

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012373.D
 Acq On : 20 Oct 2020 04:49
 Operator : CG/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.426

Quant Time: Oct 20 08:26:05 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 08:18:15 2020
 Response via : Initial Calibration

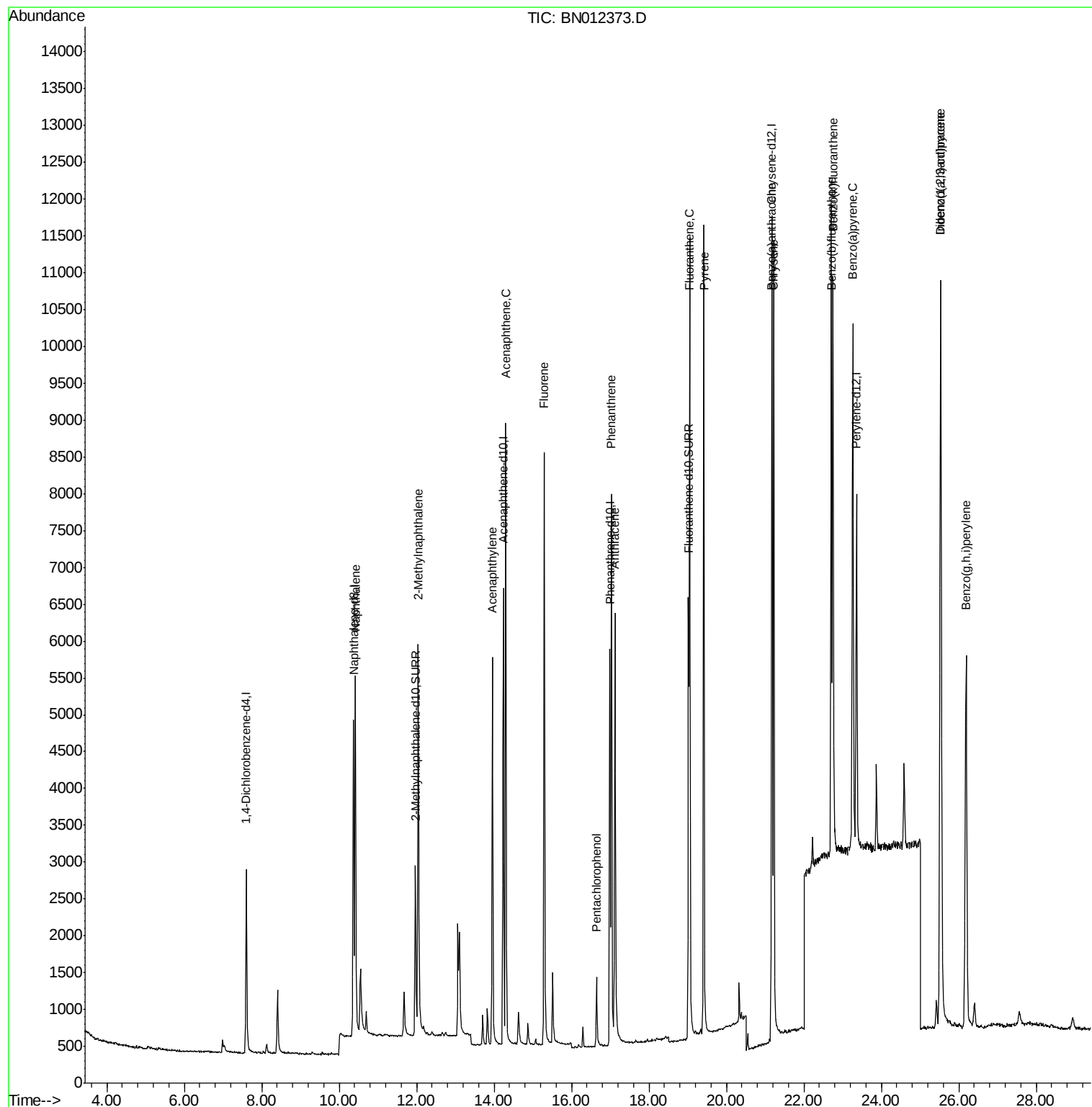
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1499	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	6488	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3584	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	7090	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	6046	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	6320	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3904	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	7172	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	7315	0.391	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	4788	0.403	ng/ul	99
7) Acenaphthylene	13.95	152	6353	0.409	ng/ul	100
8) Acenaphthene	14.30	153	5209	0.396	ng/ul	99
9) Fluorene	15.29	166	5768	0.394	ng/ul	97
11) Pentachlorophenol	16.65	266	804	0.392	ng/ul	99
12) Phenanthrene	17.03	178	8750	0.387	ng/ul	99
13) Anthracene	17.12	178	7863	0.406	ng/ul	100
15) Fluoranthene	19.05	202	9815	0.371	ng/ul	99
17) Pyrene	19.41	202	10211	0.375	ng/ul	97
18) Benzo(a)anthracene	21.17	228	8886	0.397	ng/ul	98
19) Chrysene	21.22	228	10104	0.370	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	10028	0.393	ng/ul	96
22) Benzo(k)fluoranthene	22.75	252	10666	0.377	ng/ul	99
23) Benzo(a)pyrene	23.26	252	9710	0.391	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.52	276	11974	0.375	ng/ul	98
25) Dibenzo(a,h)anthracene	25.54	278	9712	0.381	ng/ul	98
26) Benzo(g,h,i)perylene	26.18	276	10503	0.359	ng/ul	99

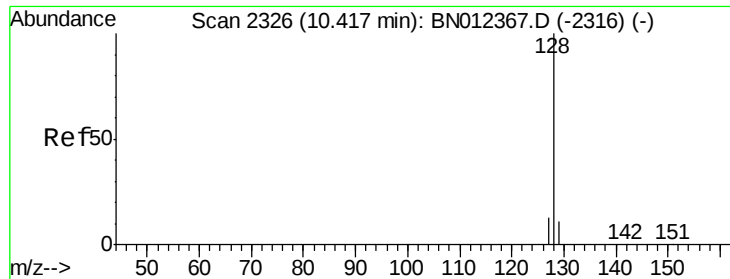
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.391 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

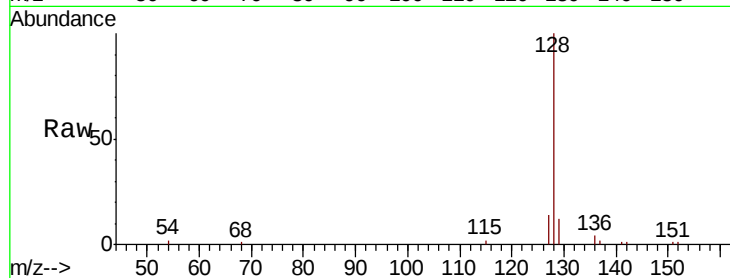
Tot Ion:128 Resp: 7315

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

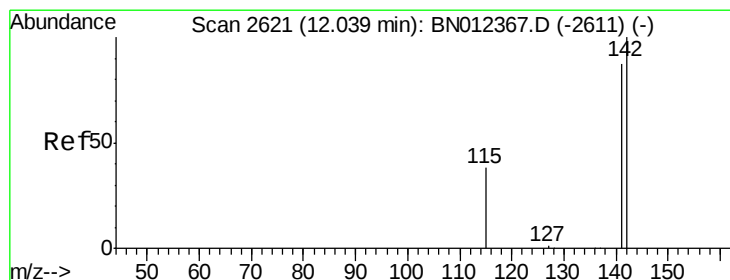
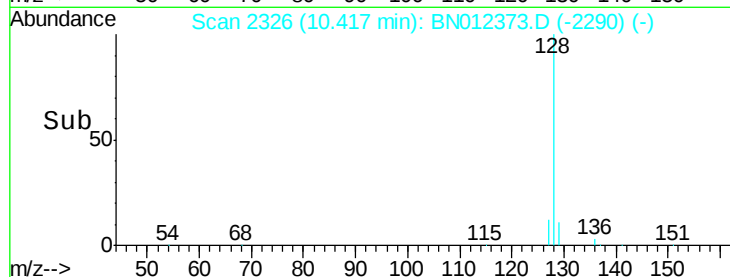
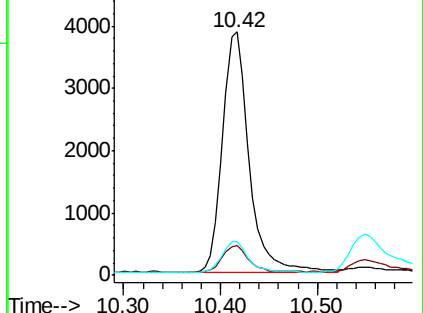
127 13.6 11.4 17.2



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: 0.403 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BN012373.D

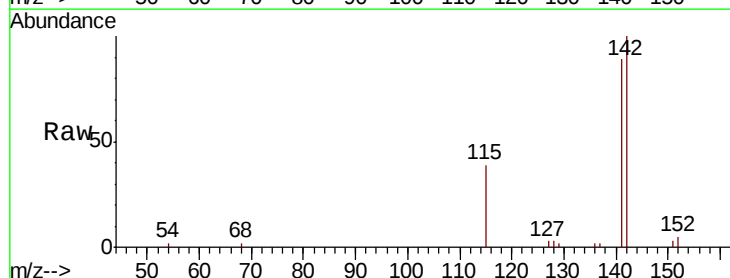
Acq: 20 Oct 2020 04:49

Tgt Ion:142 Resp: 4788

Ion Ratio Lower Upper

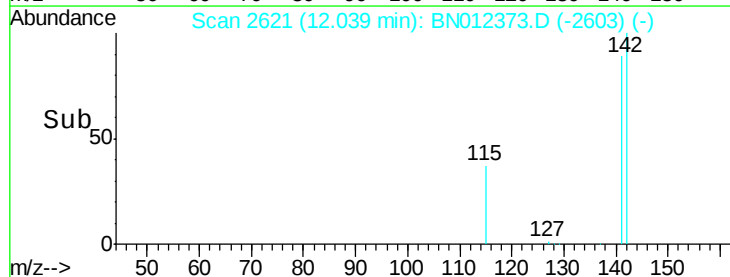
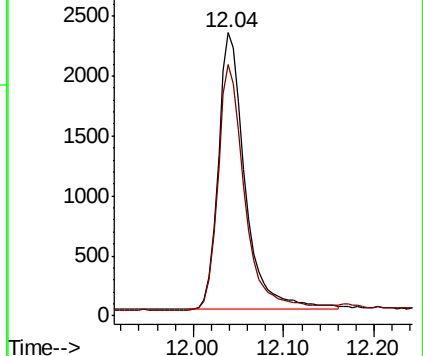
142 100

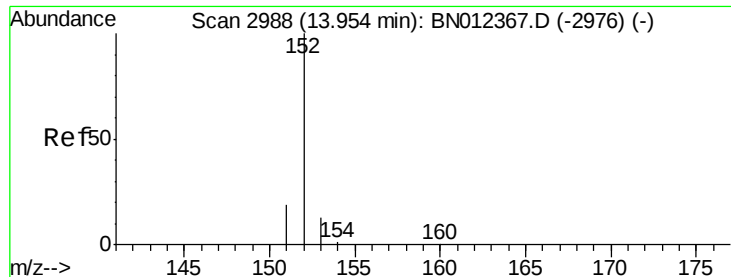
141 89.8 70.8 106.2



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: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

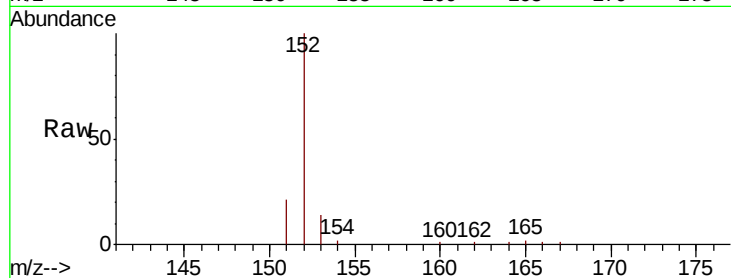
BNA_N

ClientSampleId :

SSTD0.426

Tot Ion:152 Resp: 6353

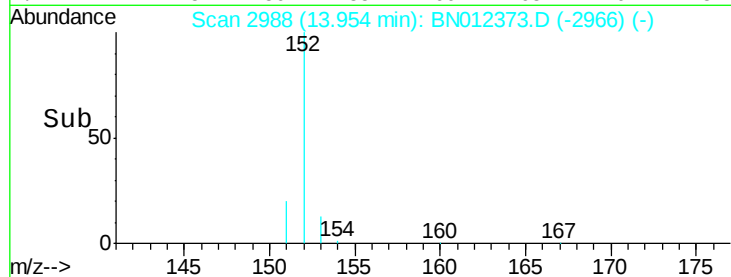
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8
153	14.5	11.4	17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

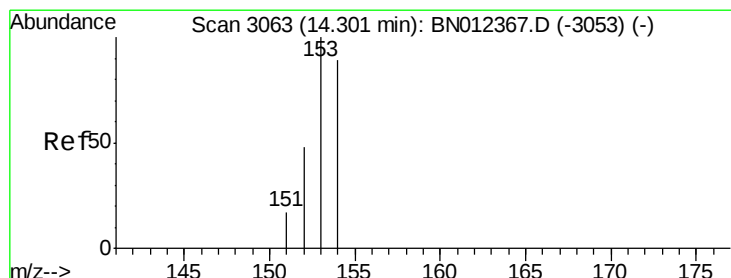
Ion 153.00 (152.70 to 153.70): E



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: 0.396 ng/ul

RT: 14.30 min Scan# 3063

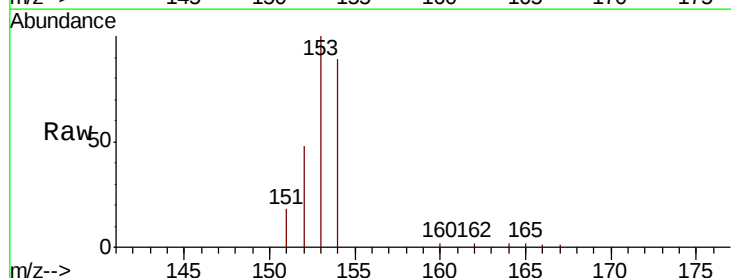
Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Tgt Ion:153 Resp: 5209

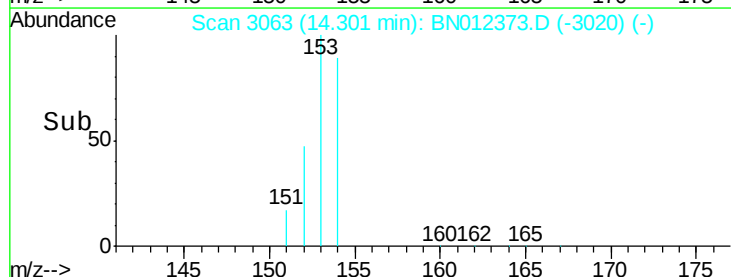
Ion	Ratio	Lower	Upper
153	100		
152	48.1	38.5	57.7
154	89.5	70.7	106.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

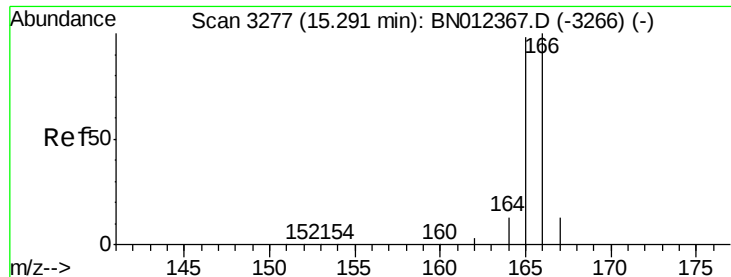
Ion 154.00 (153.70 to 154.70): E



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: 0.394 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

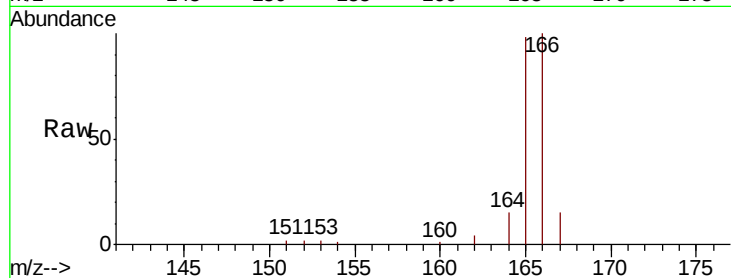
Tot Ion:166 Resp: 5768

Ion Ratio Lower Upper

166 100

165 98.3 76.3 114.5

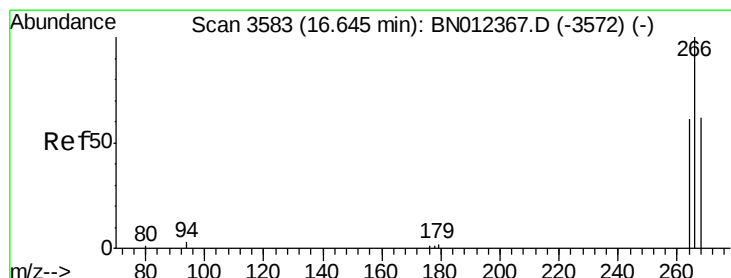
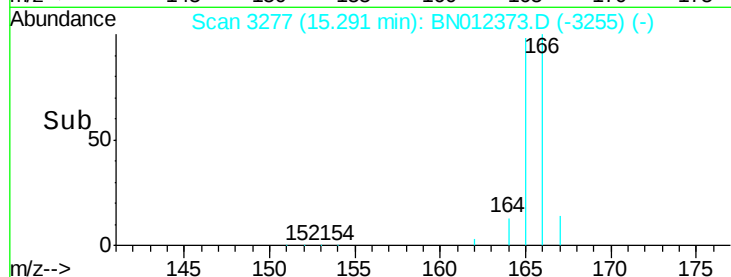
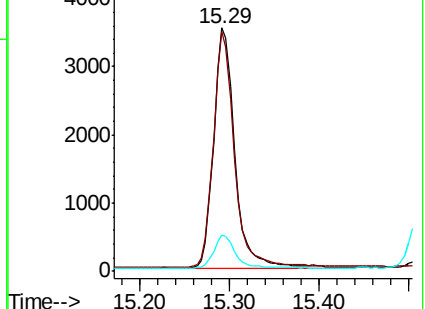
167 14.8 12.0 18.0



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: 0.392 ng/ul

RT: 16.65 min Scan# 3583

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

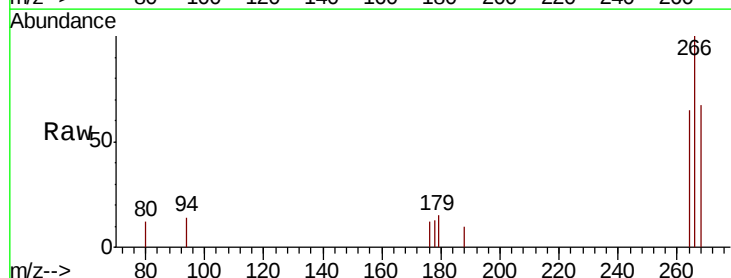
Tgt Ion:266 Resp: 804

Ion Ratio Lower Upper

266 100

264 63.2 49.5 74.3

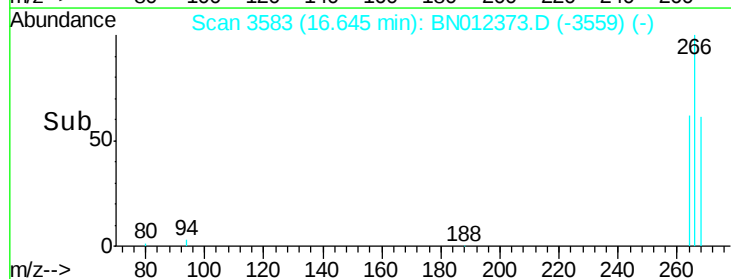
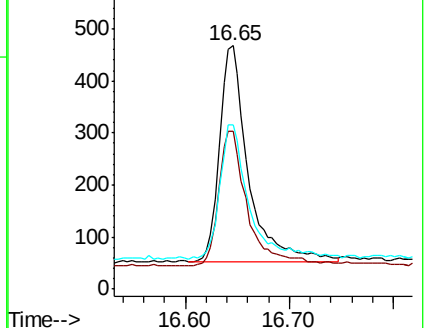
268 63.3 50.5 75.7

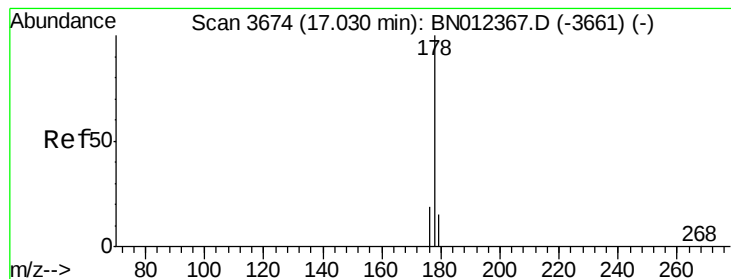


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.03 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

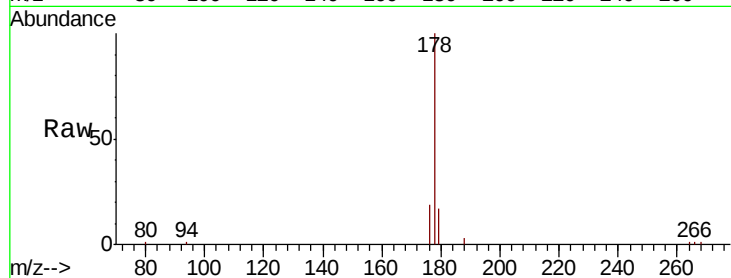
Tot Ion:178 Resp: 8750

Ion Ratio Lower Upper

178 100

179 17.0 13.1 19.7

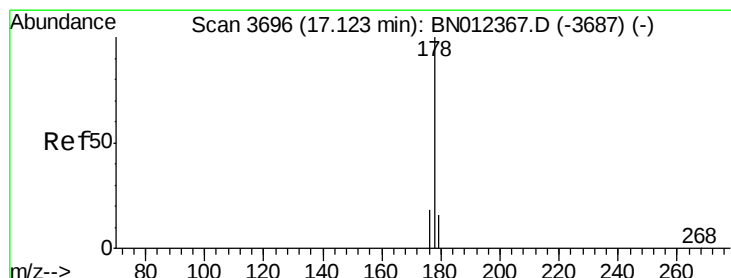
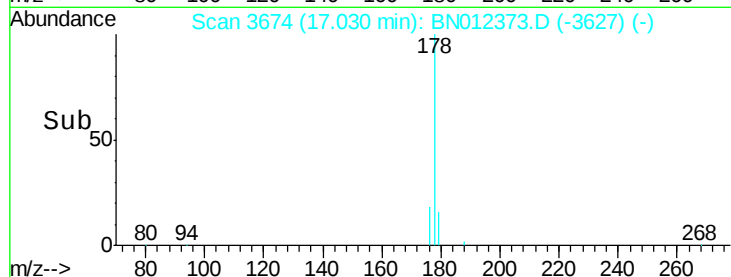
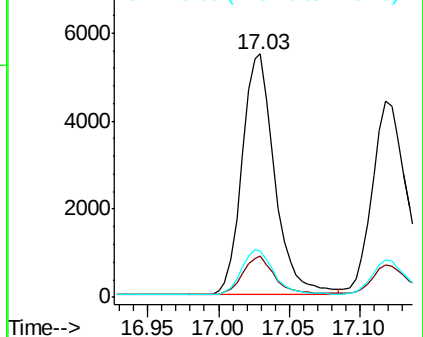
176 19.1 15.8 23.8



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: 0.406 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

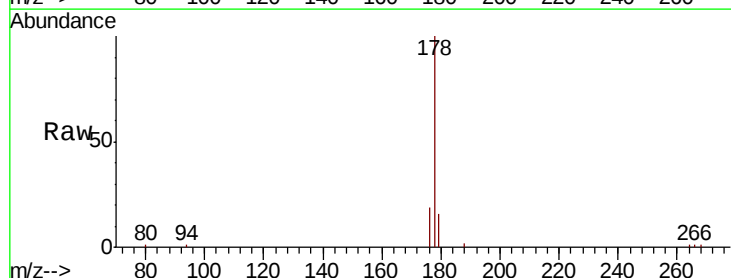
Tgt Ion:178 Resp: 7863

Ion Ratio Lower Upper

178 100

179 16.3 13.1 19.7

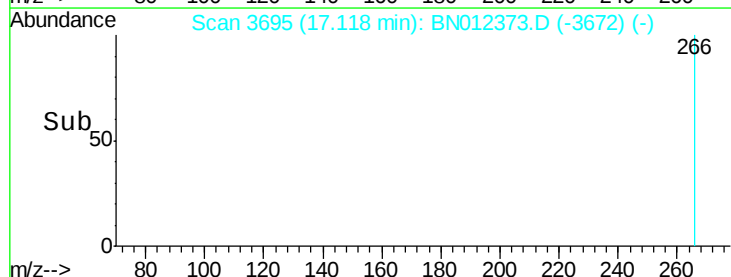
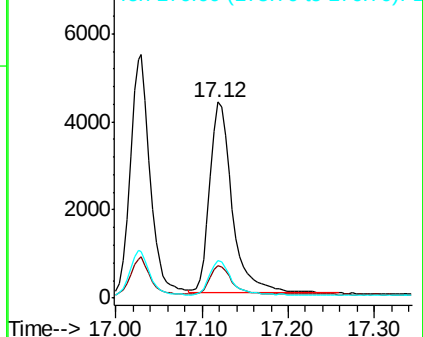
176 19.3 15.4 23.2

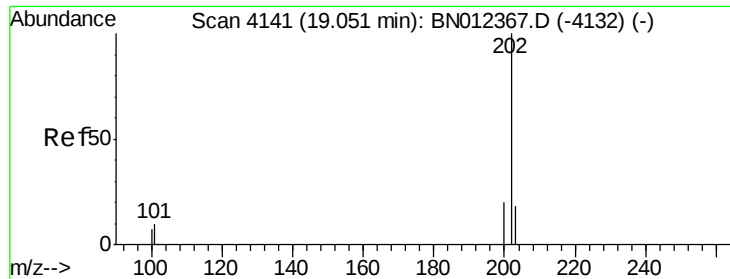


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

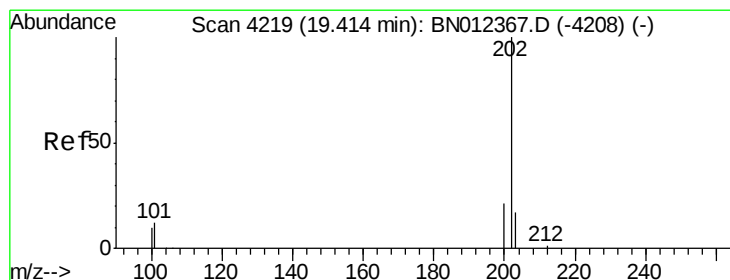
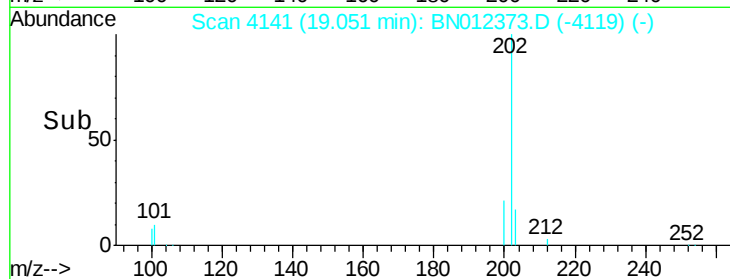
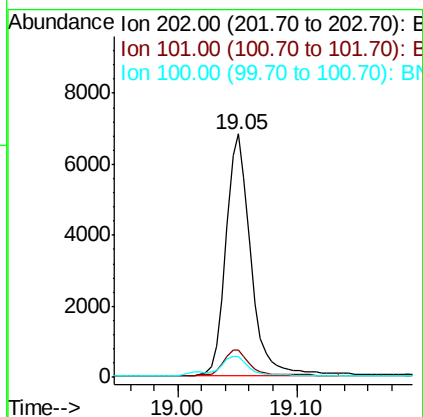
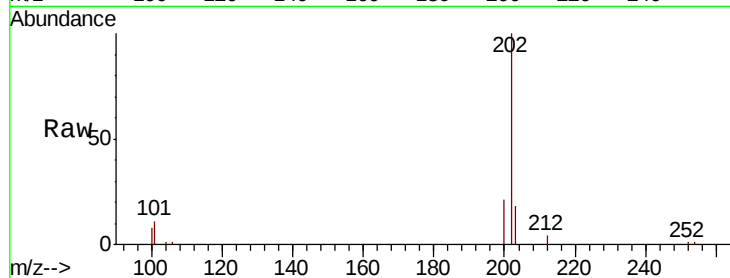




#15
Fluoranthene
 Concen: 0.371 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN012373.D
 Acq: 20 Oct 2020 04:49

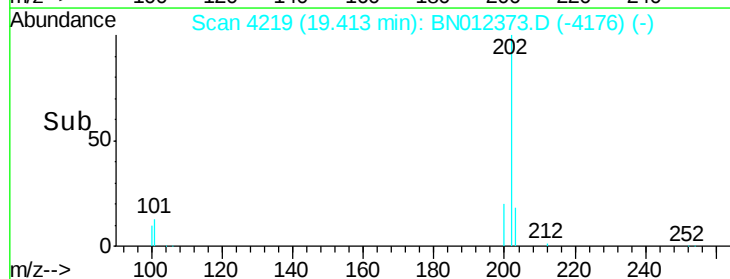
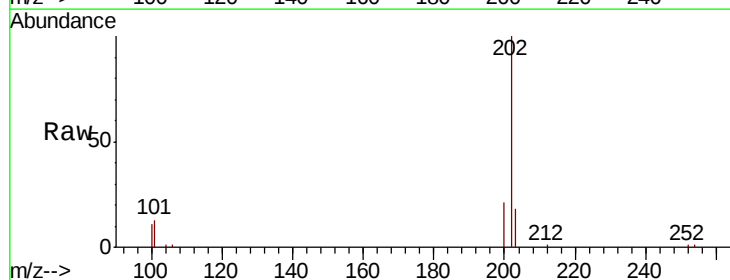
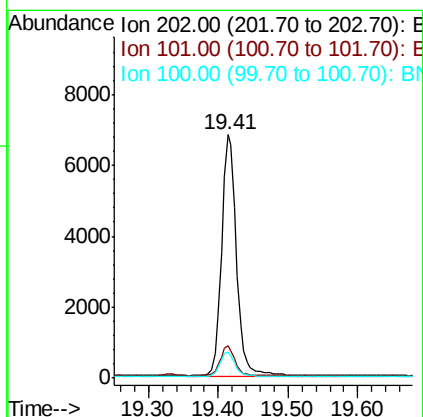
Instrument :
 BNA_N
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 SST0.426

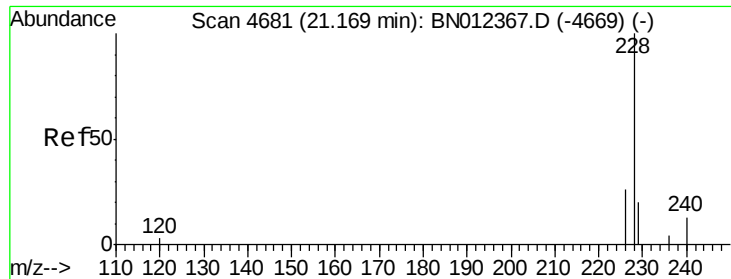
Tot Ion:202 Resp: 9815
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 31.1
 100 8.3 0.0 28.7



#17
Pyrene
 Concen: 0.375 ng/ul
 RT: 19.41 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BN012373.D
 Acq: 20 Oct 2020 04:49

Tgt Ion:202 Resp: 10211
 Ion Ratio Lower Upper
 202 100
 101 13.3 9.6 14.4
 100 10.9 7.8 11.8





#18

Benzo(a)anthracene

Concen: 0.397 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

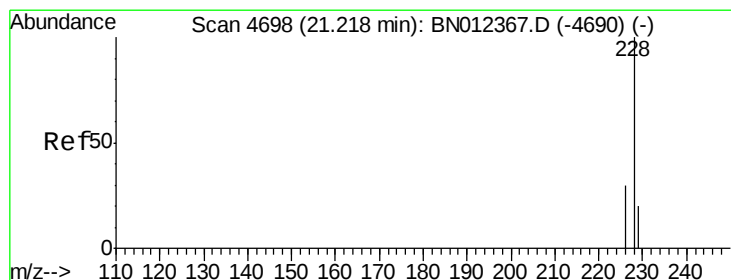
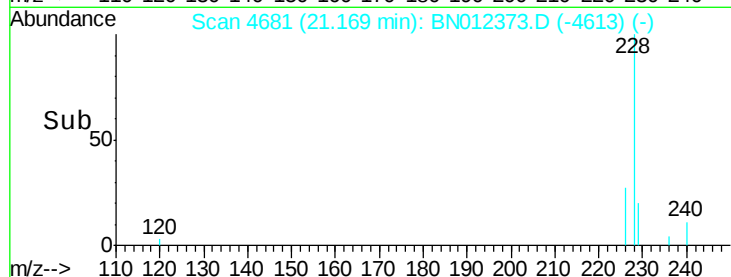
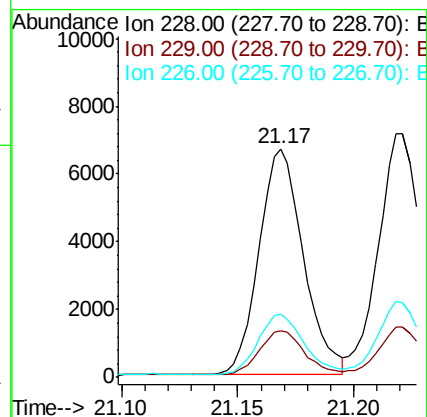
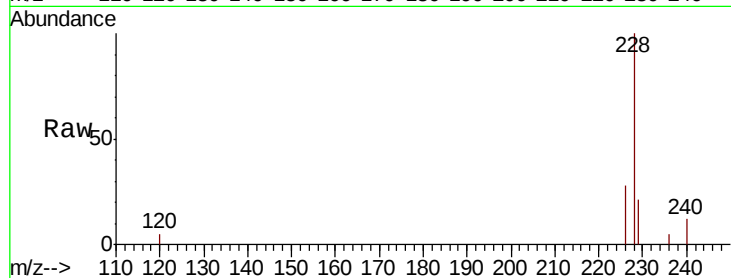
Tot Ion:228 Resp: 8886

Ion Ratio Lower Upper

228 100

229 20.6 16.2 24.4

226 27.8 21.2 31.8



#19

Chrysene

Concen: 0.370 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. 0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

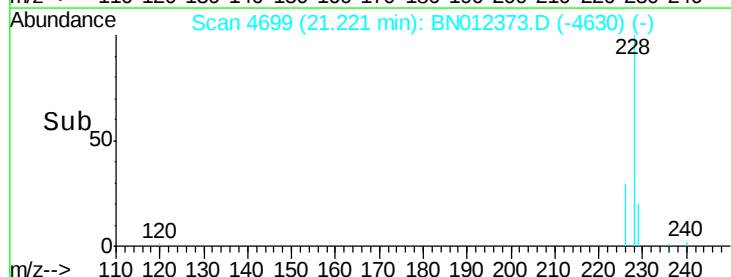
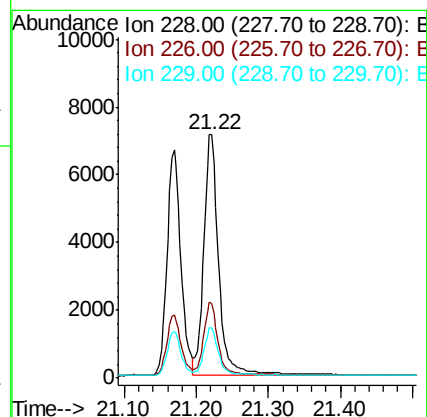
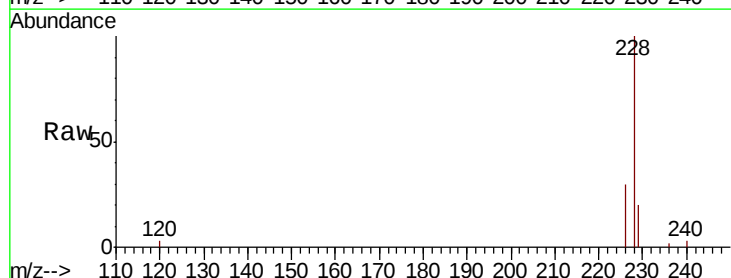
Tgt Ion:228 Resp: 10104

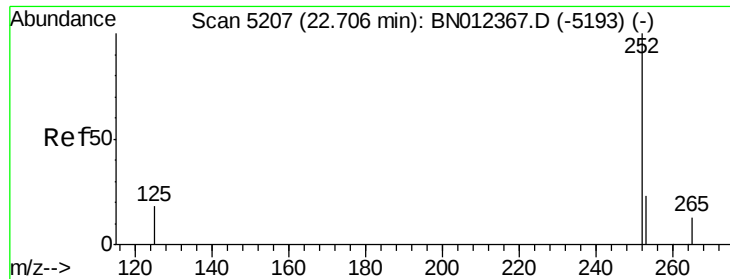
Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 20.4 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.393 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

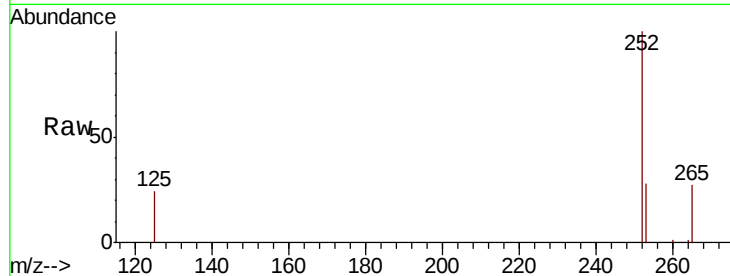
Tot Ion:252 Resp: 10028

Ion Ratio Lower Upper

252 100

253 28.4 0.0 56.4

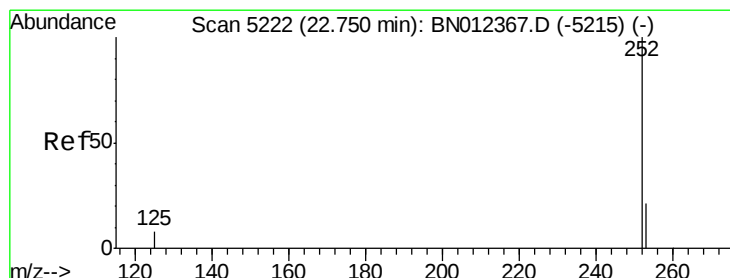
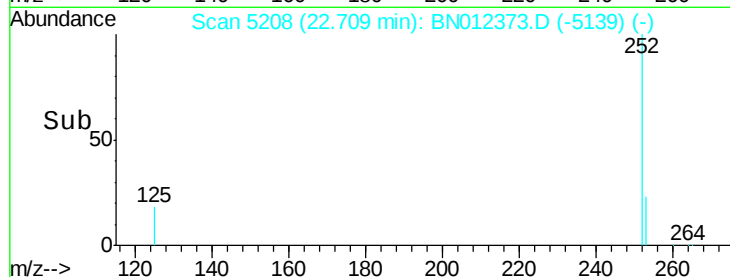
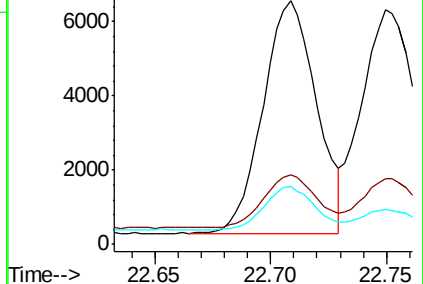
125 23.6 0.0 37.8



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: 0.377 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

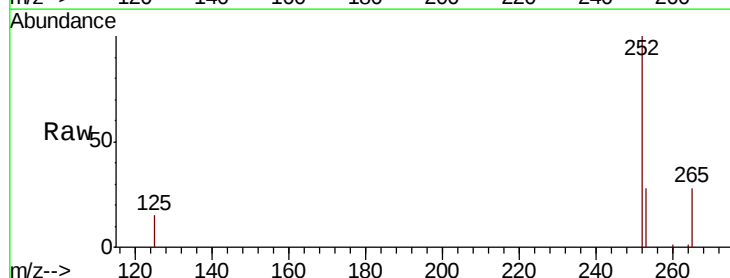
Tgt Ion:252 Resp: 10666

Ion Ratio Lower Upper

252 100

253 27.9 22.2 33.4

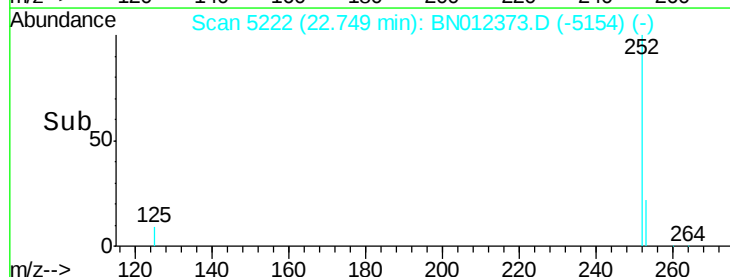
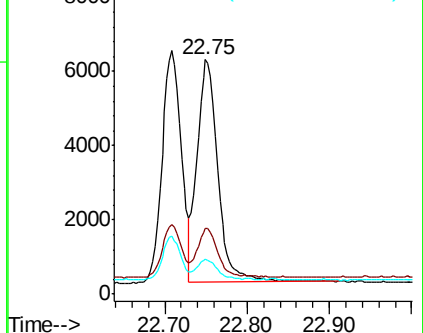
125 15.0 11.0 16.4

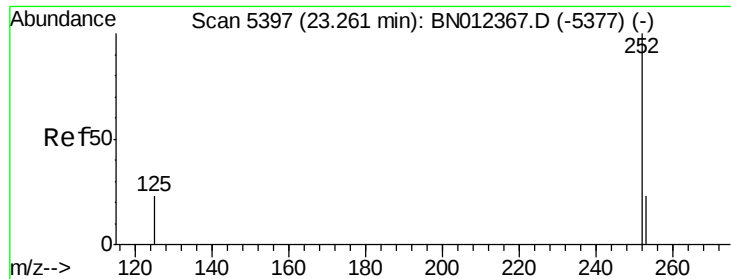


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

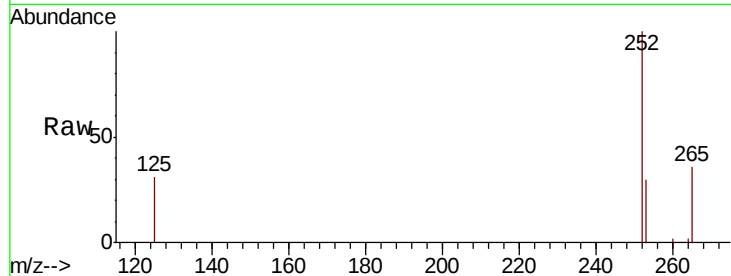
Tot Ion:252 Resp: 9710

Ion Ratio Lower Upper

252 100

253 30.1 23.8 35.6

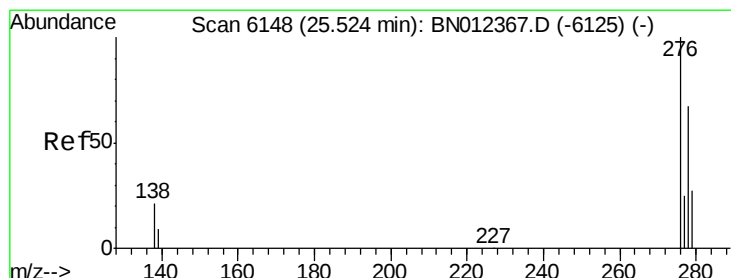
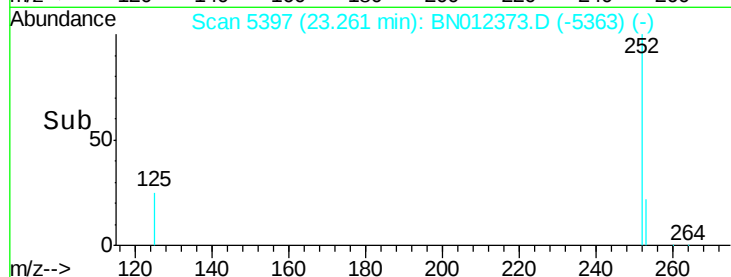
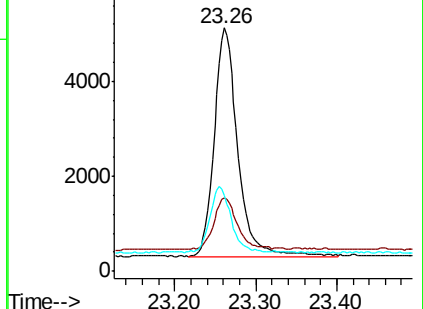
125 31.4 19.3 28.9#



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: 0.375 ng/ul

RT: 25.52 min Scan# 6148

Delta R.T. -0.00 min

Lab File: BN012373.D

Acq: 20 Oct 2020 04:49

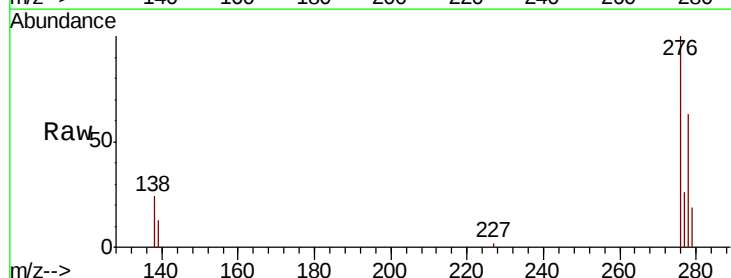
Tgt Ion:276 Resp: 11974

Ion Ratio Lower Upper

276 100

138 22.5 17.0 25.6

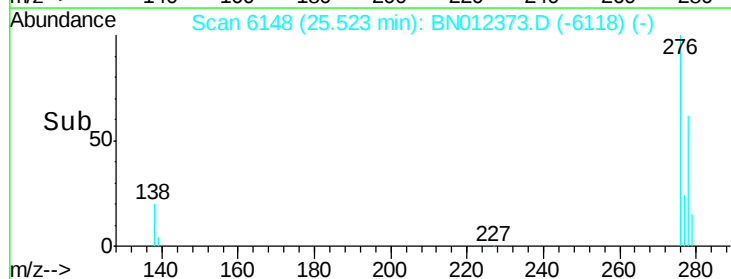
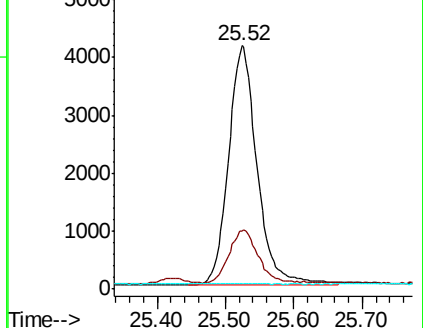
227 0.1 0.1 0.1

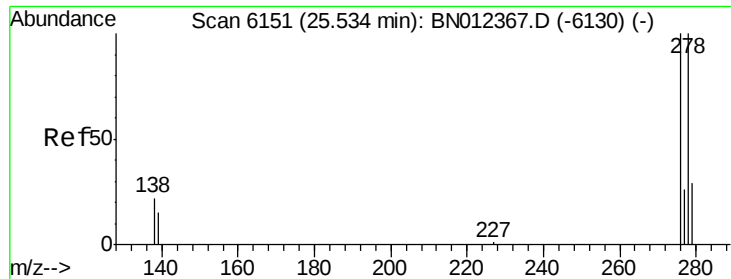


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

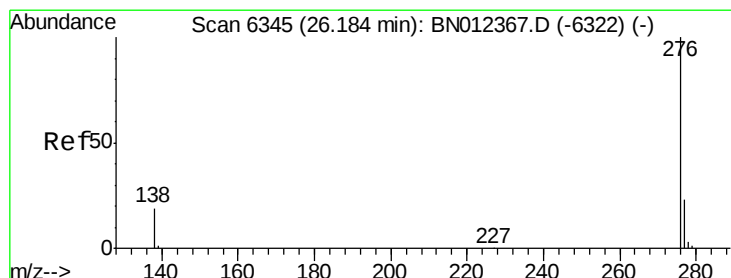
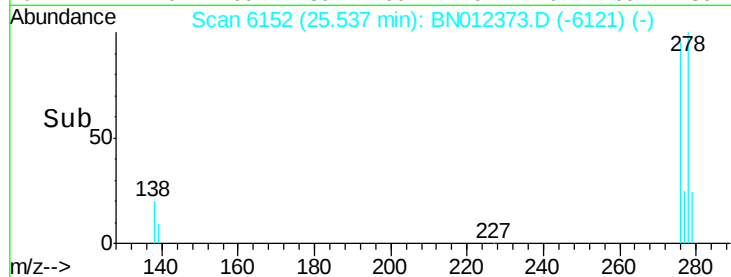
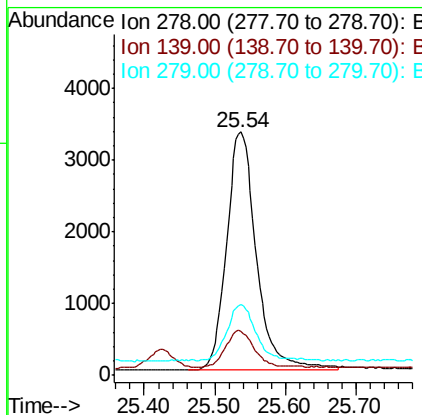
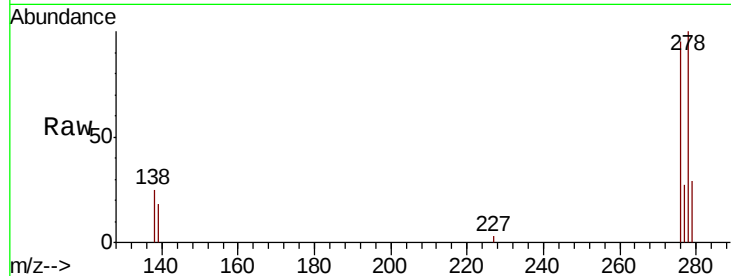




#25
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN012373.D
Acq: 20 Oct 2020 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.426

Tot Ion:278 Resp: 9712
Ion Ratio Lower Upper
278 100
139 18.2 13.8 20.8
279 29.2 23.8 35.8



#26
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. -0.00 min
Lab File: BN012373.D
Acq: 20 Oct 2020 04:49

Tgt Ion:276 Resp: 10503
Ion Ratio Lower Upper
276 100
138 21.6 16.6 24.8
277 25.5 20.7 31.1

