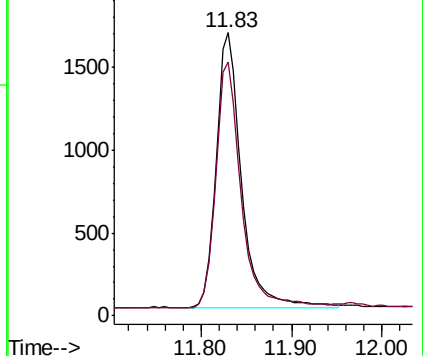
142 100

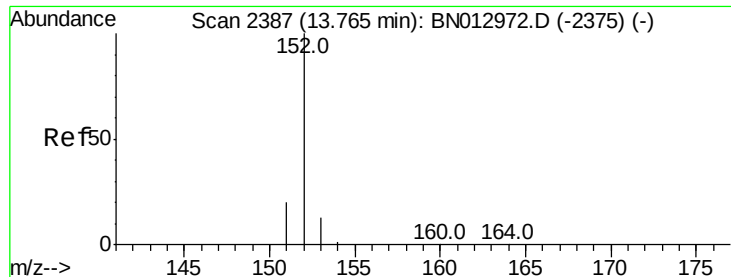
141 89.9 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.419 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Instrument :

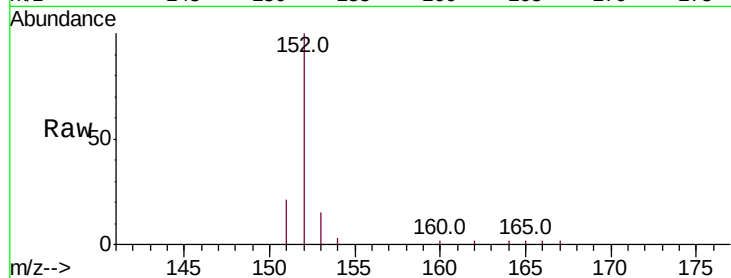
BNA_N

ClientSampleId :

SSTD0.432

Tot Ion:152 Resp: 4683

Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.2	27.4
153	14.9	13.1	19.7

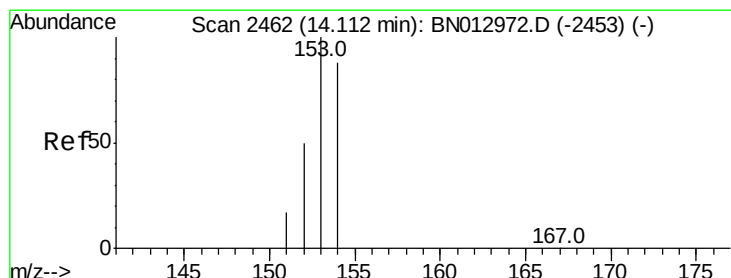
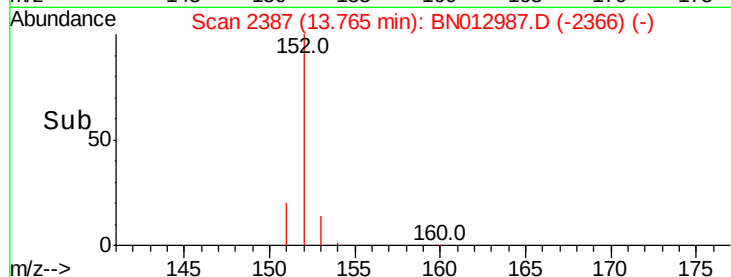
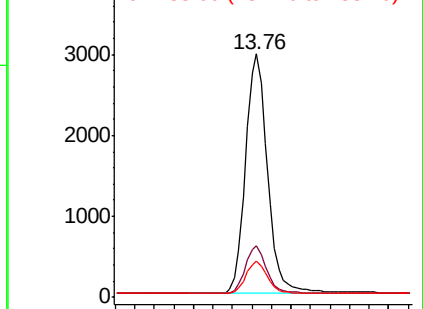


Abundance

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: 0.403 ng/ul

RT: 14.11 min Scan# 2462

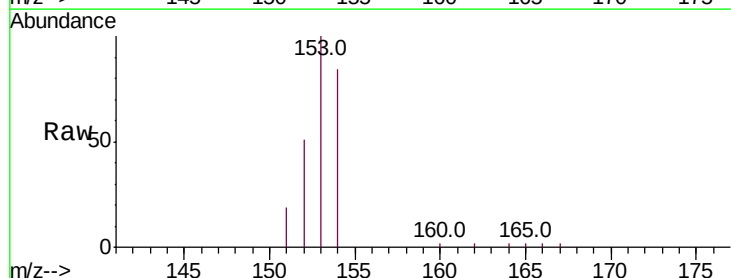
Delta R.T. -0.00 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Tgt Ion:153 Resp: 3689

Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.7	61.1
154	84.0	70.8	106.2

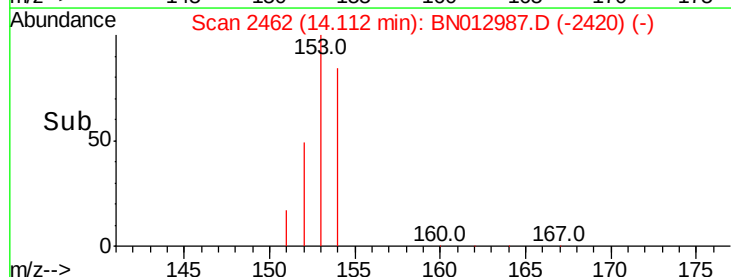
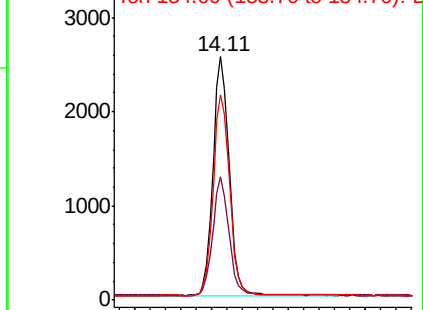


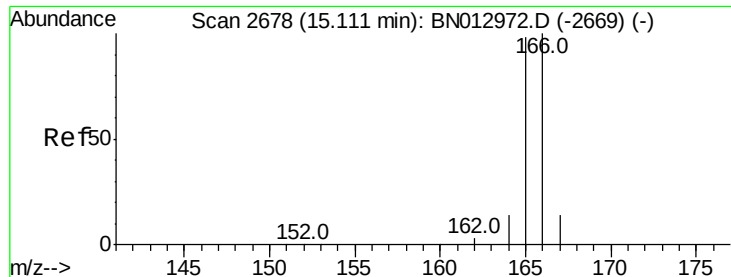
Abundance

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: 0.387 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.432

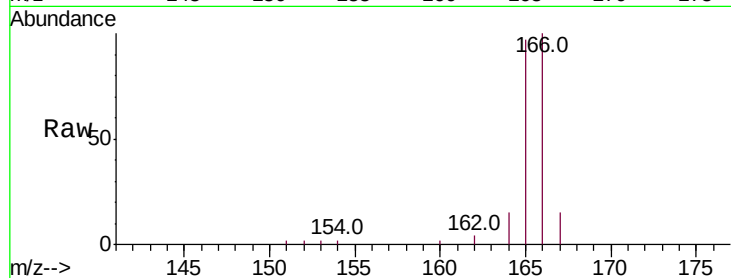
Tot Ion:166 Resp: 4063

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

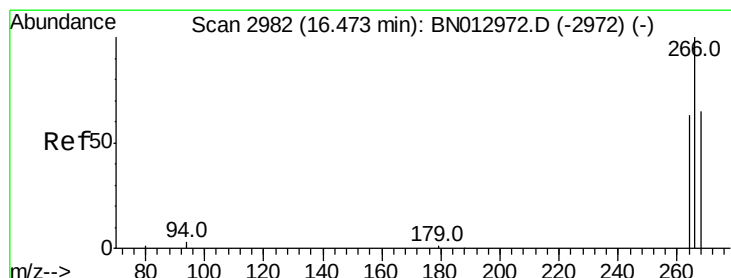
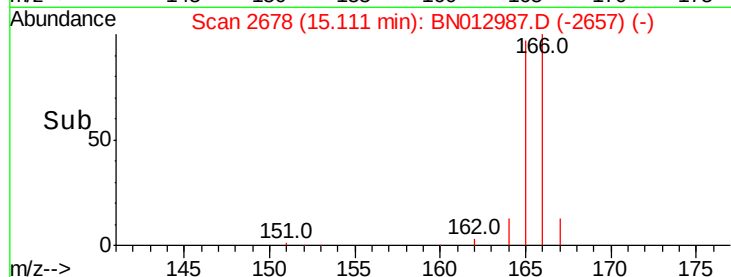
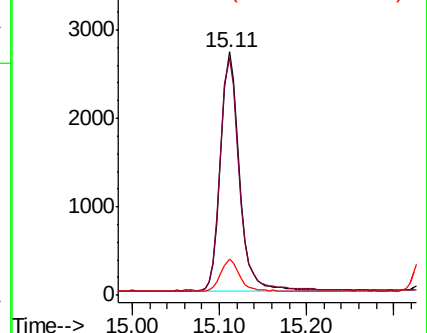
167 14.7 13.8 20.8



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: 0.372 ng/ul

RT: 16.47 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

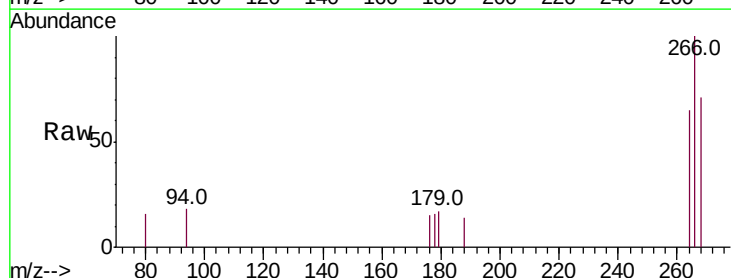
Tgt Ion:266 Resp: 507

Ion Ratio Lower Upper

266 100

264 63.3 51.5 77.3

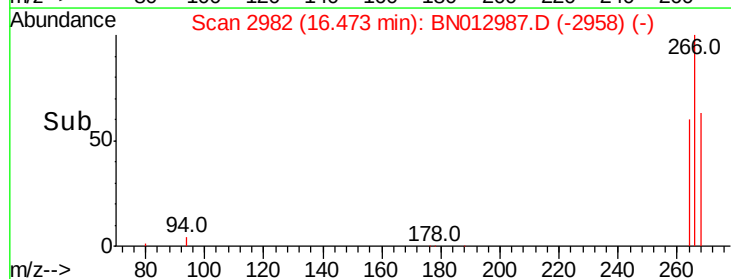
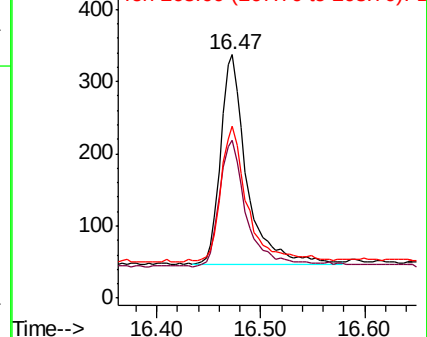
268 66.7 56.0 84.0

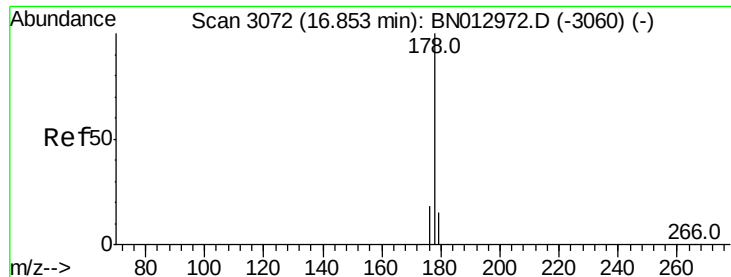


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

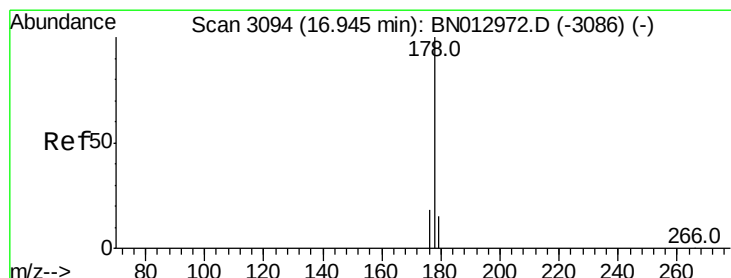
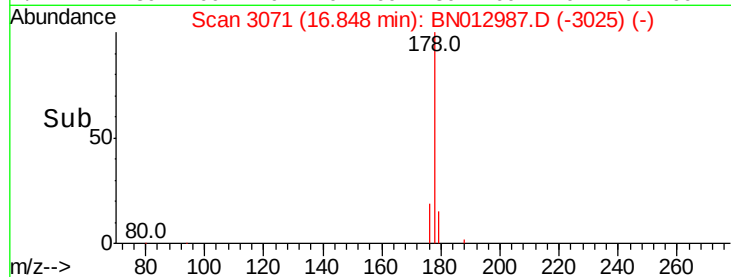
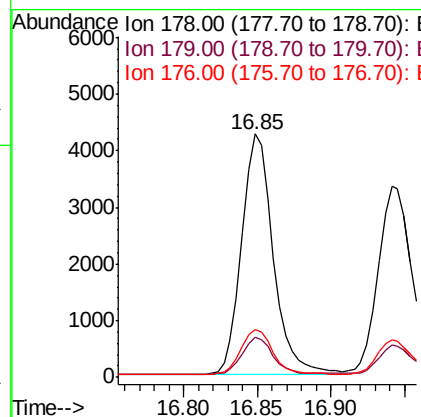
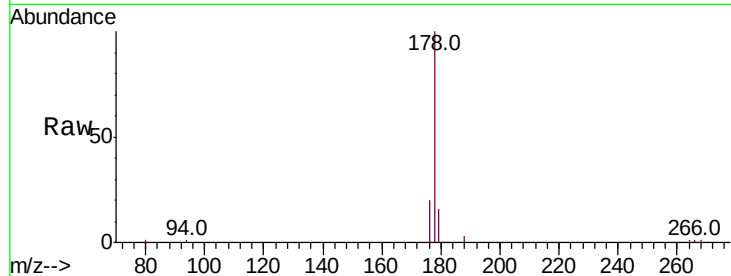




#12
Phenanthrene
Concen: 0.402 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012987.D
Acq: 08 Dec 2020 22:41

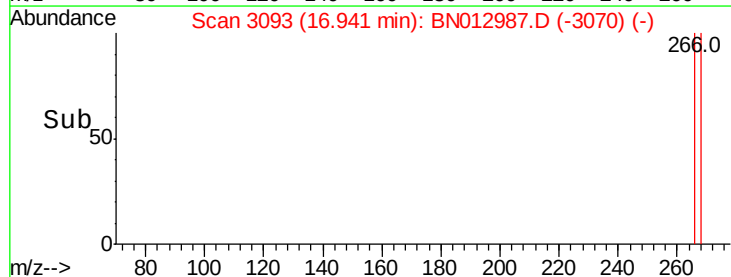
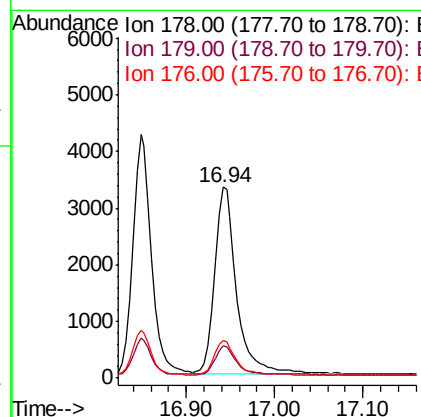
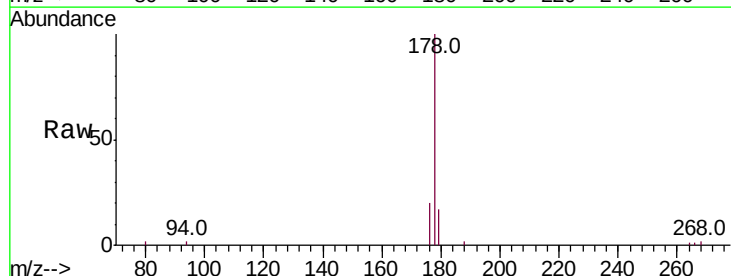
Instrument :
BNA_N
ClientSampleId :
SSTD0.432

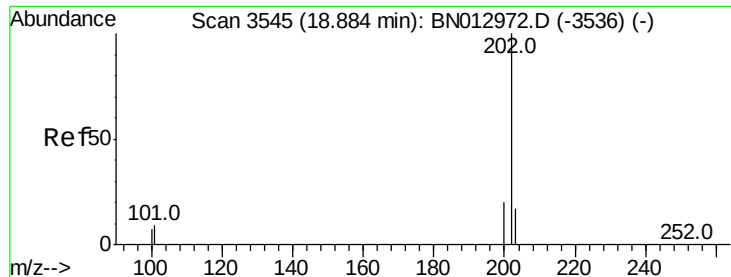
Tot Ion:178 Resp: 6330
Ion Ratio Lower Upper
178 100
179 16.5 13.6 20.4
176 19.7 16.4 24.6



#13
Anthracene
Concen: 0.424 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012987.D
Acq: 08 Dec 2020 22:41

Tgt Ion:178 Resp: 5685
Ion Ratio Lower Upper
178 100
179 16.9 14.6 21.8
176 19.6 17.1 25.7

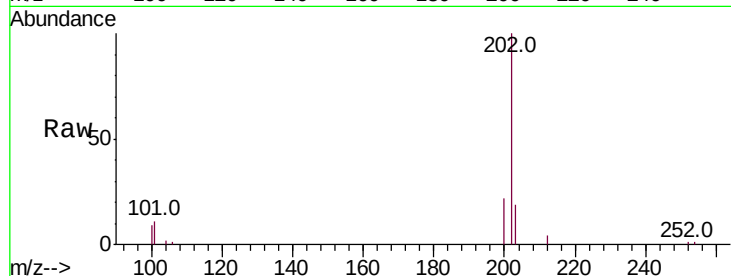




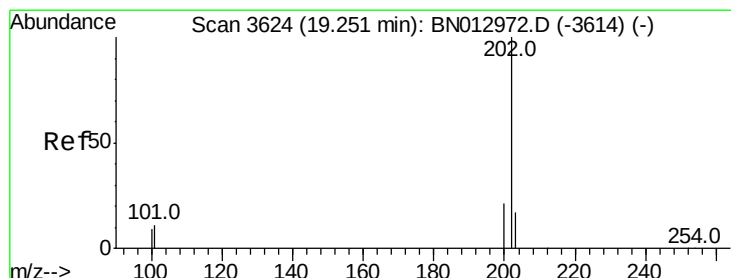
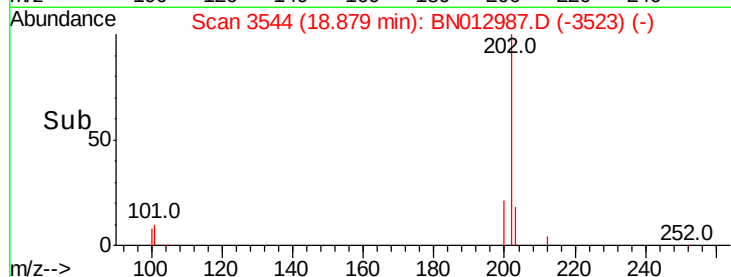
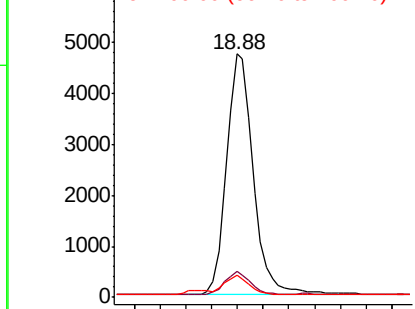
#15
 Fluoranthene
 Concen: 0.366 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN012987.D
 Acq: 08 Dec 2020 22:41

Instrument :
 BNA_N
 ClientSampleId :
 SST0.432

Tot Ion:202 Resp: 6861
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.6
 100 9.0 0.0 28.7

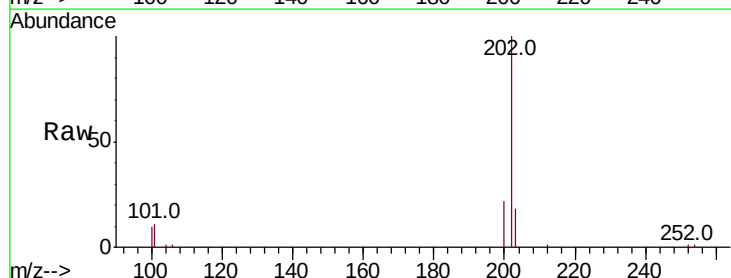


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

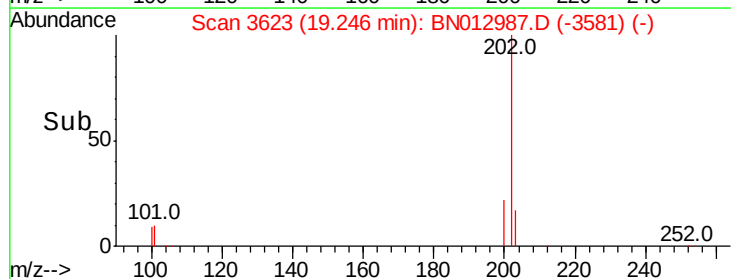
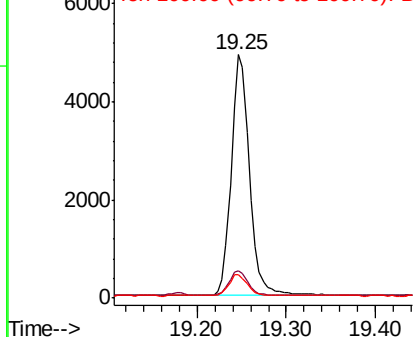


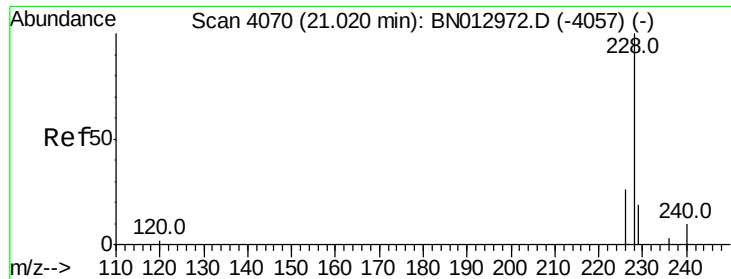
#17
 Pyrene
 Concen: 0.469 ng/ul
 RT: 19.25 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: BN012987.D
 Acq: 08 Dec 2020 22:41

Tgt Ion:202 Resp: 6980
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.1 13.7
 100 9.8 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: 0.405 ng/ul

RT: 21.01 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.432

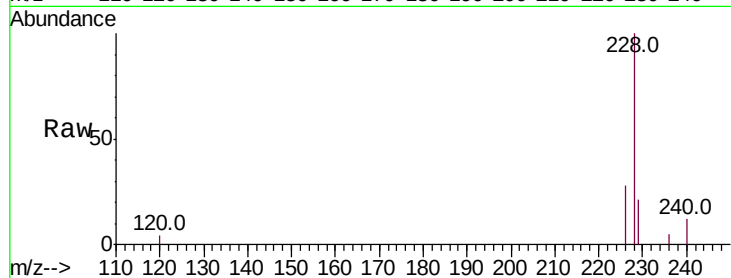
Tot Ion:228 Resp: 5274

Ion Ratio Lower Upper

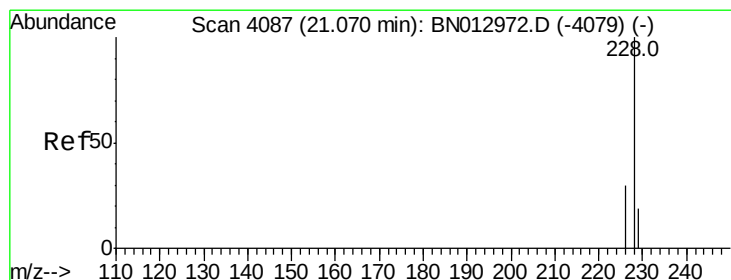
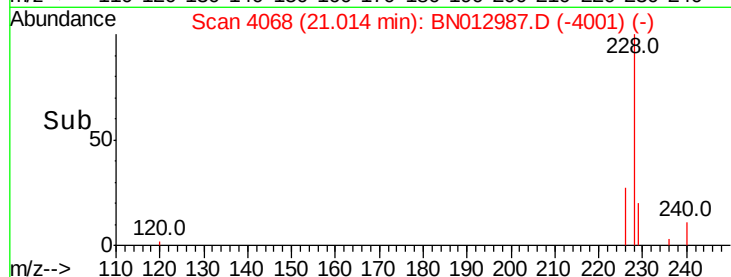
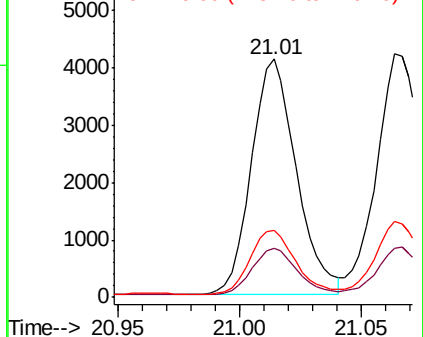
228 100

229 20.6 16.3 24.5

226 27.9 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: 0.412 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

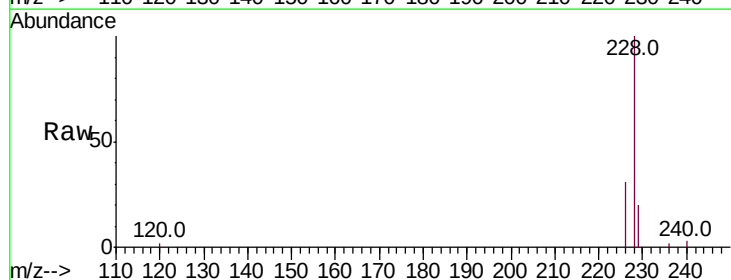
Tgt Ion:228 Resp: 5930

Ion Ratio Lower Upper

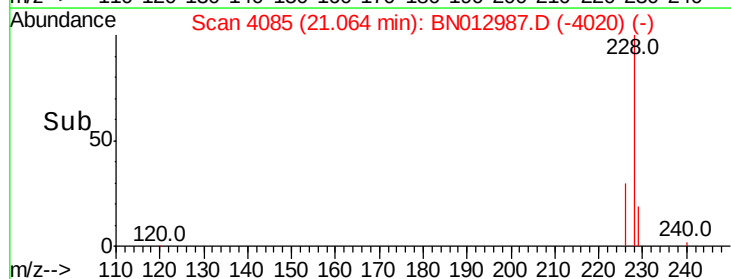
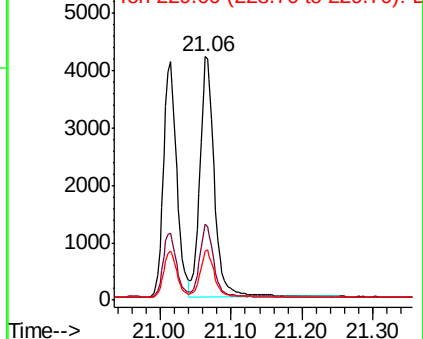
228 100

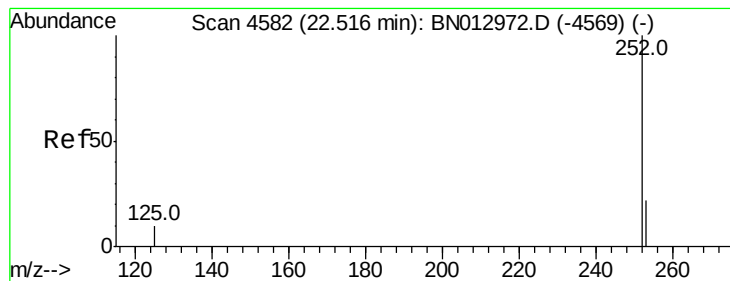
226 31.0 25.0 37.6

229 19.9 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: 0.413 ng/ul

RT: 22.51 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.432

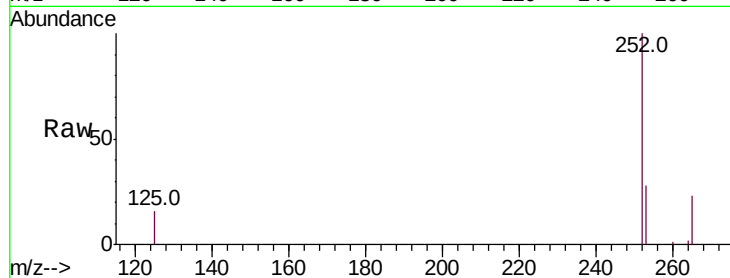
Tot Ion:252 Resp: 5444

Ion Ratio Lower Upper

252 100

253 28.1 0.0 59.6

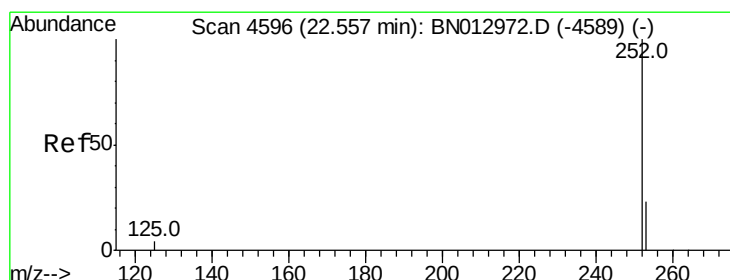
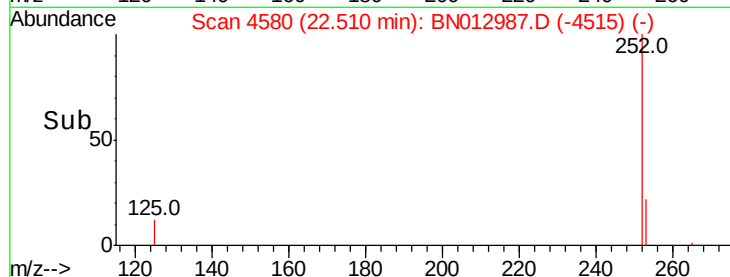
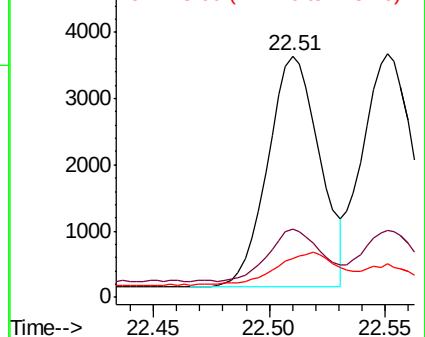
125 15.9 0.0 26.0



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: 0.410 ng/ul

RT: 22.55 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

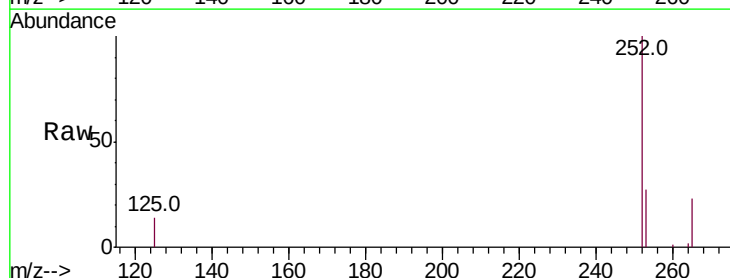
Tgt Ion:252 Resp: 5984

Ion Ratio Lower Upper

252 100

253 27.4 23.4 35.2

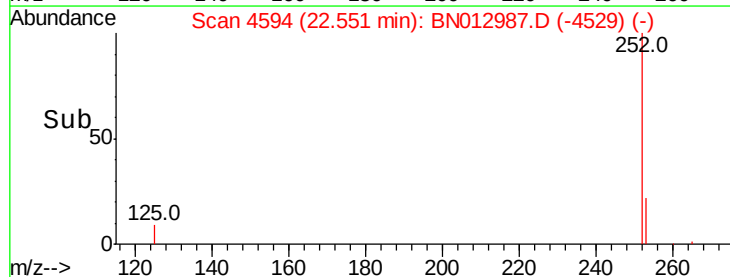
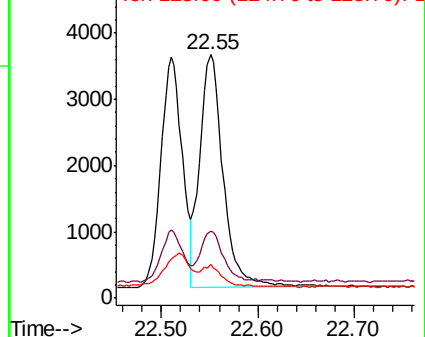
125 13.6 11.1 16.7

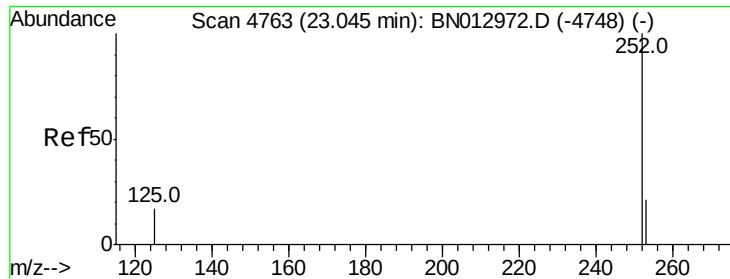


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.04 min Scan# 4761

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.432

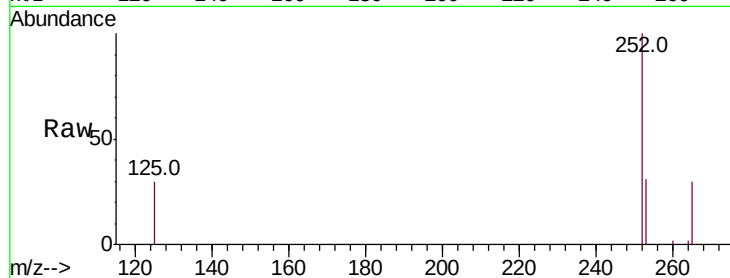
Tot Ion:252 Resp: 5140

Ion Ratio Lower Upper

252 100

253 30.8 26.5 39.7

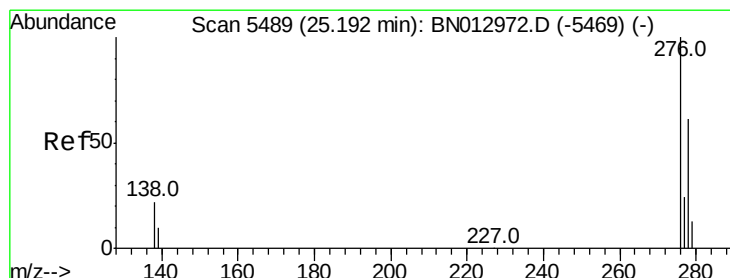
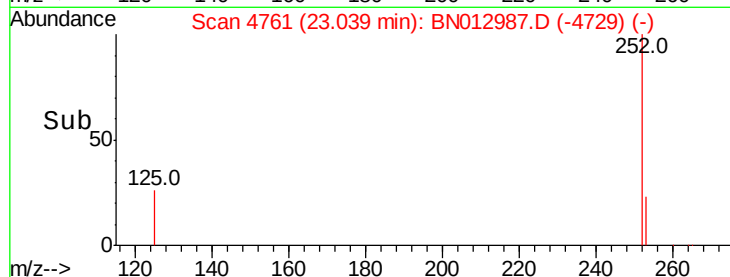
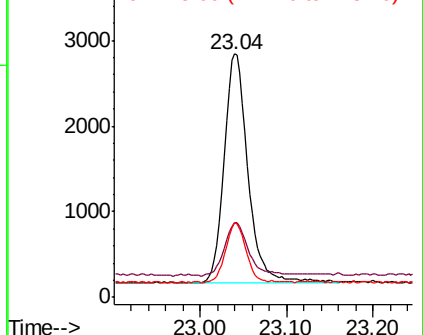
125 30.5 14.2 21.2#



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: 0.378 ng/ul

RT: 25.18 min Scan# 5487

Delta R.T. -0.01 min

Lab File: BN012987.D

Acq: 08 Dec 2020 22:41

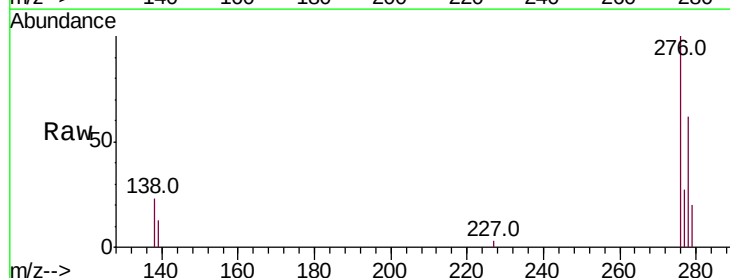
Tgt Ion:276 Resp: 6071

Ion Ratio Lower Upper

276 100

138 20.7 16.2 24.2

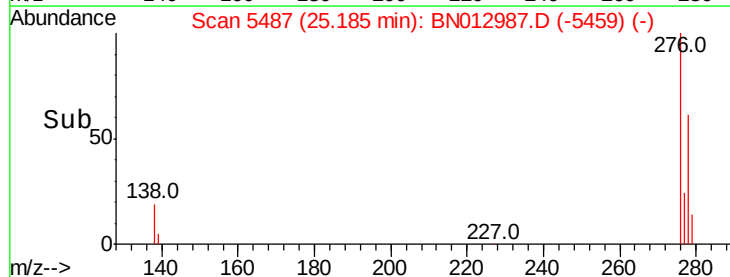
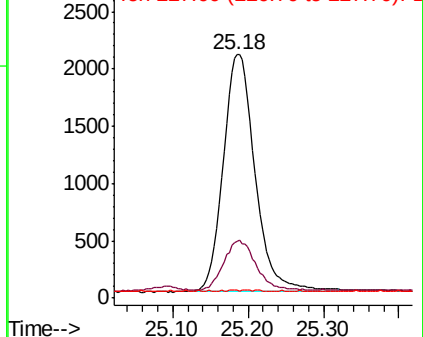
227 0.1 0.0 0.0#

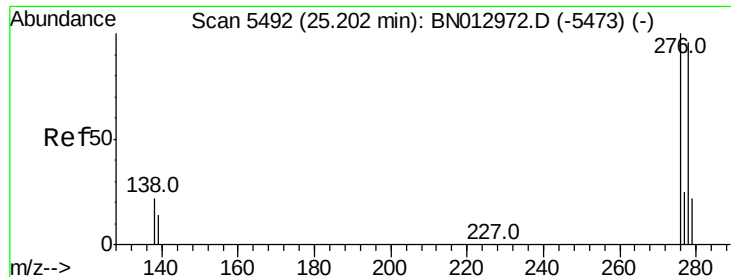


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



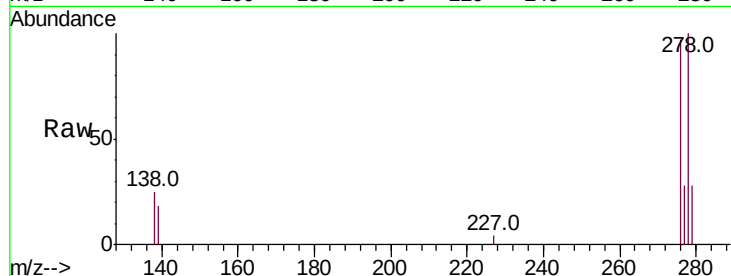


#25
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012987.D
Acq: 08 Dec 2020 22:41

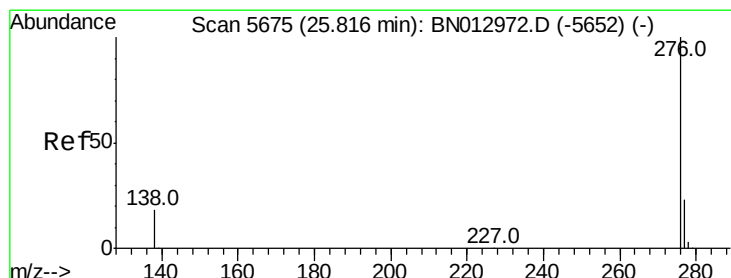
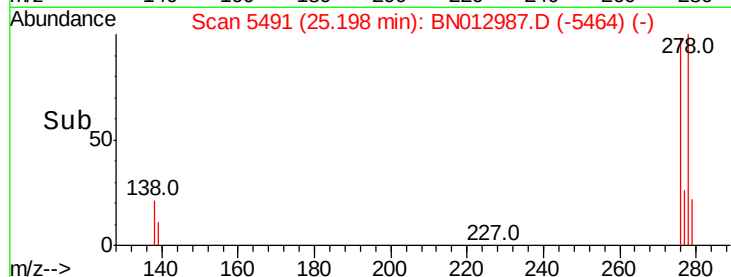
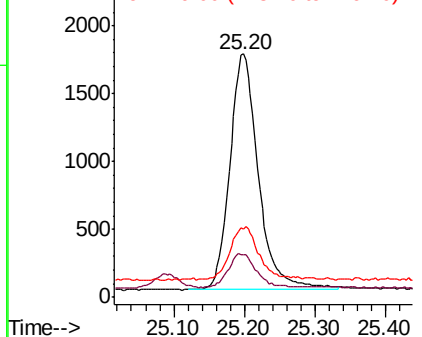
Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tot Ion:278 Resp: 4896

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	28.2	26.3	39.5



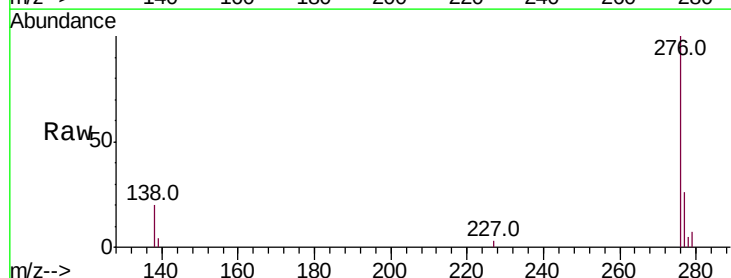
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN012987.D
Acq: 08 Dec 2020 22:41

Tgt Ion:276 Resp: 5246

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.3	24.5
277	26.2	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

