

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012367.D
 Acq On : 20 Oct 2020 00:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 20 07:32:09 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 : Tue Oct 20 07:24:17 2020
 Response via : Initial Calibration

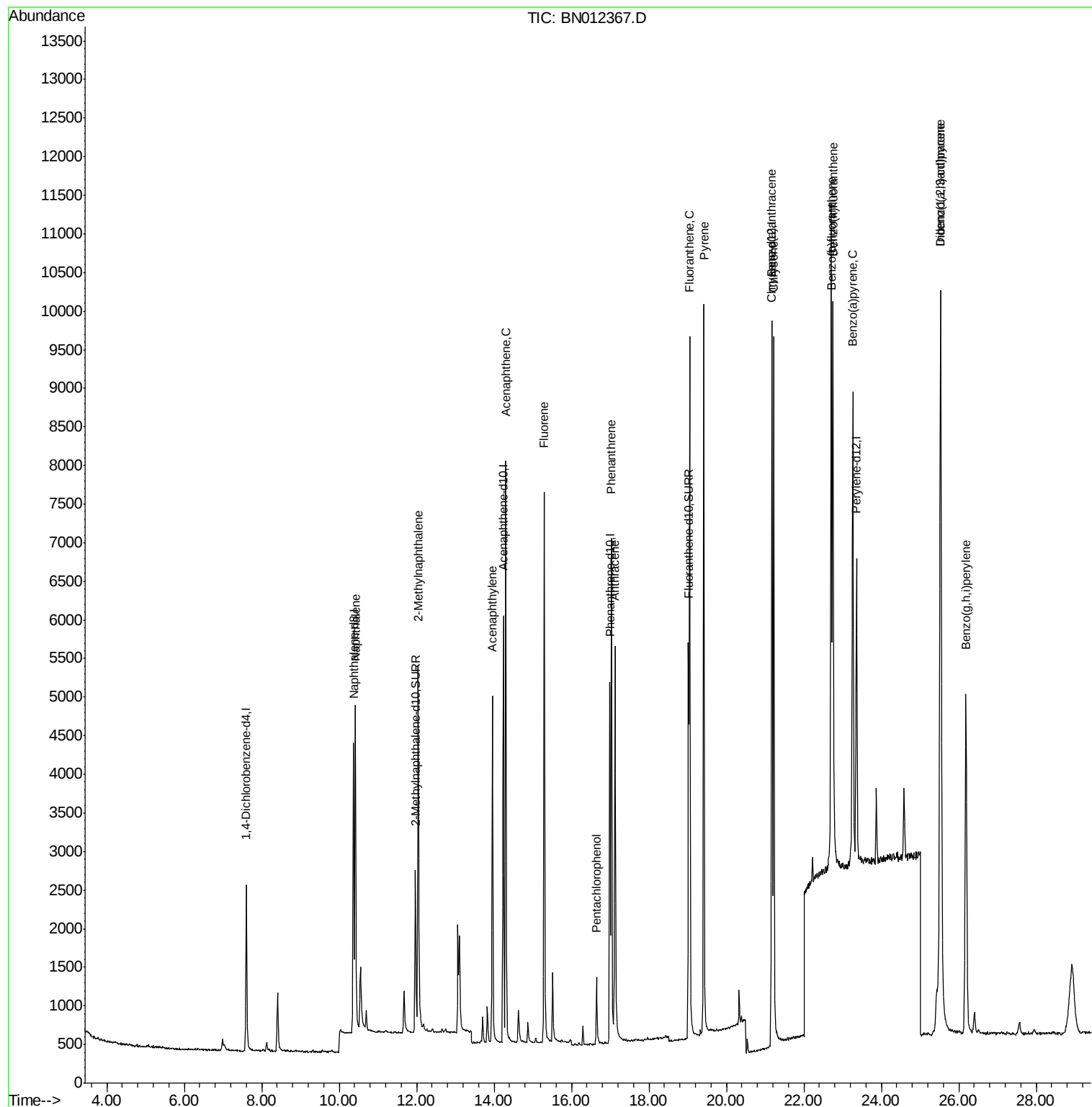
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1303	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5643	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3113	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	6132	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5184	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5172	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3418	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	6091	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	6318	0.388	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	4159	0.402	ng/ul	99
7) Acenaphthylene	13.95	152	5520	0.409	ng/ul	100
8) Acenaphthene	14.30	153	4550	0.399	ng/ul	99
9) Fluorene	15.29	166	5048	0.397	ng/ul	97
11) Pentachlorophenol	16.65	266	722	0.407	ng/ul	99
12) Phenanthrene	17.03	178	7684	0.393	ng/ul	100
13) Anthracene	17.12	178	6846	0.408	ng/ul	98
15) Fluoranthene	19.05	202	8439	0.369	ng/ul	99
17) Pyrene	19.41	202	8769	0.375	ng/ul	97
18) Benzo(a)anthracene	21.17	228	7501	0.391	ng/ul	100
19) Chrysene	21.22	228	8696	0.372	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	8879	0.425	ng/ul	95
22) Benzo(k)fluoranthene	22.75	252	9244	0.400	ng/ul	98
23) Benzo(a)pyrene	23.26	252	8136	0.400	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.52	276	10563	0.405	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.53	278	8546	0.409	ng/ul#	71
26) Benzo(g,h,i)perylene	26.18	276	9029	0.377	ng/ul	98

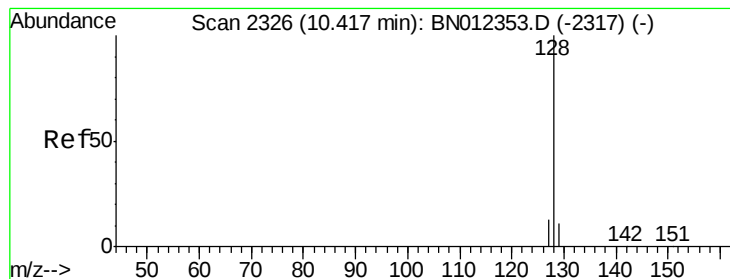
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.388 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

Instrument :

BNA_N

ClientSampleId :

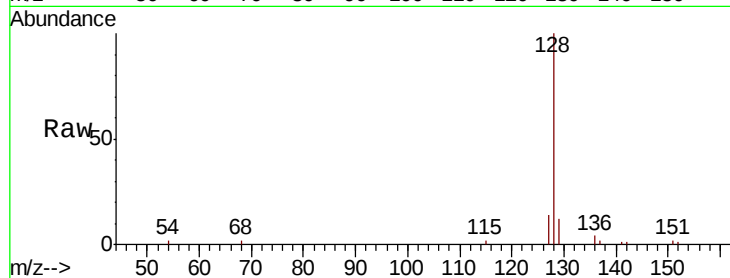
Tot Ion:128 Resp: 6318

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.6

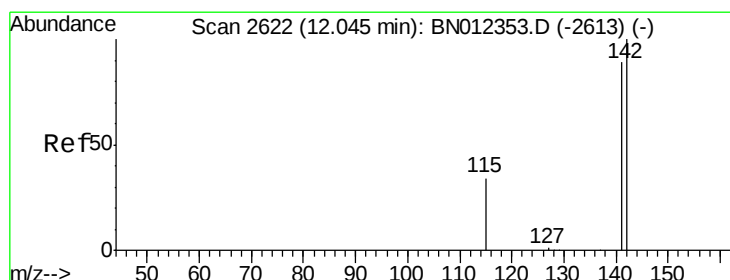
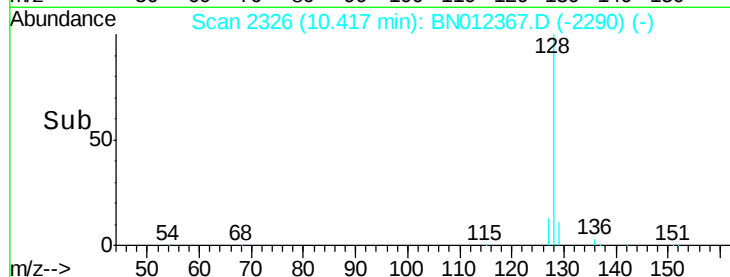
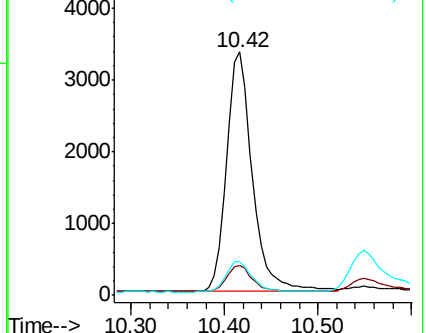
127 14.0 11.4 17.2



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: 0.402 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN012367.D

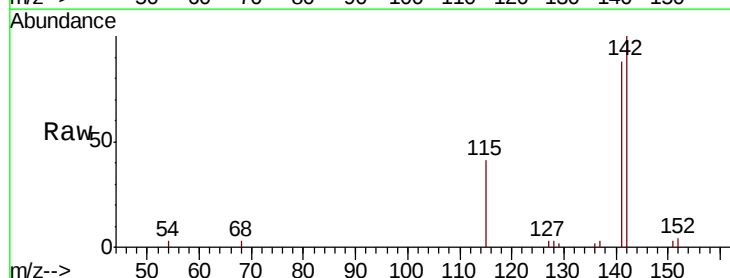
Acq: 20 Oct 2020 00:36

Tgt Ion:142 Resp: 4159

Ion Ratio Lower Upper

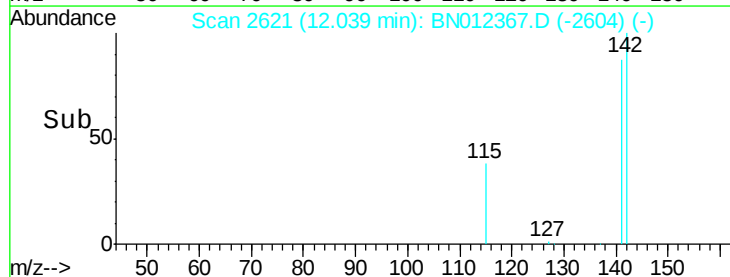
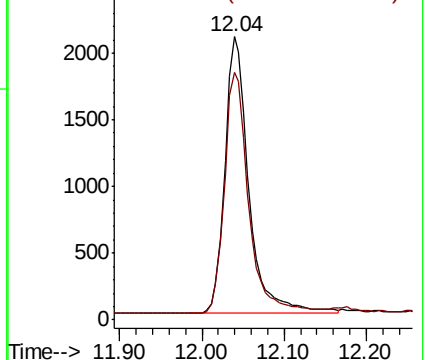
142 100

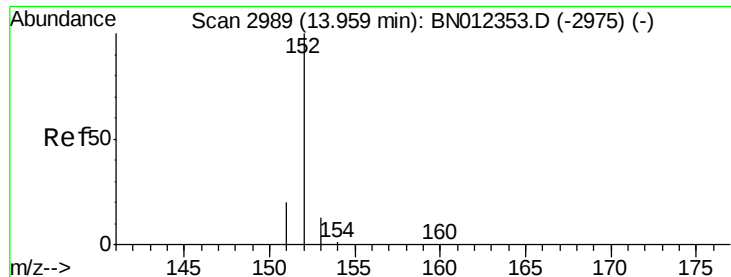
141 89.7 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.409 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

Instrument :

BNA_N

ClientSampleId :

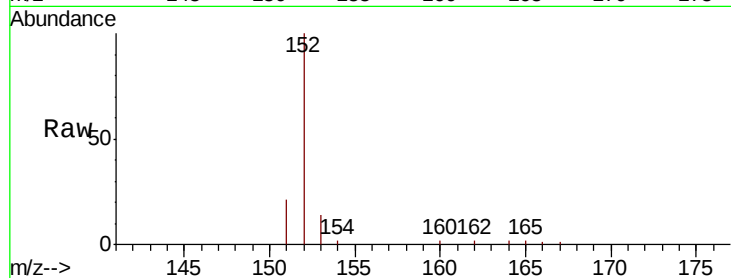
Tot Ion:152 Resp: 5520

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

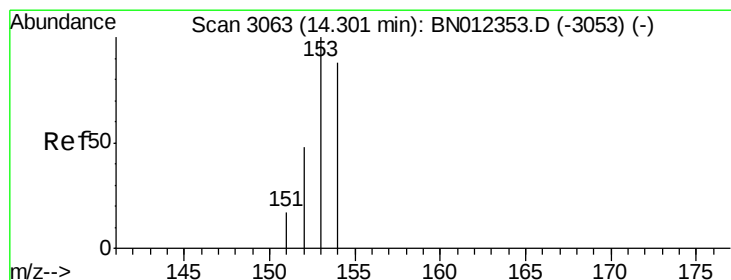
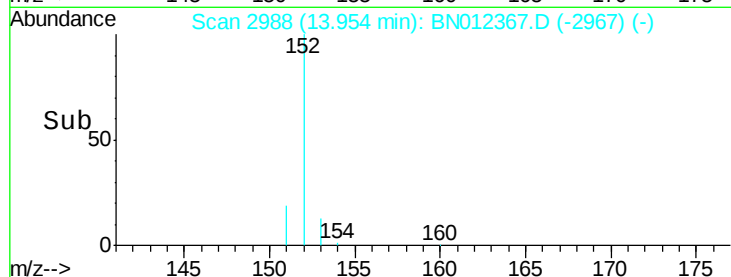
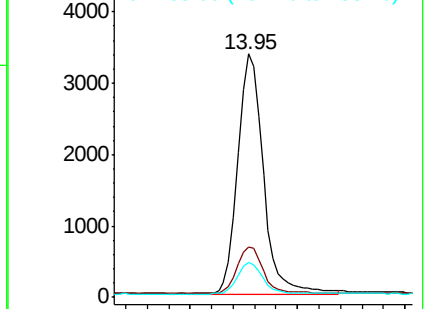
153 14.2 11.4 17.0



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: 0.399 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

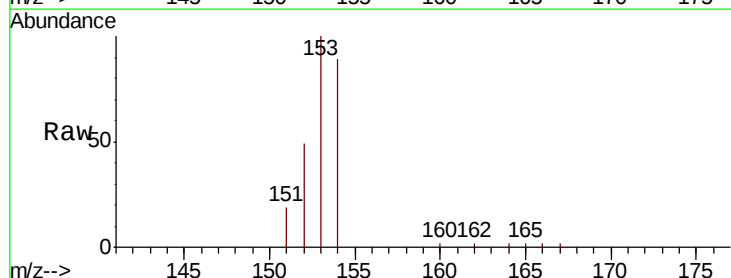
Tgt Ion:153 Resp: 4550

Ion Ratio Lower Upper

153 100

152 48.9 38.5 57.7

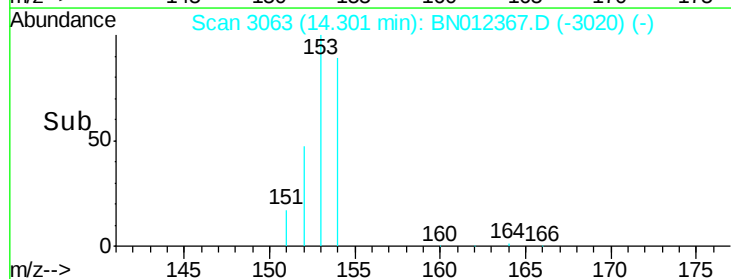
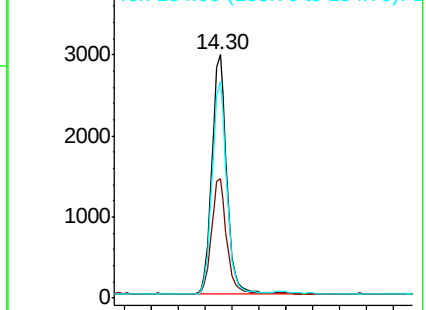
154 88.9 70.7 106.1

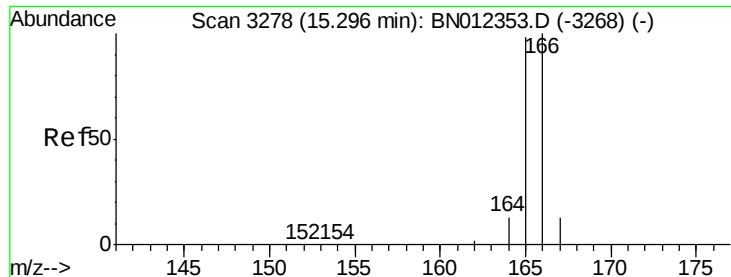


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

Instrument :

BNA_N

ClientSampleId :

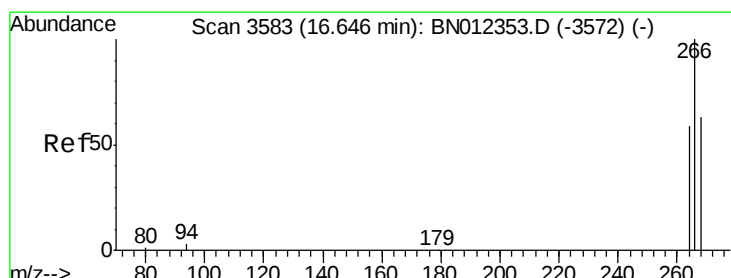
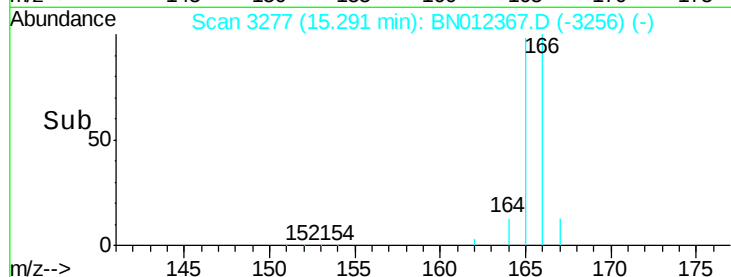
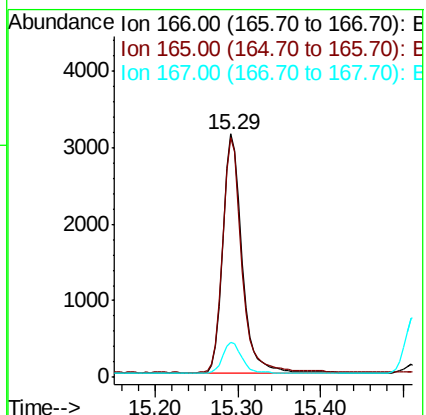
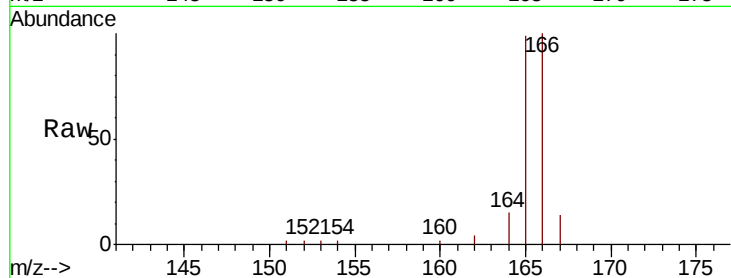
Tot Ion:166 Resp: 5048

Ion Ratio Lower Upper

166 100

165 98.5 76.3 114.5

167 14.4 12.0 18.0



#11

Pentachlorophenol

Concen: 0.407 ng/ul

RT: 16.65 min Scan# 3583

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

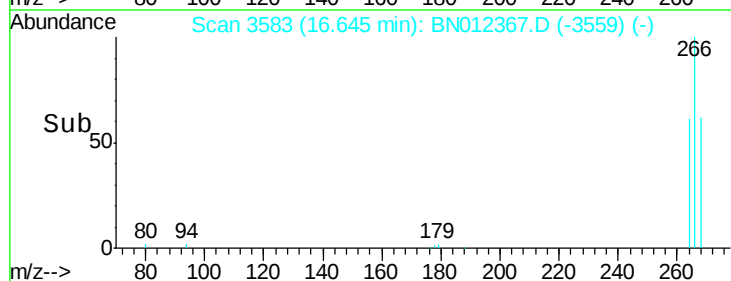
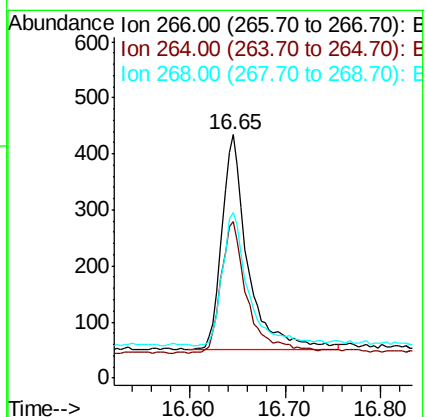
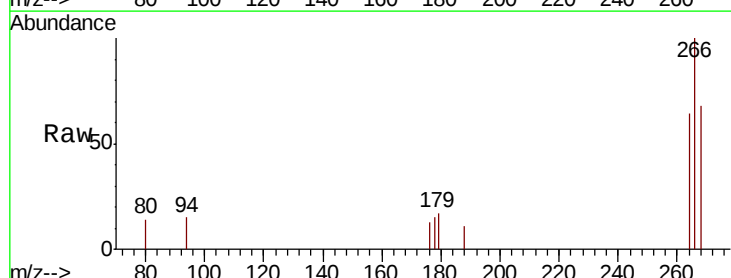
Tgt Ion:266 Resp: 722

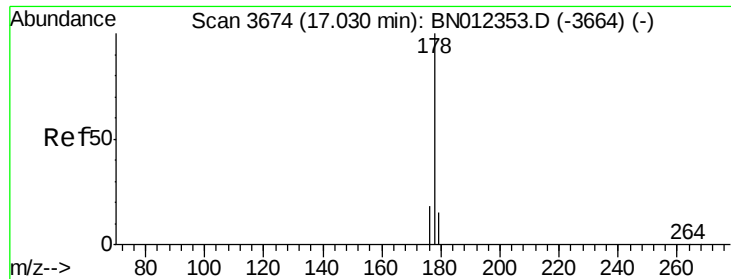
Ion Ratio Lower Upper

266 100

264 62.2 49.5 74.3

268 63.9 50.5 75.7





#12

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.03 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

Instrument :

BNA_N

ClientSampleId :

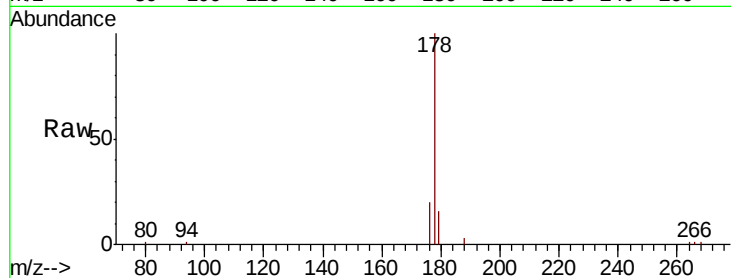
Tot Ion:178 Resp: 7684

Ion Ratio Lower Upper

178 100

179 16.1 13.1 19.7

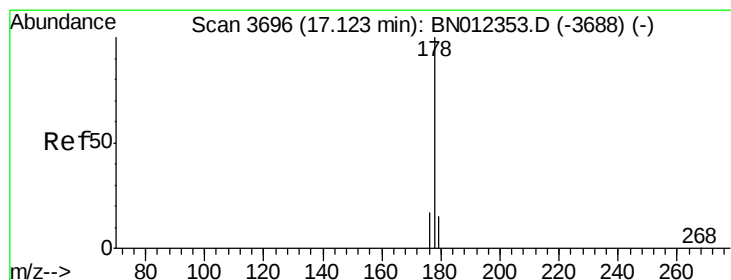
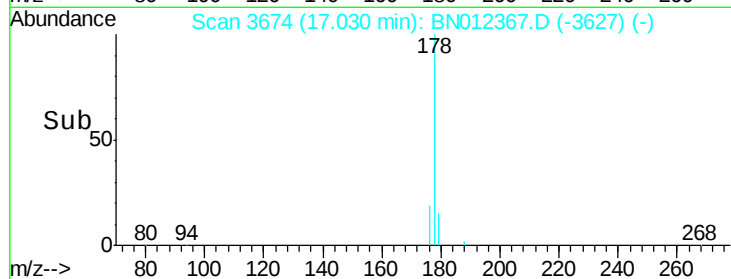
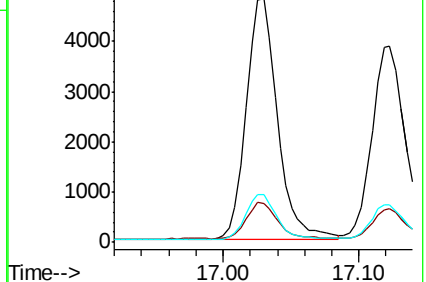
176 19.7 15.8 23.8



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: 0.408 ng/ul

RT: 17.12 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

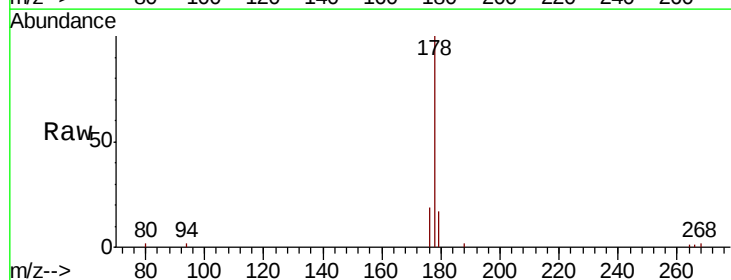
Tgt Ion:178 Resp: 6846

Ion Ratio Lower Upper

178 100

179 17.4 13.1 19.7

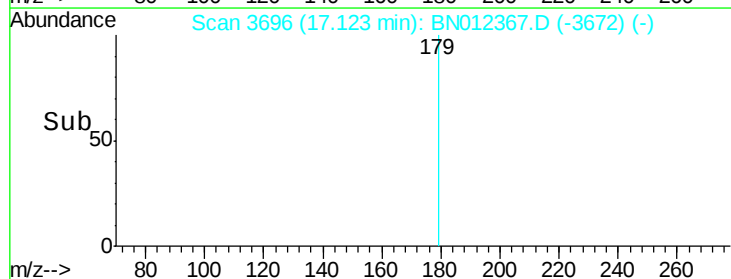
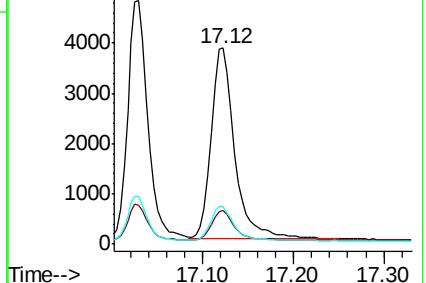
176 18.9 15.4 23.2

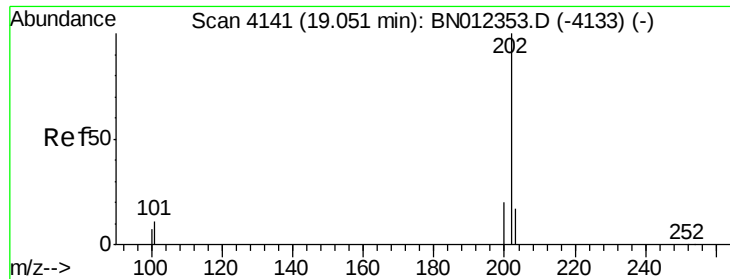


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

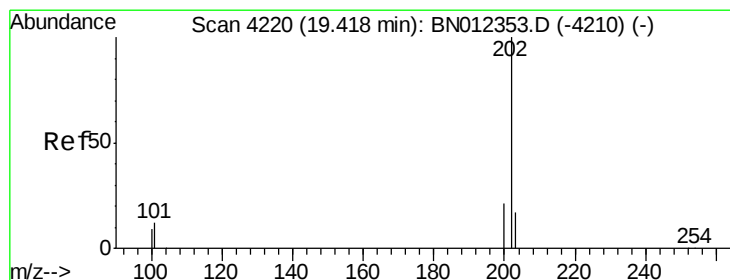
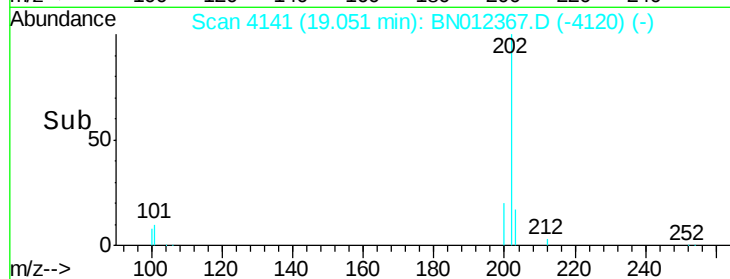
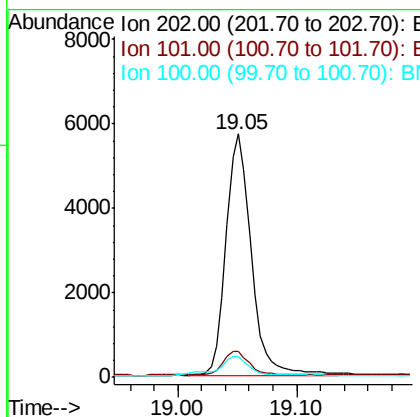
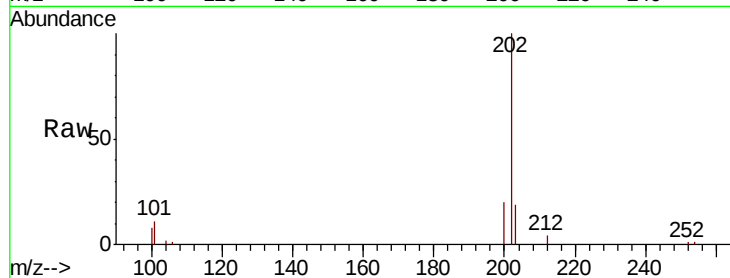




#15
Fluoranthene
 Concen: 0.369 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN012367.D
 Acq: 20 Oct 2020 00:36

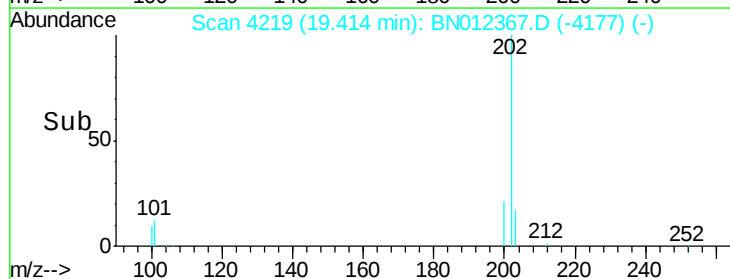
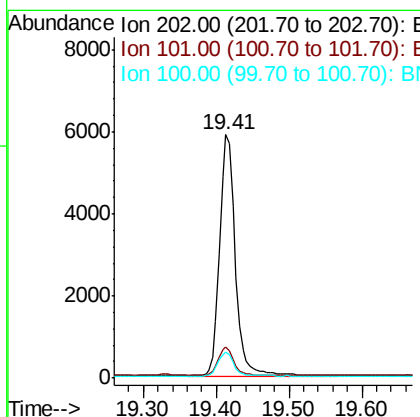
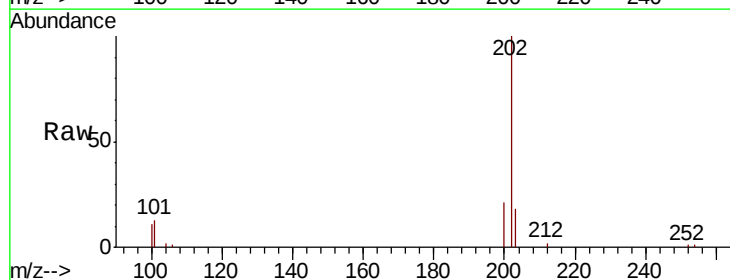
Instrument :
 BNA_N
 ClientSampleId :

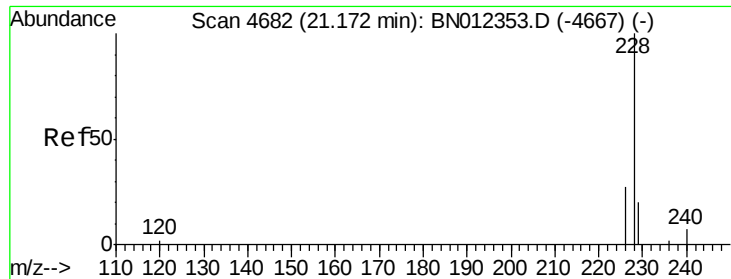
Tot Ion:202 Resp: 8439
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.1
 100 8.4 0.0 28.7



#17
Pyrene
 Concen: 0.375 ng/ul
 RT: 19.41 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BN012367.D
 Acq: 20 Oct 2020 00:36

Tgt Ion:202 Resp: 8769
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.6 14.4
 100 10.9 7.8 11.8

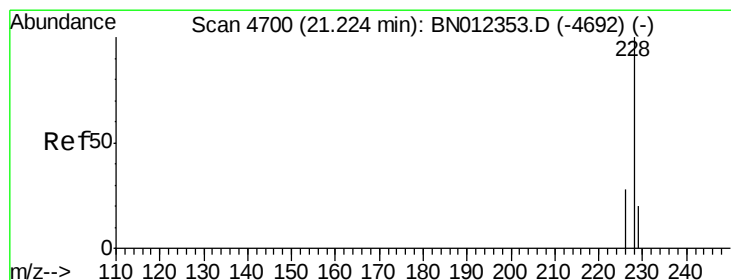
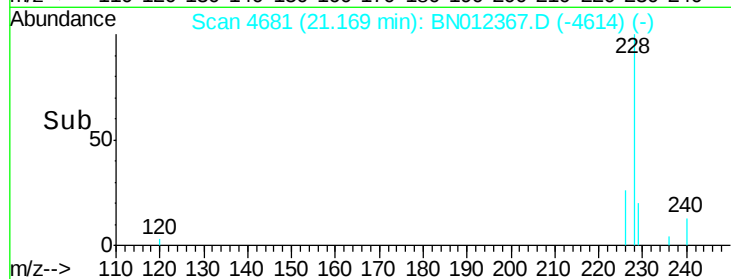
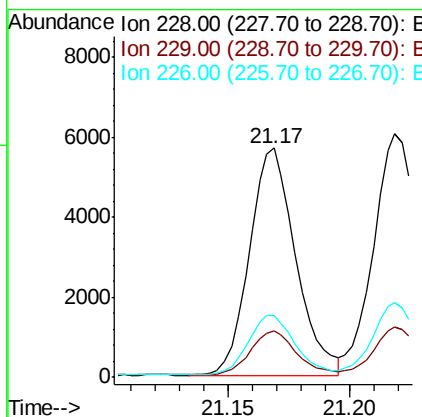
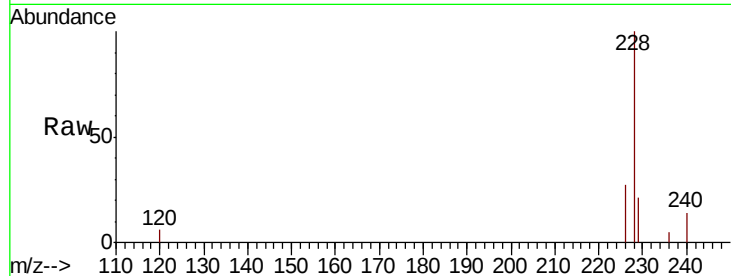




#18
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN012367.D
Acq: 20 Oct 2020 00:36

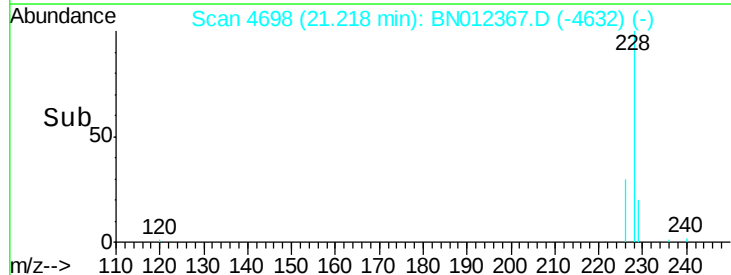
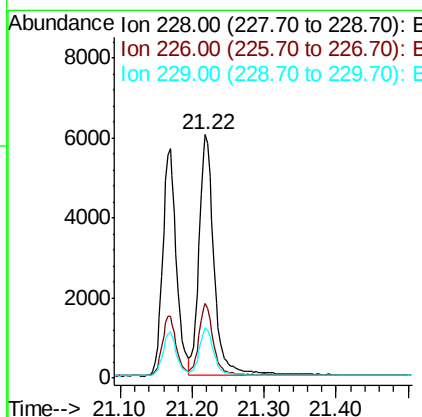
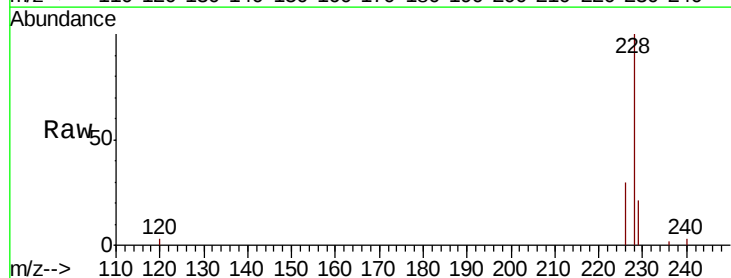
Instrument :
BNA_N
ClientSampleId :

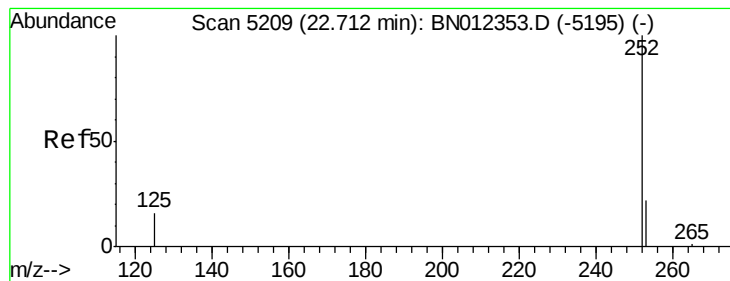
Tot Ion:228 Resp: 7501
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.4
226 26.7 21.2 31.8



#19
Chrysene
Concen: 0.372 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN012367.D
Acq: 20 Oct 2020 00:36

Tgt Ion:228 Resp: 8696
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 20.5 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.425 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.01 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

Instrument :

BNA_N

ClientSampleId :

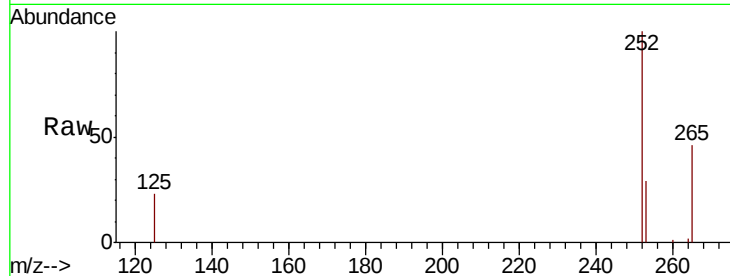
Tot Ion:252 Resp: 8879

Ion Ratio Lower Upper

252 100

253 29.4 0.0 56.4

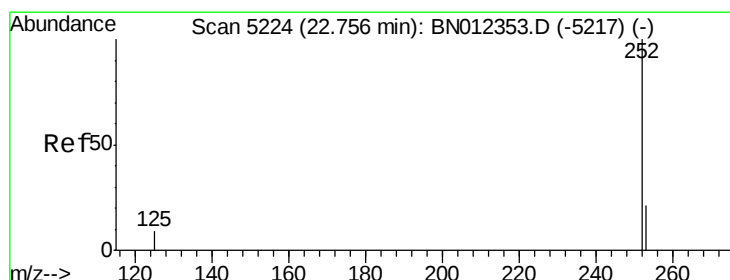
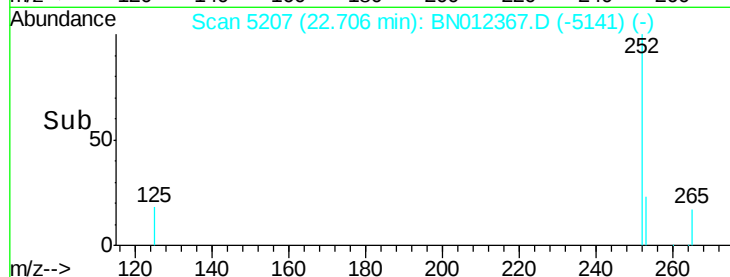
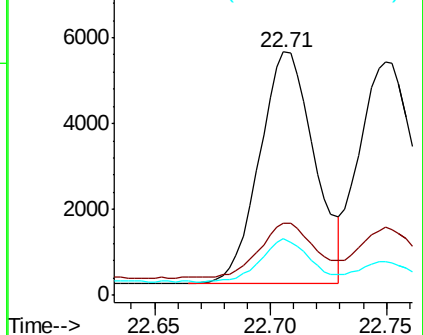
125 23.2 0.0 37.8



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

Benzo(k)fluoranthene

Concen: 0.400 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

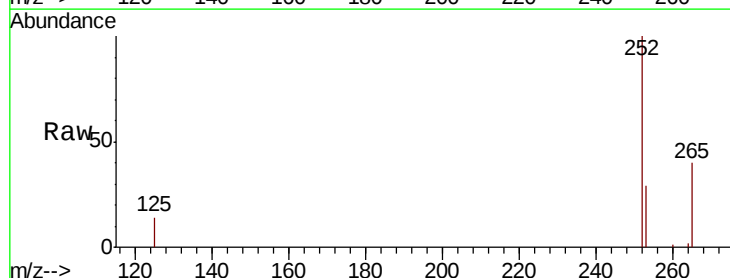
Tgt Ion:252 Resp: 9244

Ion Ratio Lower Upper

252 100

253 28.9 22.2 33.4

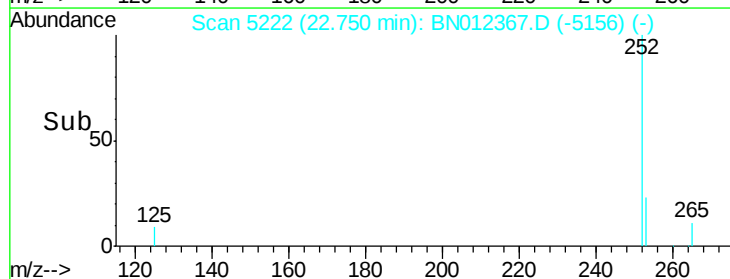
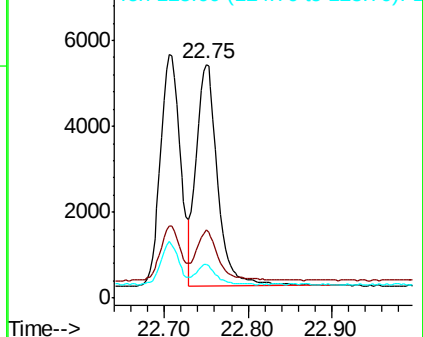
125 14.2 11.0 16.4

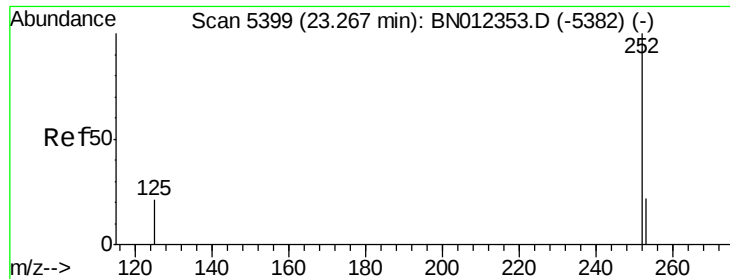


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.400 ng/u1

RT: 23.26 min Scan# 5397

Delta R.T. -0.01 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

Instrument :

BNA_N

ClientSampleId :

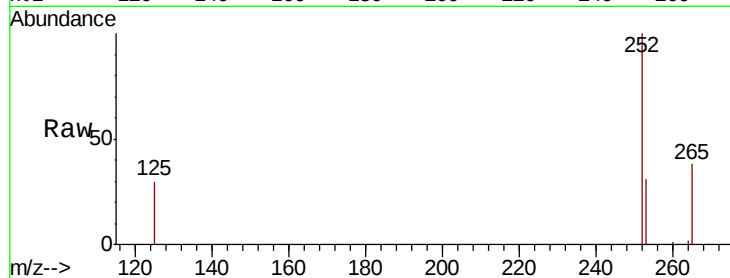
Tot Ion:252 Resp: 8136

Ion Ratio Lower Upper

252 100

253 30.7 23.8 35.6

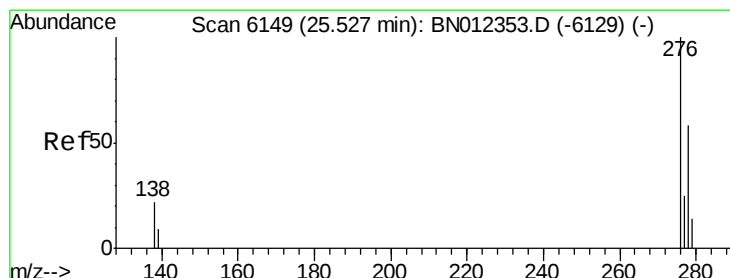
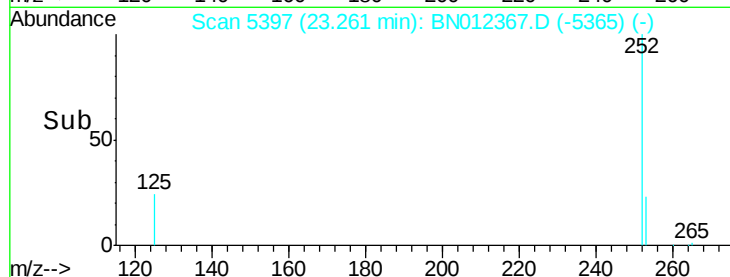
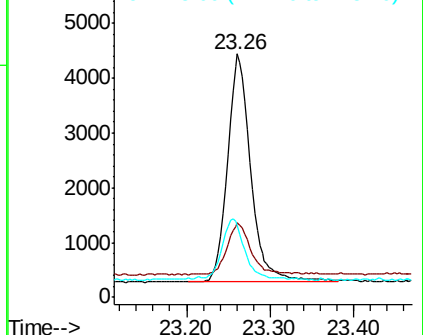
125 29.6 19.3 28.9#



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: 0.405 ng/u1

RT: 25.52 min Scan# 6148

Delta R.T. -0.00 min

Lab File: BN012367.D

Acq: 20 Oct 2020 00:36

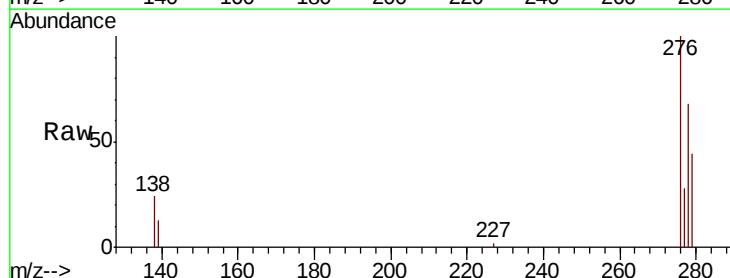
Tgt Ion:276 Resp: 10563

Ion Ratio Lower Upper

276 100

138 21.2 17.0 25.6

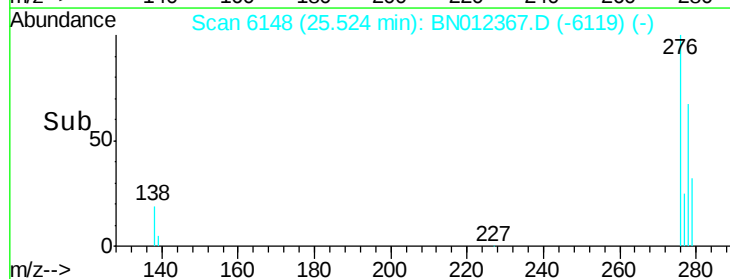
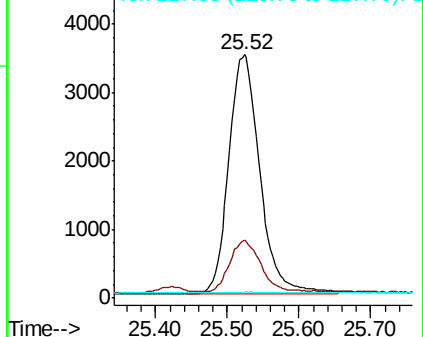
227 0.3 0.1 0.1#

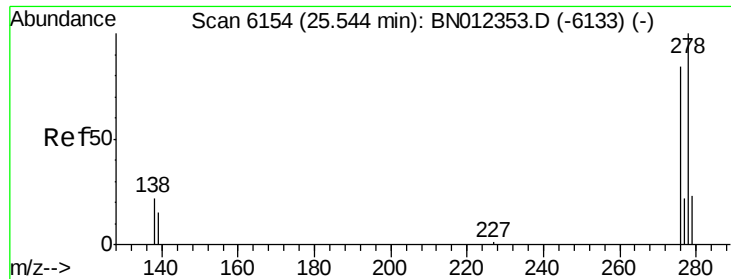


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

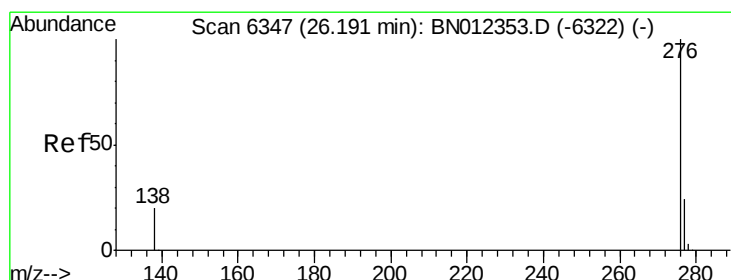
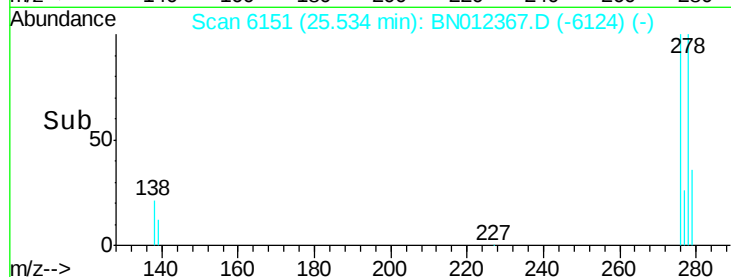
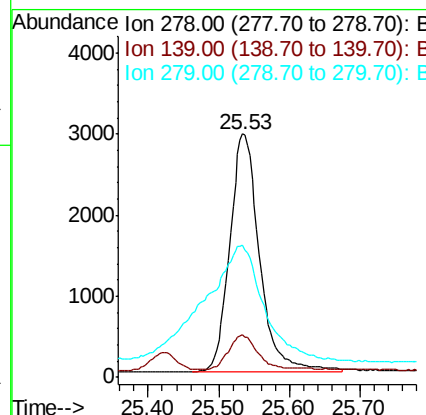
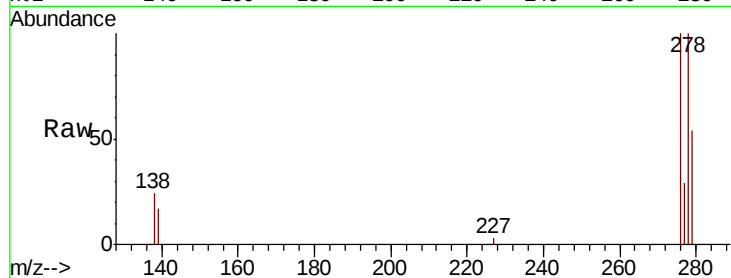




#25
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.01 min
Lab File: BN012367.D
Acq: 20 Oct 2020 00:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 8546
Ion Ratio Lower Upper
278 100
139 17.5 13.8 20.8
279 54.5 23.8 35.8#



#26
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. -0.01 min
Lab File: BN012367.D
Acq: 20 Oct 2020 00:36

Tgt Ion:276 Resp: 9029
Ion Ratio Lower Upper
276 100
138 21.7 16.6 24.8
277 25.1 20.7 31.1

