

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011751.D
 Acq On : 08 Sep 2020 23:44
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.498

Quant Time: Sep 09 06:37:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 06:29:50 2020
 Response via : Initial Calibration

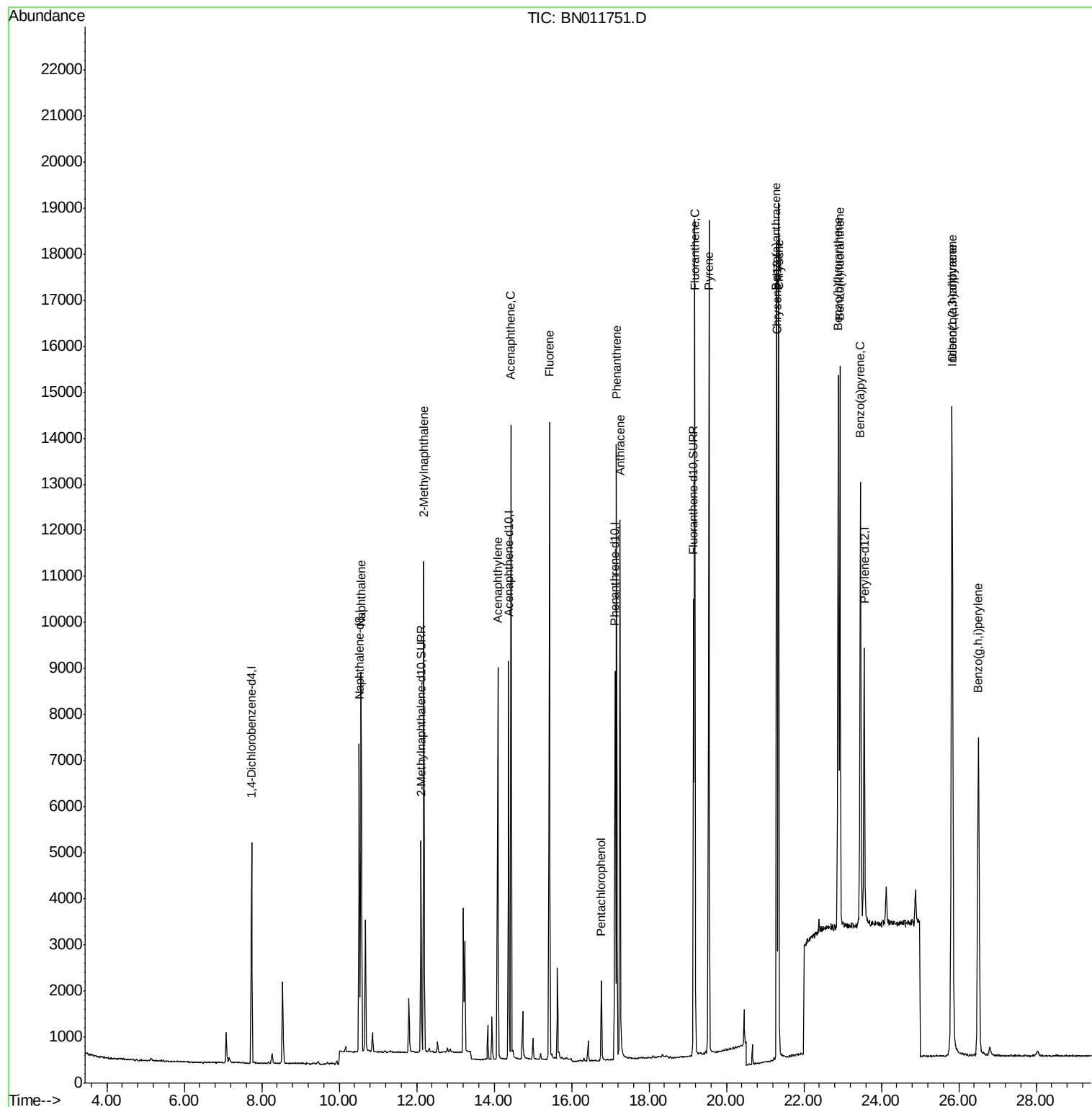
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2272	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8625	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4601	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9750	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8082	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7662	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5776	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11034	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	10943	0.429	ng/ul	99
5) 2-Methylnaphthalene	12.18	142	7232	0.425	ng/ul	100
7) Acenaphthylene	14.09	152	9490	0.428	ng/ul	100
8) Acenaphthene	14.44	153	7574	0.425	ng/ul	100
9) Fluorene	15.43	166	8668	0.421	ng/ul	98
11) Pentachlorophenol	16.77	266	1189	0.404	ng/ul	98
12) Phenanthrene	17.16	178	13888	0.424	ng/ul	98
13) Anthracene	17.25	178	12569	0.430	ng/ul	99
15) Fluoranthene	19.18	202	15620	0.429	ng/ul	99
17) Pyrene	19.54	202	15584	0.434	ng/ul	97
18) Benzo(a)anthracene	21.29	228	13886	0.442	ng/ul	100
19) Chrysene	21.35	228	14997	0.427	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	15070	0.420	ng/ul	98
22) Benzo(k)fluoranthene	22.92	252	15394	0.418	ng/ul	99
23) Benzo(a)pyrene	23.46	252	13464	0.434	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.82	276	17493	0.429	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	14130	0.425	ng/ul	98
26) Benzo(g,h,i)perylene	26.50	276	14624	0.411	ng/ul	98

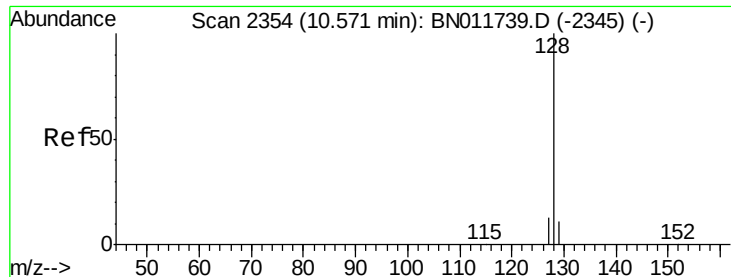
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN011751.D
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Quant Time: Sep 09 06:37:51 2020
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#3

Naphthalene

Concen: 0.429 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

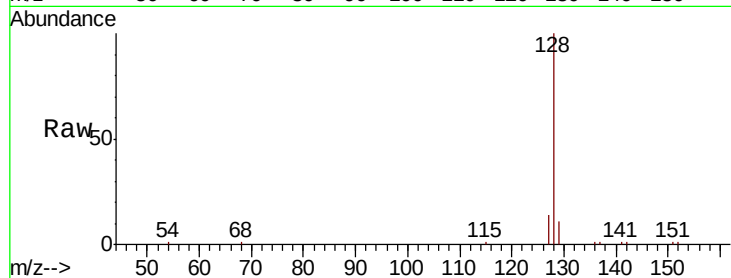
Tot Ion:128 Resp: 10943

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

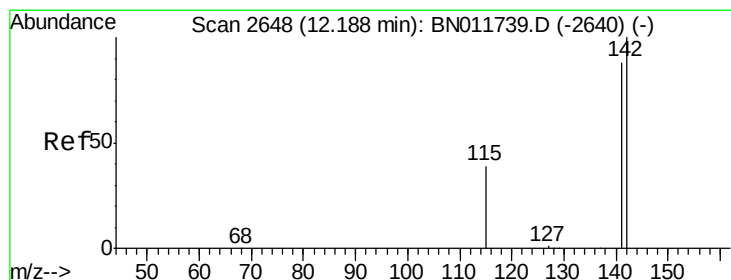
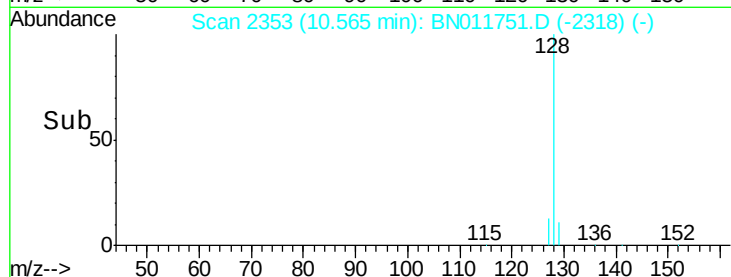
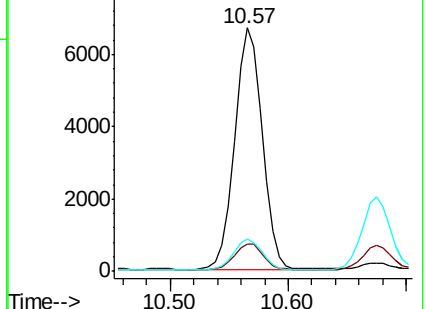
127 13.5 11.0 16.6



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: 0.425 ng/ul

RT: 12.18 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BN011751.D

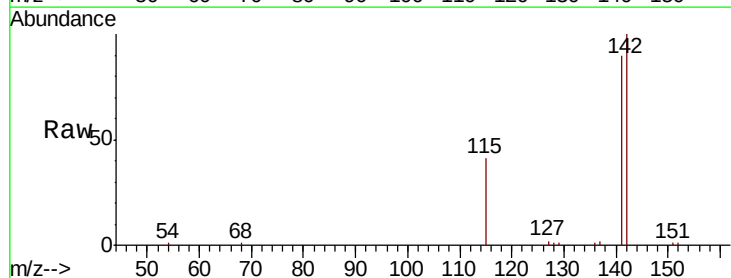
Acq: 08 Sep 2020 23:44

Tgt Ion:142 Resp: 7232

Ion Ratio Lower Upper

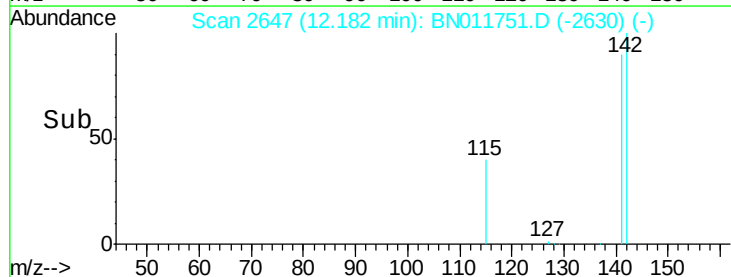
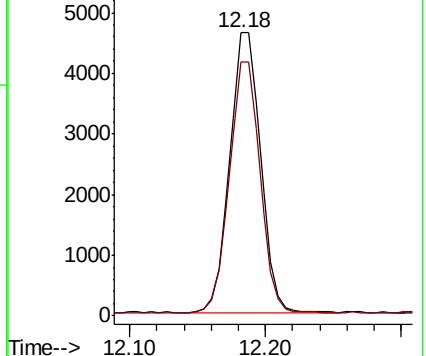
142 100

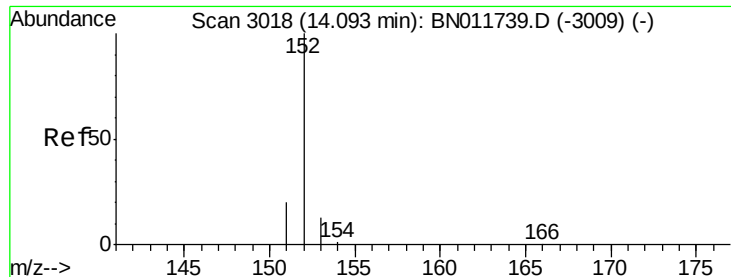
141 89.0 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.428 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

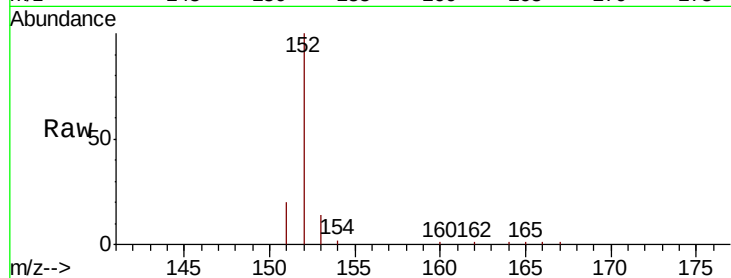
Tot Ion:152 Resp: 9490

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.1 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

8000

6000

4000

2000

0

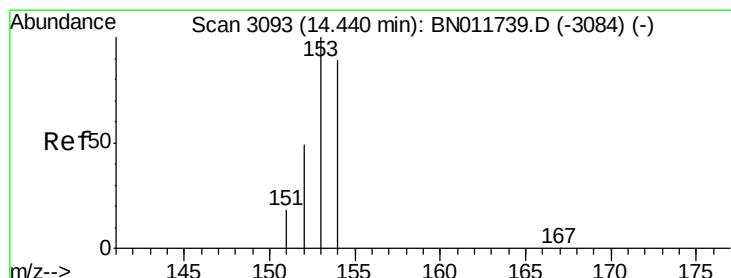
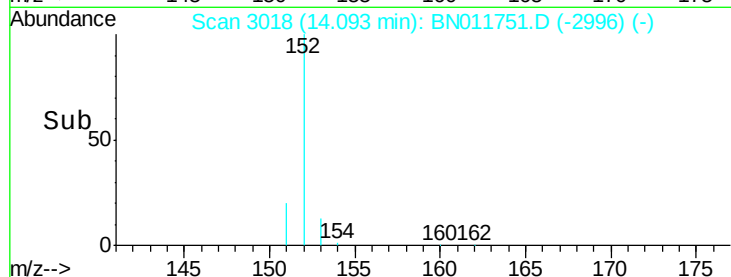
14.09

14.00

14.10

14.20

Time-->



#8

Acenaphthene

Concen: 0.425 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

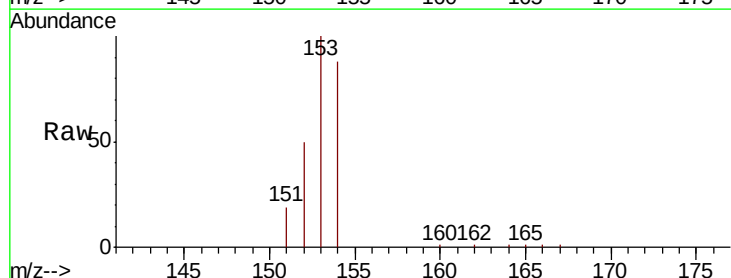
Tgt Ion:153 Resp: 7574

Ion Ratio Lower Upper

153 100

152 50.3 40.3 60.5

154 87.8 70.1 105.1



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

6000

4000

2000

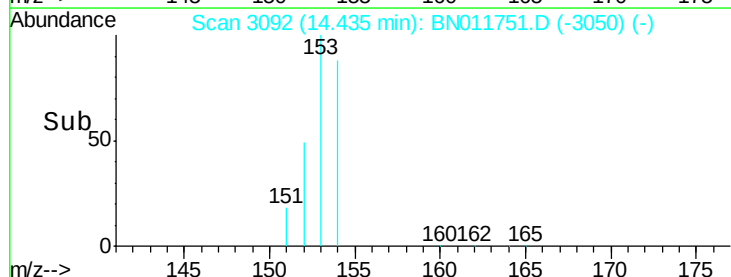
0

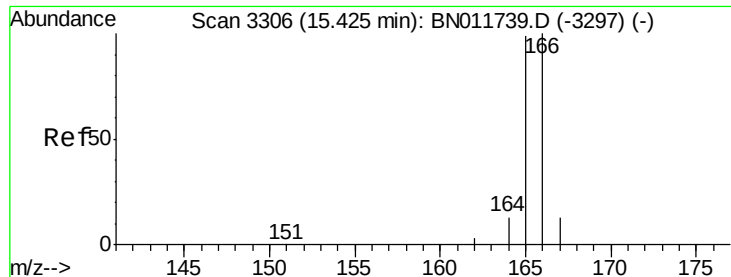
14.44

14.40

14.50

Time-->

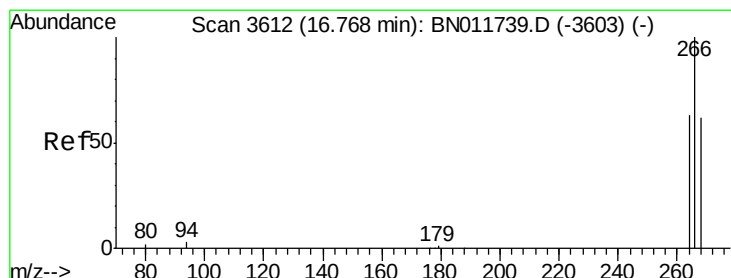
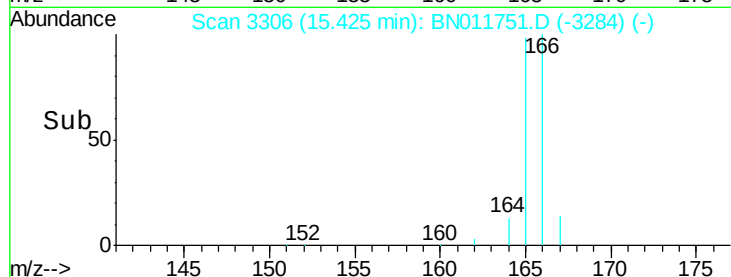
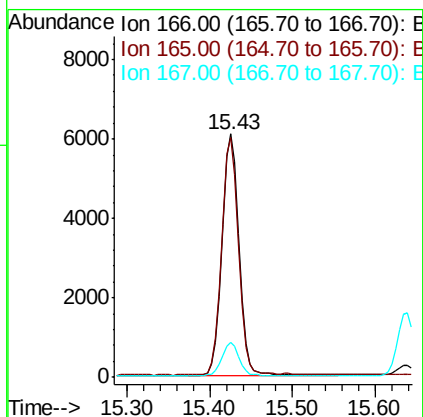
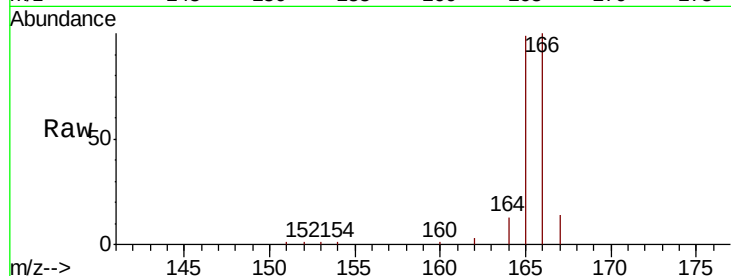




#9
Fluorene
 Concen: 0.421 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BN011751.D
 Acq: 08 Sep 2020 23:44

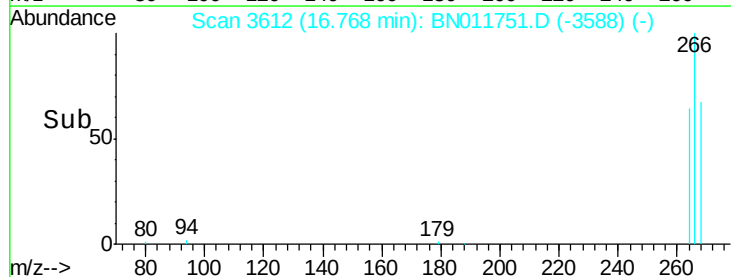
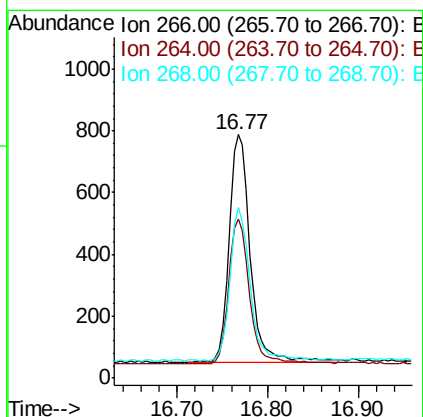
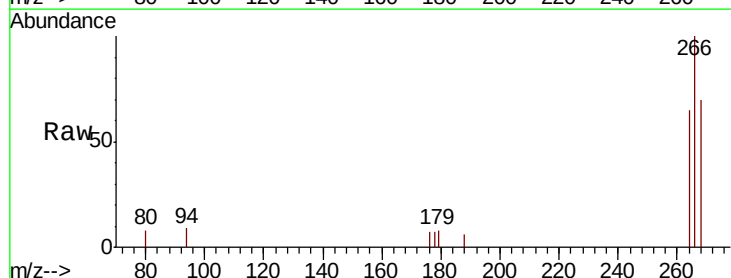
Instrument :
 BNA_N
 ClientSampleId :
 SST00.498

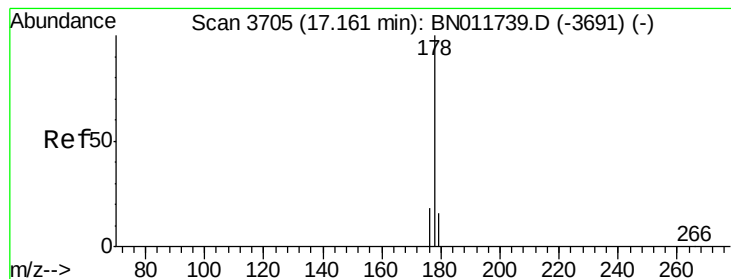
Tot Ion:166 Resp: 8668
 Ion Ratio Lower Upper
 166 100
 165 98.6 80.2 120.2
 167 14.2 11.8 17.6



#11
Pentachlorophenol
 Concen: 0.404 ng/ul
 RT: 16.77 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: BN011751.D
 Acq: 08 Sep 2020 23:44

Tgt Ion:266 Resp: 1189
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.3 73.9
 268 64.5 50.5 75.7





#12

Phenanthrene

Concen: 0.424 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

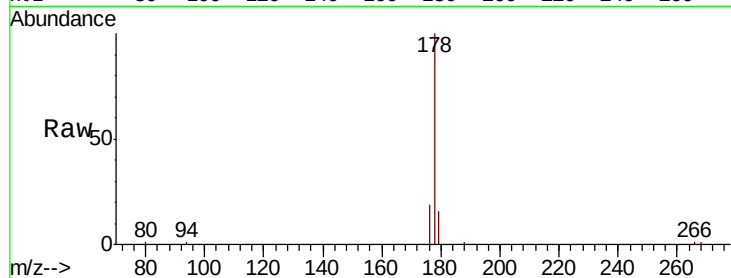
Tot Ion:178 Resp: 13888

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

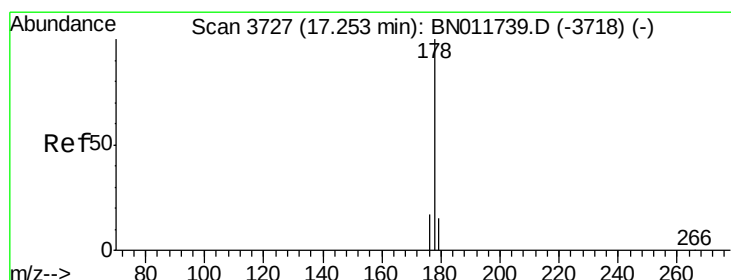
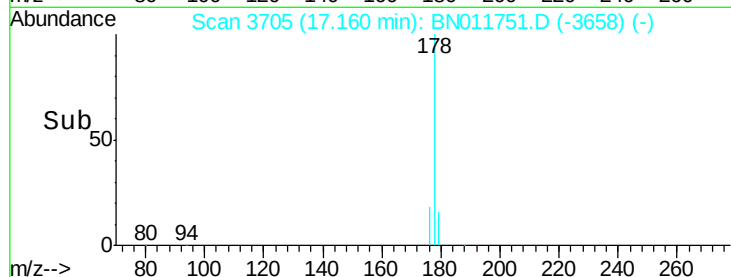
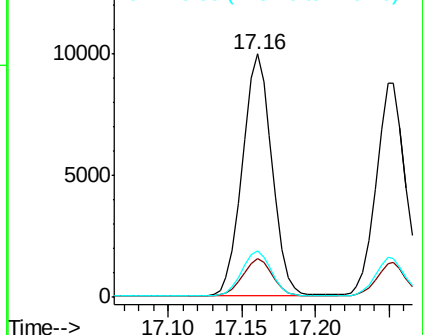
176 18.9 16.0 24.0



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: 0.430 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

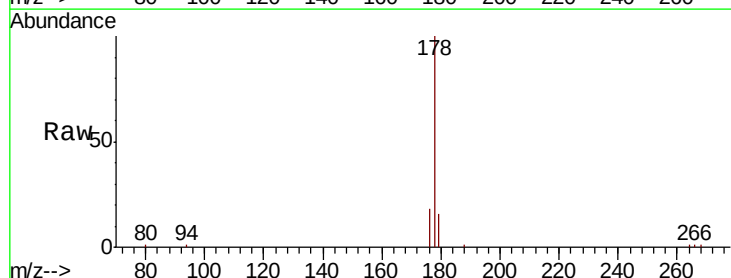
Tgt Ion:178 Resp: 12569

Ion Ratio Lower Upper

178 100

179 16.4 12.7 19.1

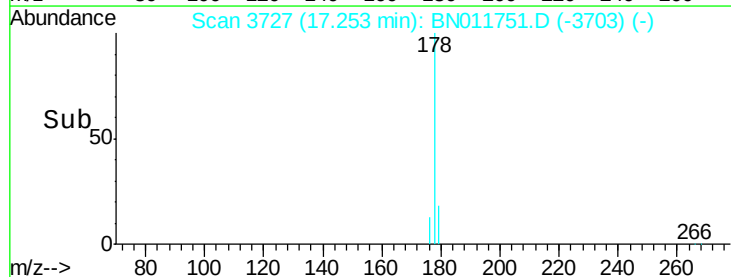
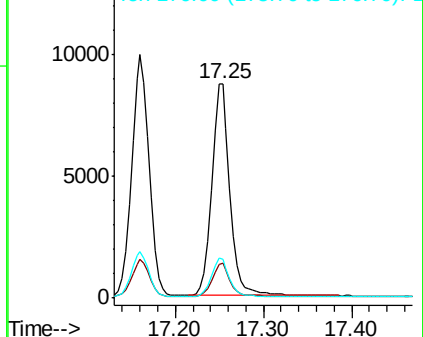
176 18.3 14.8 22.2

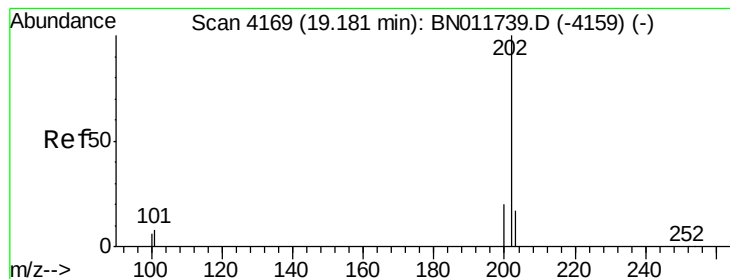


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.429 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

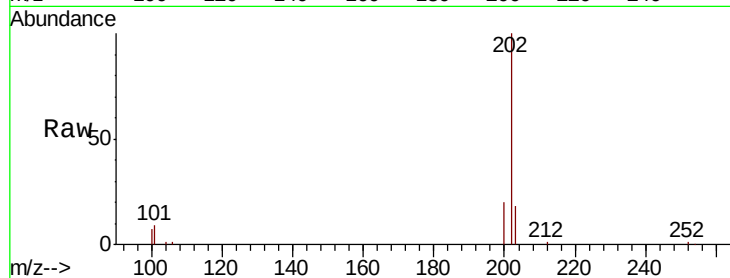
Tot Ion:202 Resp: 15620

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.1

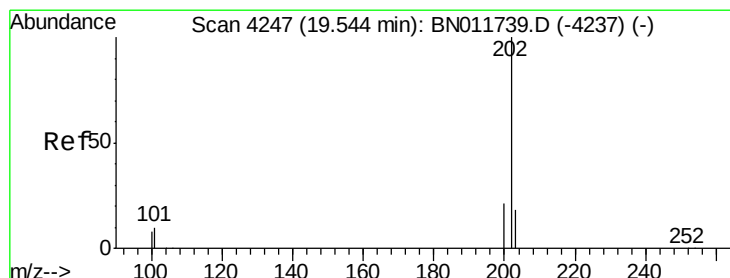
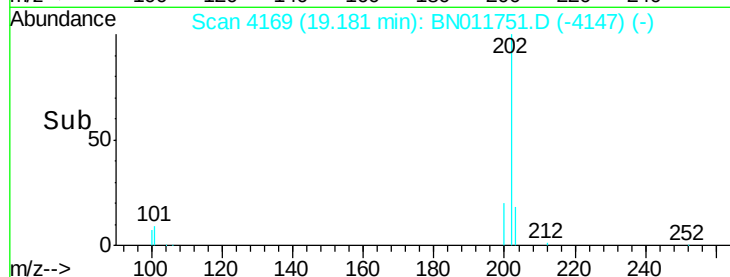
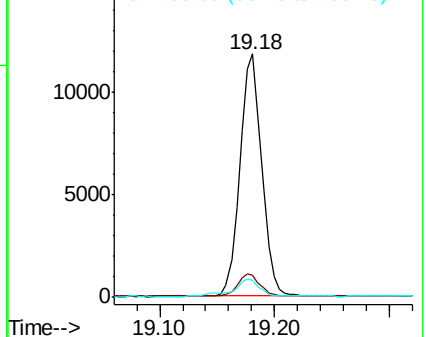
100 7.0 0.0 27.4



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: 0.434 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

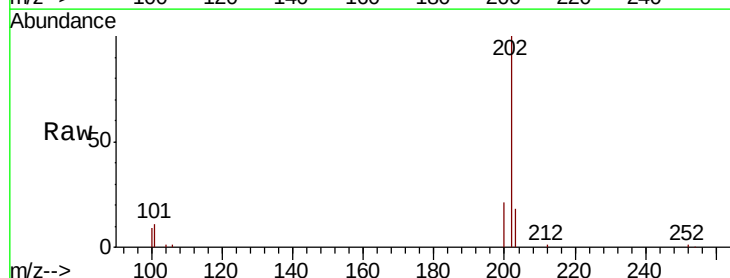
Tgt Ion:202 Resp: 15584

Ion Ratio Lower Upper

202 100

101 11.2 8.0 12.0

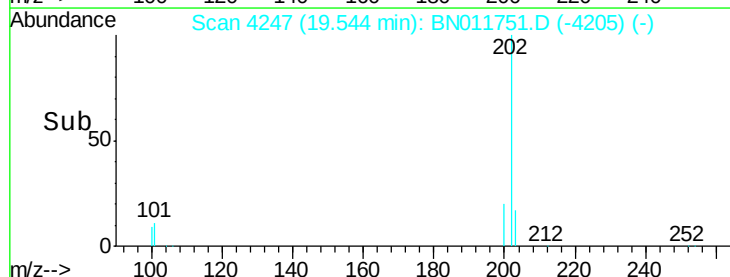
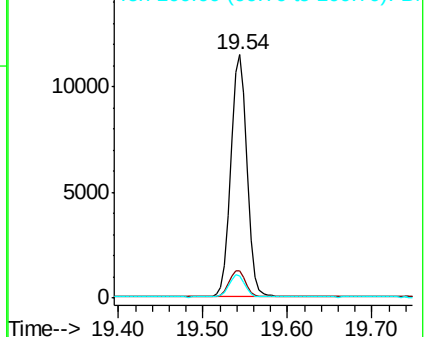
100 9.2 6.5 9.7

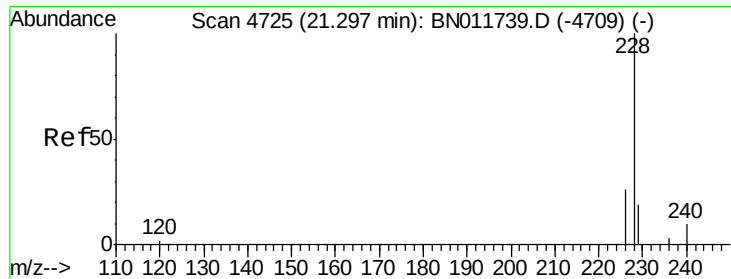


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.442 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

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SSTD0.498

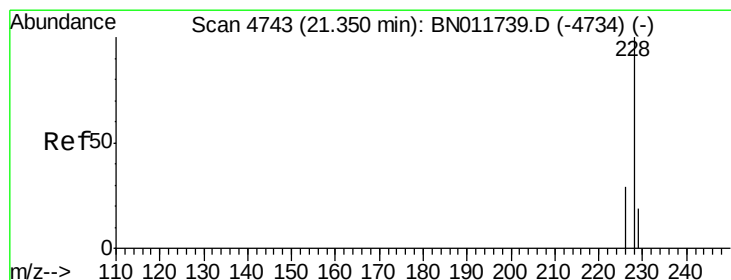
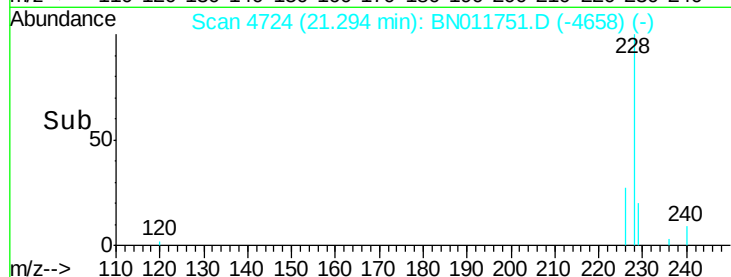
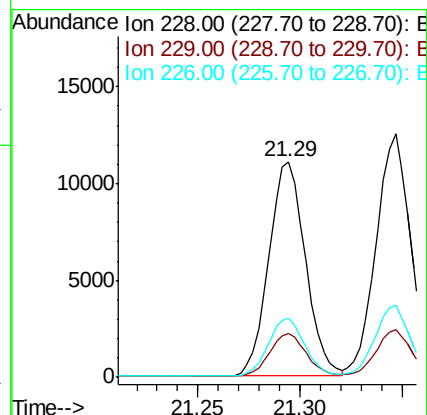
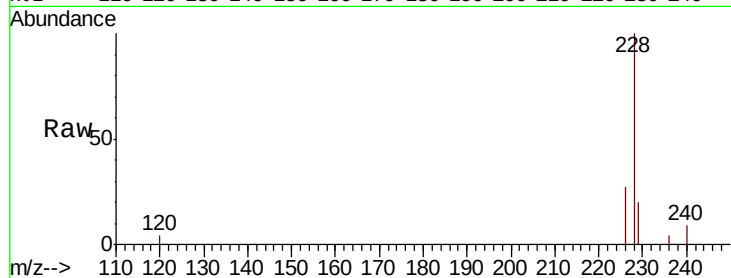
Tot Ion:228 Resp: 13886

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 27.3 21.9 32.9



#19

Chrysene

Concen: 0.427 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

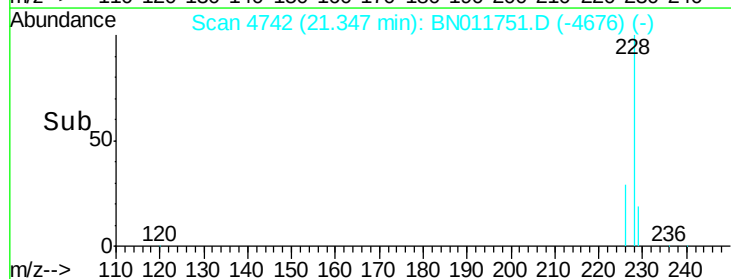
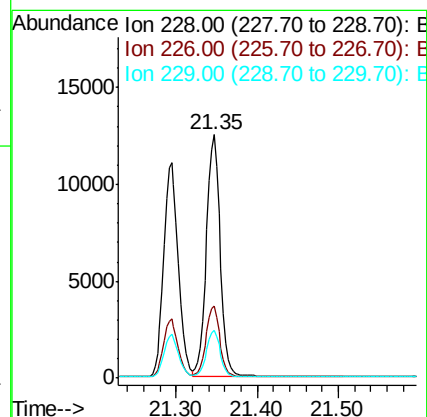
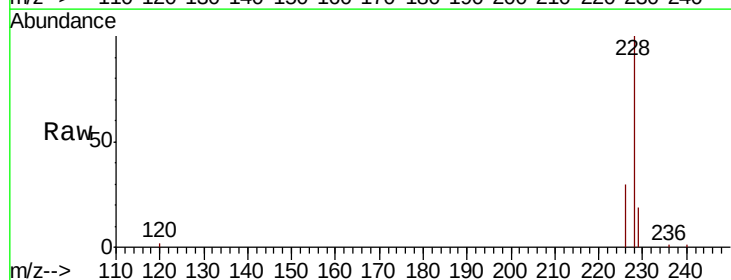
Tgt Ion:228 Resp: 14997

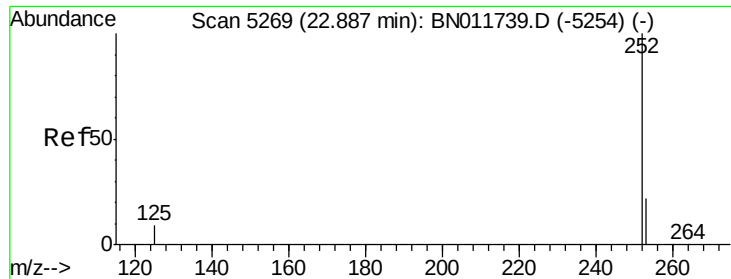
Ion Ratio Lower Upper

228 100

226 29.5 24.6 37.0

229 19.4 15.9 23.9





#21

Benzo(b)fluoranthene

Concen: 0.420 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

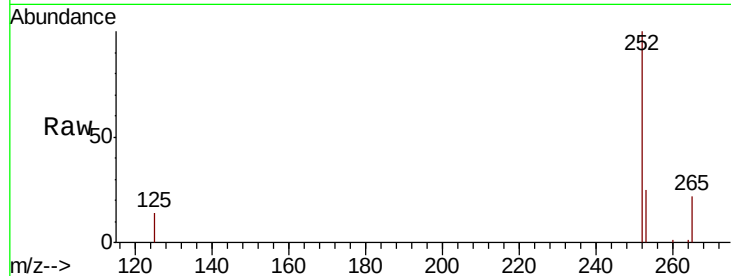
Tot Ion:252 Resp: 15070

Ion Ratio Lower Upper

252 100

253 24.9 0.0 50.6

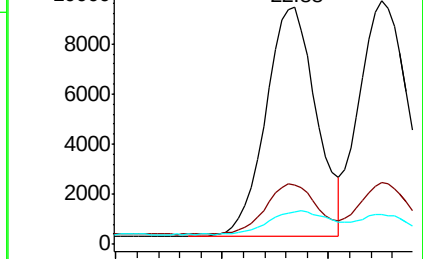
125 13.8 0.0 23.6



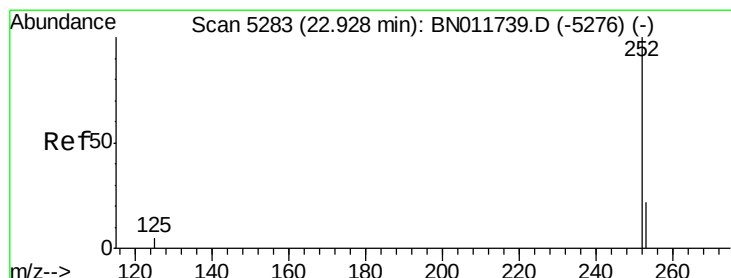
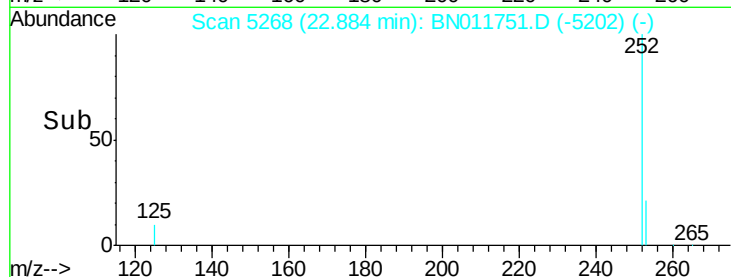
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.80 22.85 22.90



#22

Benzo(k)fluoranthene

Concen: 0.418 ng/ul

RT: 22.92 min Scan# 5282

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

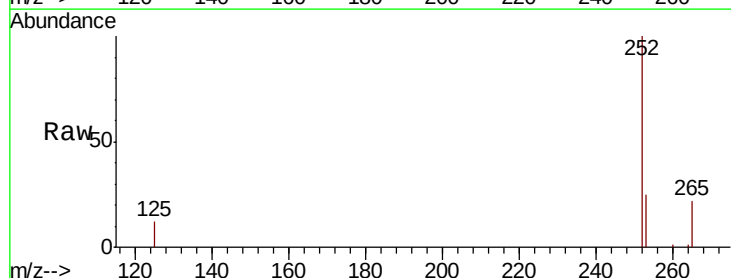
Tgt Ion:252 Resp: 15394

Ion Ratio Lower Upper

252 100

253 25.2 20.7 31.1

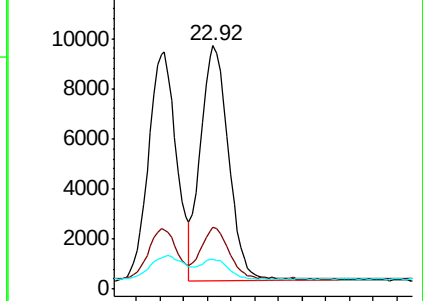
125 12.1 9.7 14.5



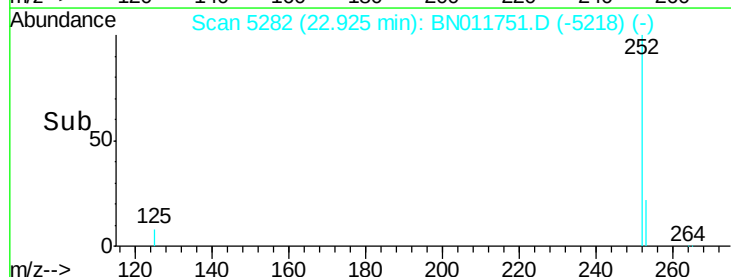
Abundance Ion 252.00 (251.70 to 252.70): E

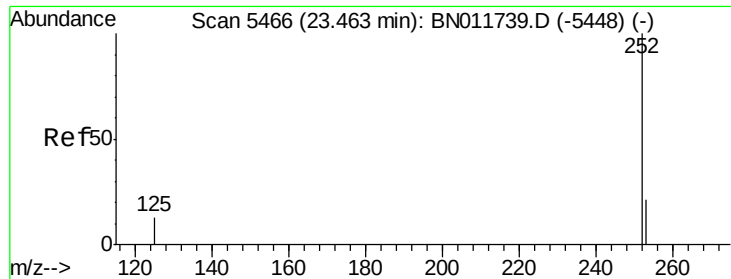
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.90 23.00





#23

Benzo(a)pyrene

Concen: 0.434 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

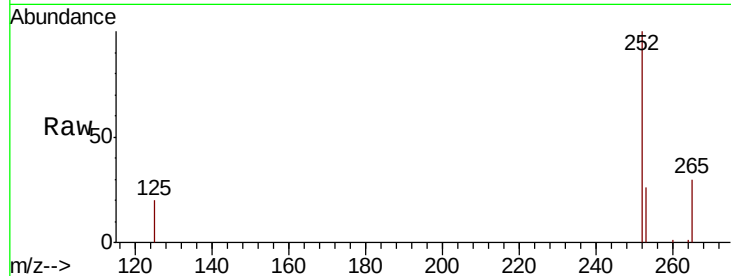
Tot Ion:252 Resp: 13464

Ion Ratio Lower Upper

252 100

253 26.3 21.6 32.4

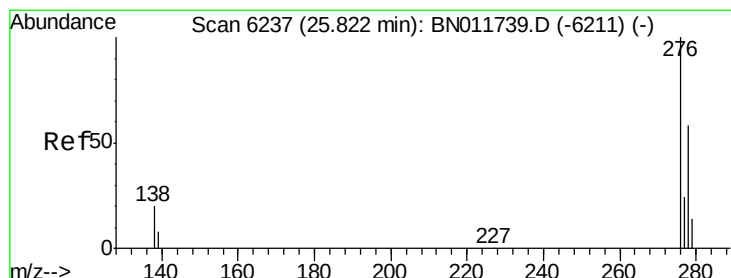
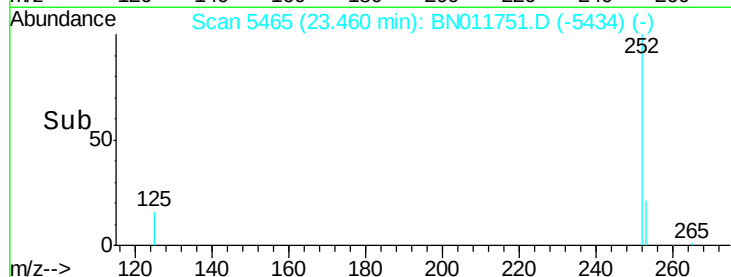
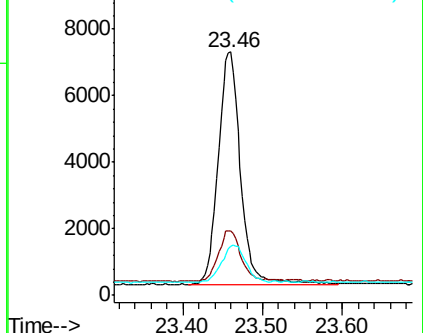
125 20.3 12.6 18.8#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng/ul

RT: 25.82 min Scan# 6235

Delta R.T. -0.01 min

Lab File: BN011751.D

Acq: 08 Sep 2020 23:44

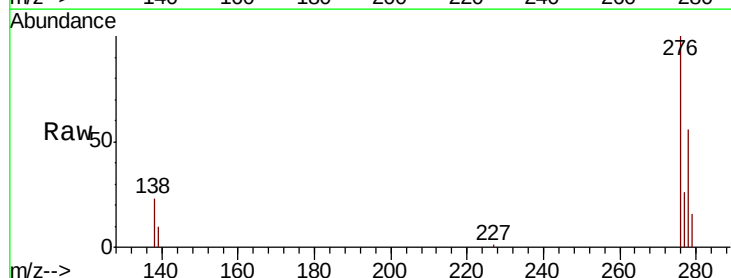
Tgt Ion:276 Resp: 17493

Ion Ratio Lower Upper

276 100

138 22.0 0.0 0.0#

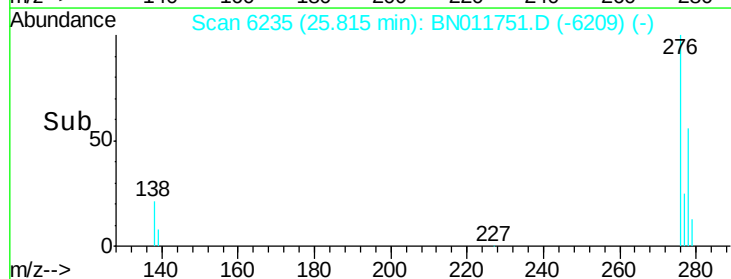
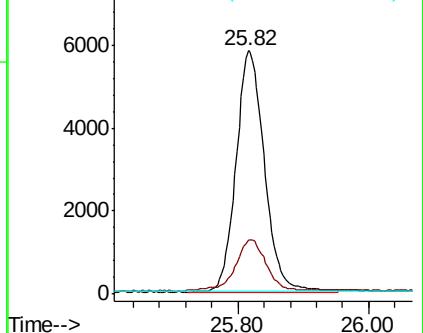
227 0.2 0.1 0.1#

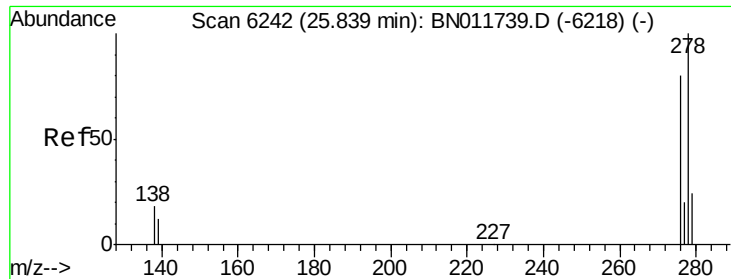


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

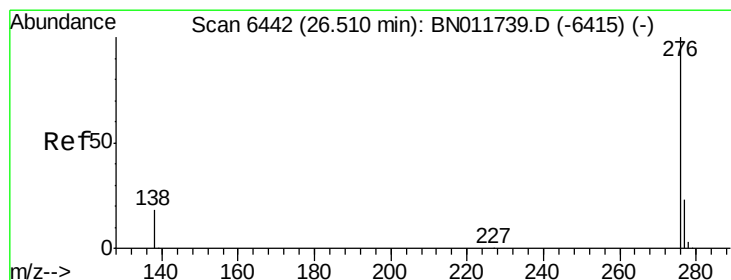
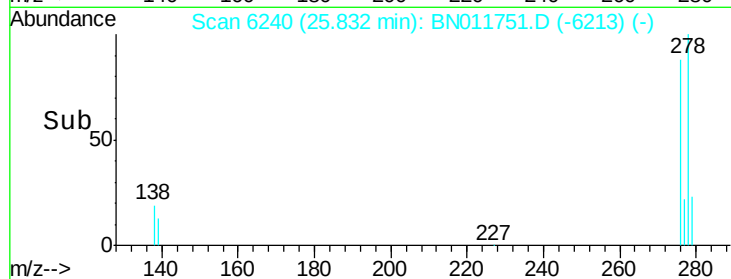
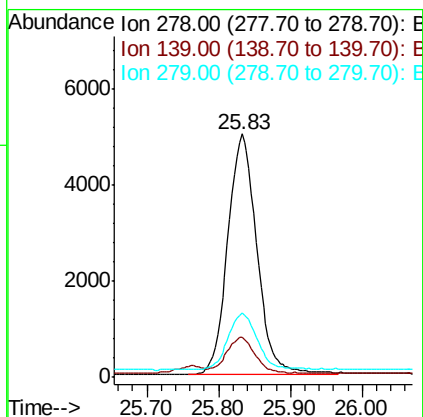
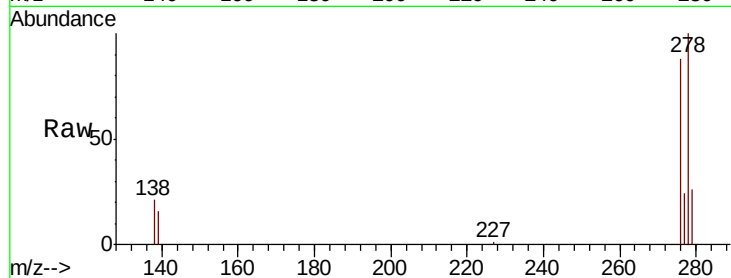




#25
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.01 min
Lab File: BN011751.D
Acq: 08 Sep 2020 23:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.498

Tot Ion:278 Resp: 14130
Ion Ratio Lower Upper
278 100
139 16.3 12.4 18.6
279 26.3 21.8 32.6



#26
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.50 min Scan# 6440
Delta R.T. -0.01 min
Lab File: BN011751.D
Acq: 08 Sep 2020 23:44

Tgt Ion:276 Resp: 14624
Ion Ratio Lower Upper
276 100
138 19.6 14.7 22.1
277 25.5 19.5 29.3

