

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011746.D
 Acq On : 08 Sep 2020 20:43
 Operator : CG/JU
 Sample : L3840-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6

Quant Time: Sep 09 06:37:08 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

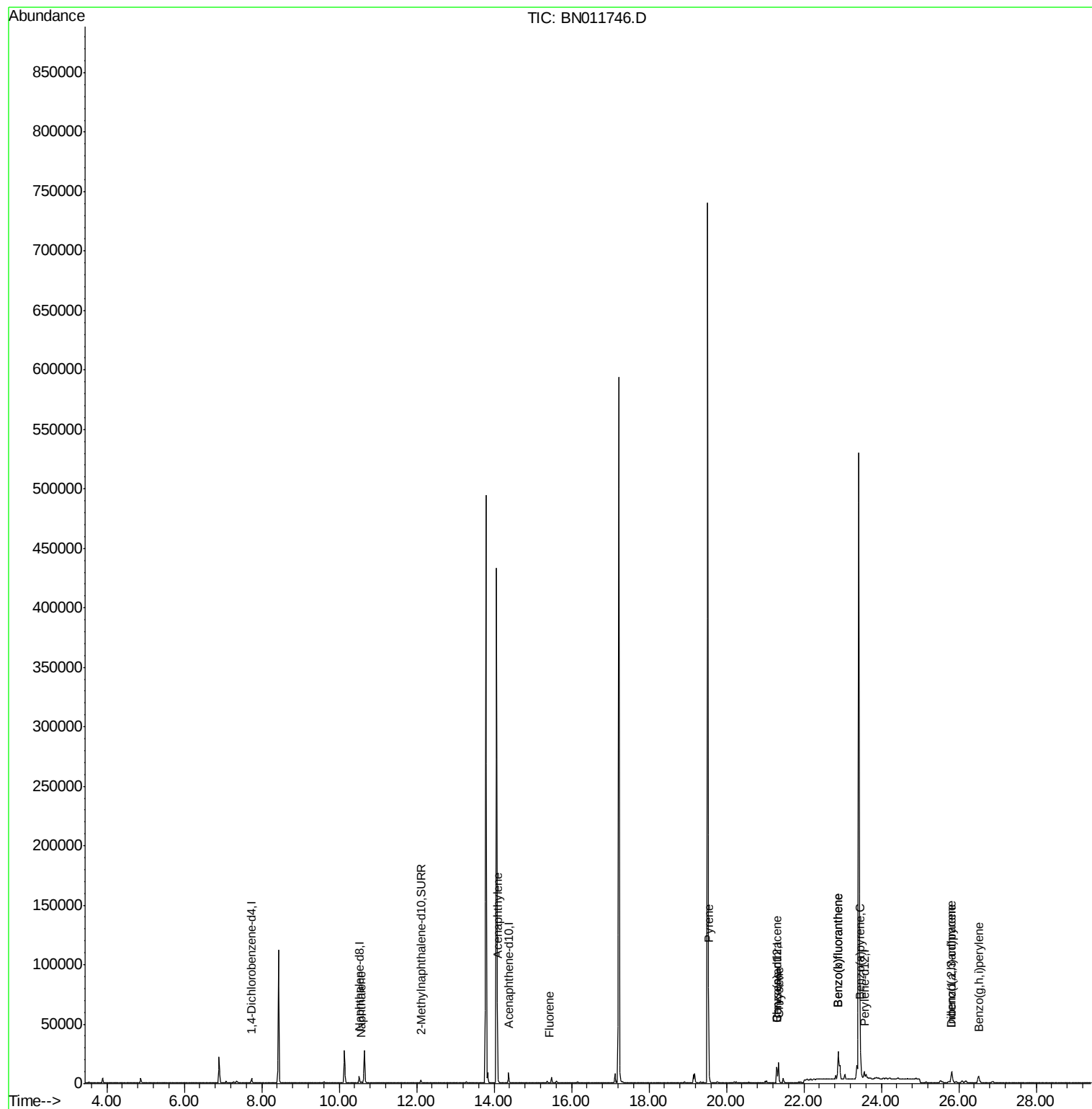
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4380	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	7764	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7801	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3250	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7788	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.57	128	1215	0.054	ng/ul#	87
7) Acenaphthylene	14.09	152	3168	0.150	ng/ul	97
9) Fluorene	15.43	166	402	0.021	ng/ul#	93
17) Pyrene	19.54	202	14240	0.413	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	9345	0.310	ng/ul	95
19) Chrysene	21.35	228	16145	0.479	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	50824	1.390	ng/ul	99
22) Benzo(k)fluoranthene	22.88	252	50824	1.355	ng/ul	98
23) Benzo(a)pyrene	23.46	252	22833	0.723	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	14027	0.338	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	4206	0.124	ng/ul#	83
26) Benzo(g,h,i)perylene	26.51	276	11996	0.331	ng/ul	96

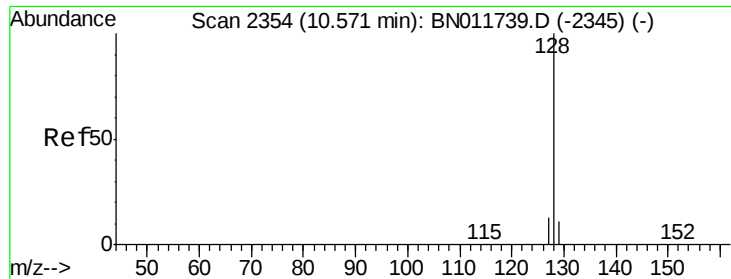
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 09 06:29:50 2020
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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

ClientSampled :

C0AA6

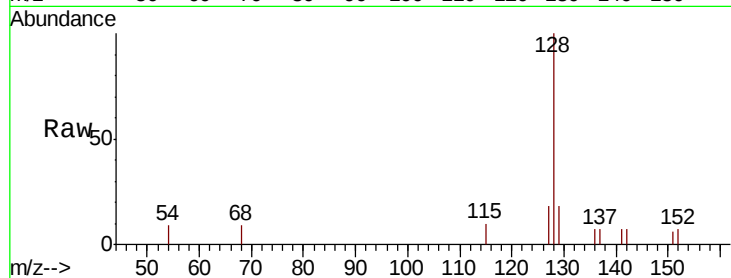
Tot Ion:128 Resp: 1215

Ion Ratio Lower Upper

128 100

129 17.8 9.8 14.6#

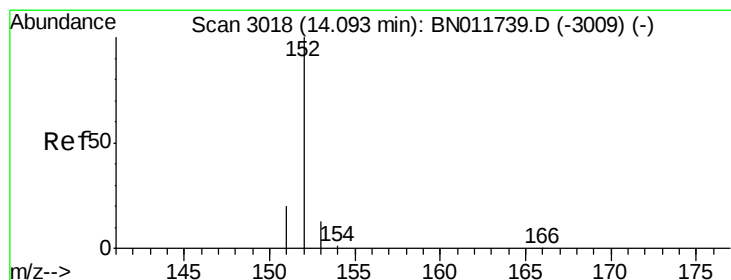
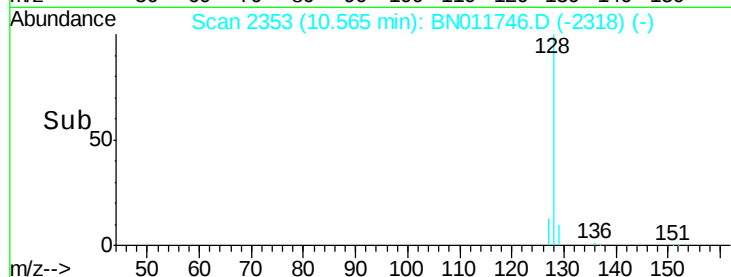
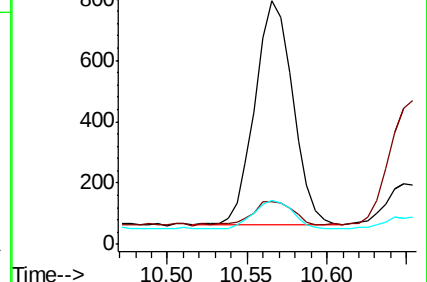
127 18.3 11.0 16.6#



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



#7

Acenaphthylene

Concen: 0.150 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

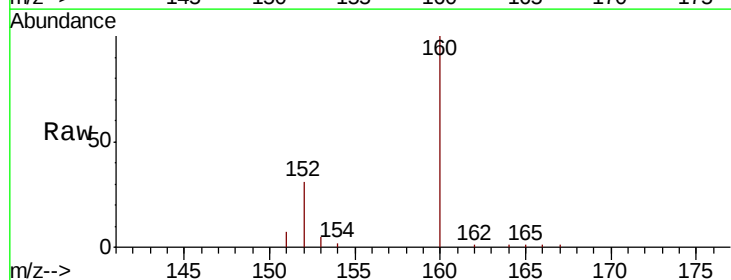
Tgt Ion:152 Resp: 3168

Ion Ratio Lower Upper

152 100

151 21.9 16.2 24.4

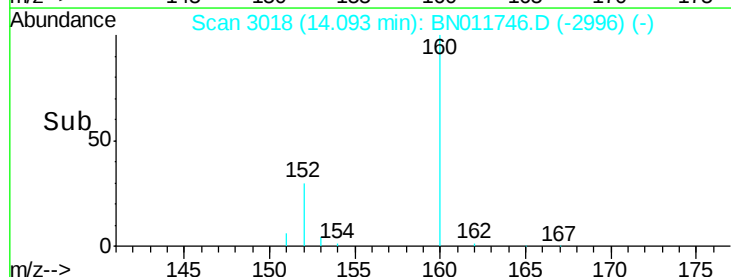
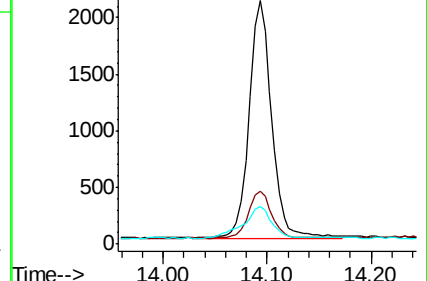
153 15.3 11.4 17.0

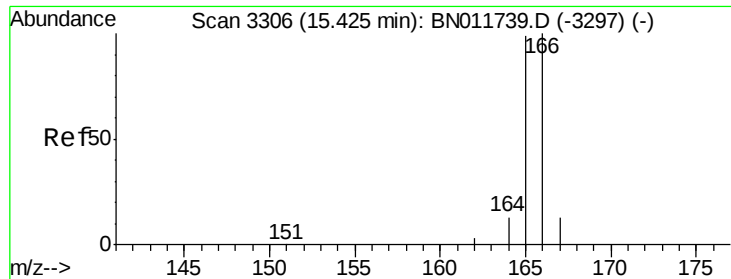


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

ClientSampleId :

C0AA6

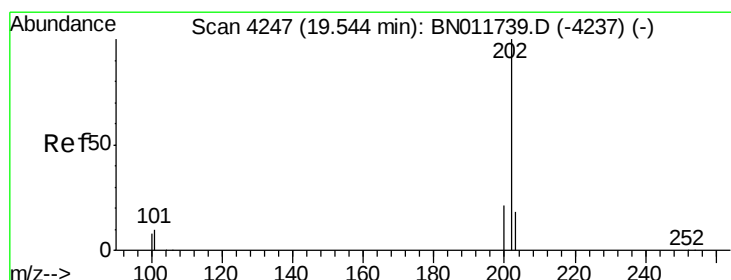
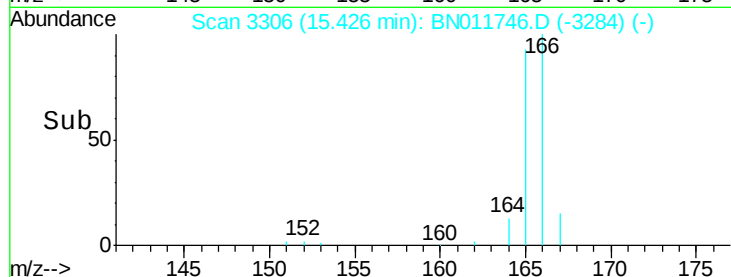
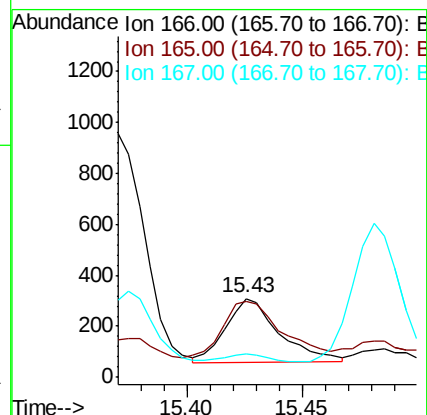
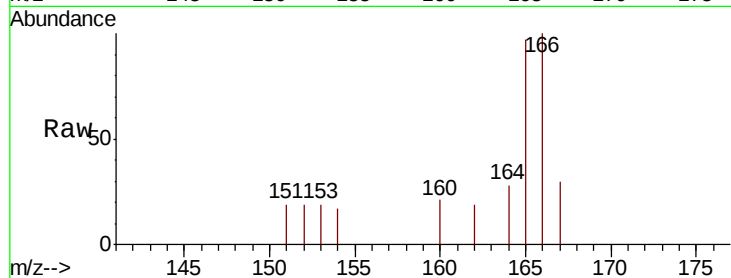
Tot Ion:166 Resp: 402

Ion Ratio Lower Upper

166 100

165 97.4 80.2 120.2

167 30.2 11.8 17.6#



#17

Pyrene

Concen: 0.413 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

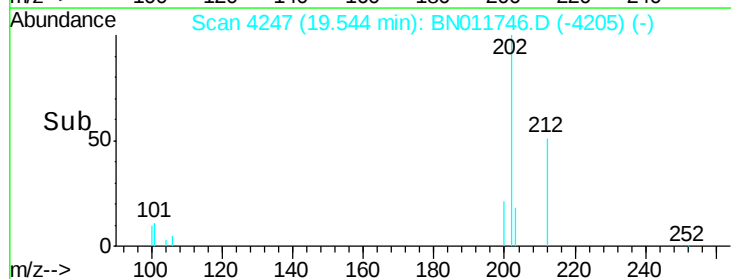
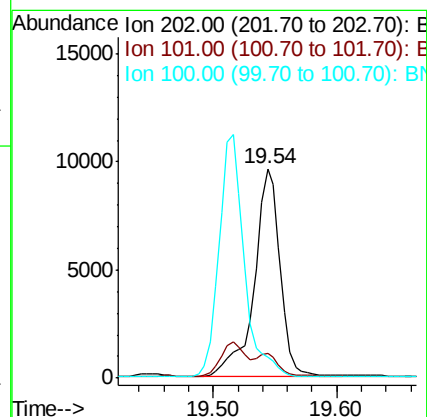
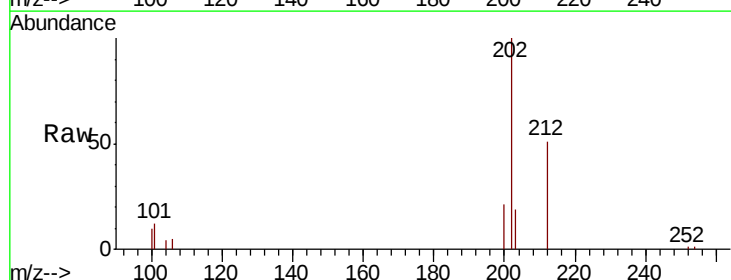
Tgt Ion:202 Resp: 14240

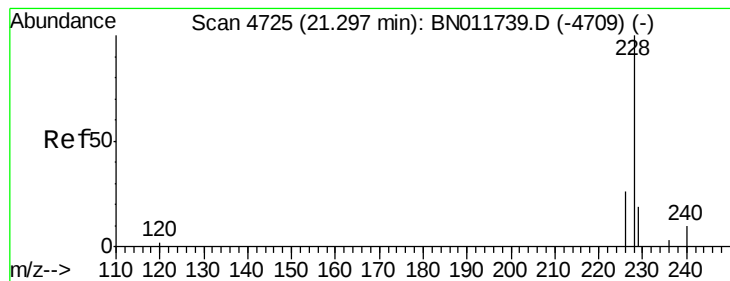
Ion Ratio Lower Upper

202 100

101 11.9 8.0 12.0

100 10.1 6.5 9.7#





#18

Benzo(a)anthracene

Concen: 0.310 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

ClientSampleId :

C0AA6

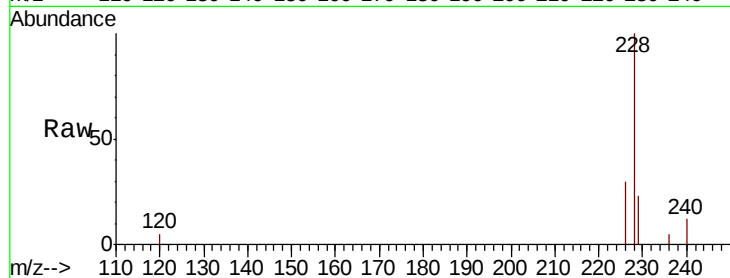
Tot Ion:228 Resp: 9345

Ion Ratio Lower Upper

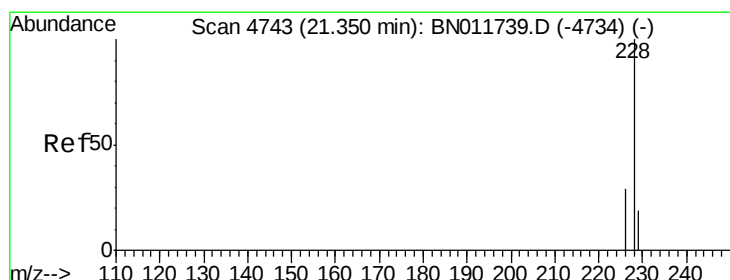
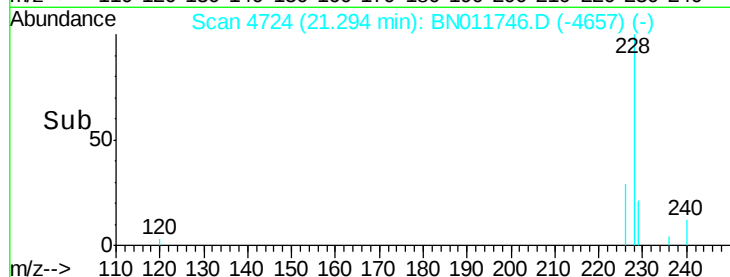
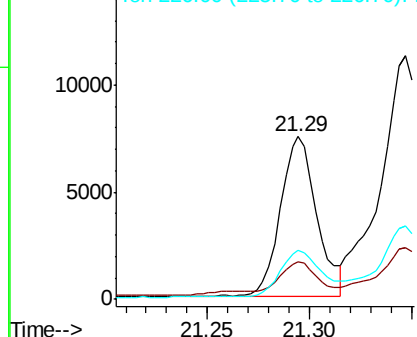
228 100

229 22.8 15.9 23.9

226 29.7 21.9 32.9



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: 0.479 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

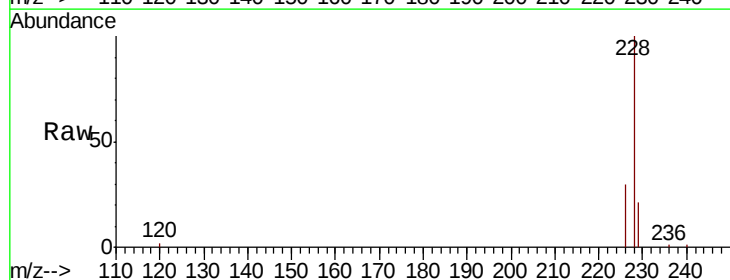
Tgt Ion:228 Resp: 16145

Ion Ratio Lower Upper

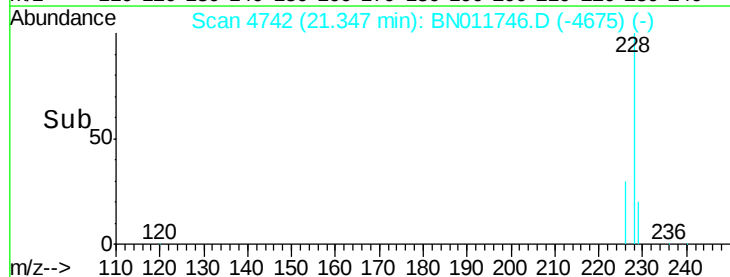
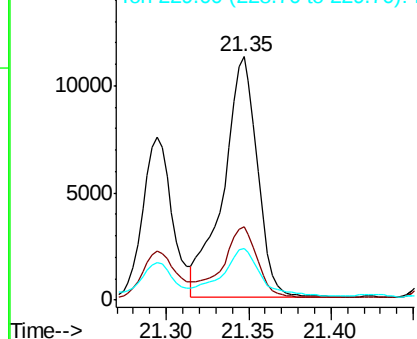
228 100

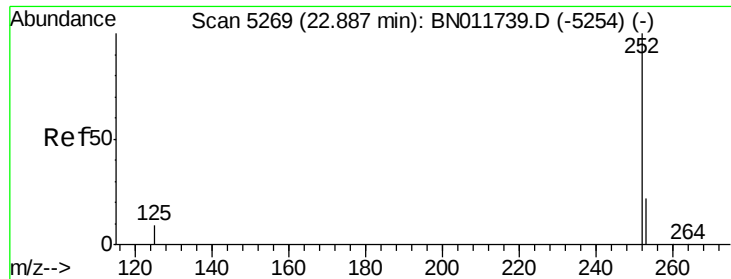
226 30.3 24.6 37.0

229 21.4 15.9 23.9



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: 1.390 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

ClientSampled :

C0AA6

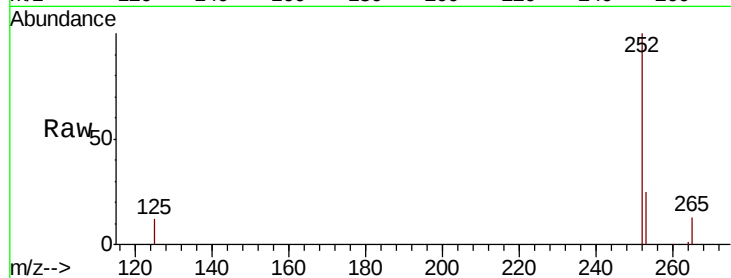
Tot Ion:252 Resp: 50824

Ion Ratio Lower Upper

252 100

253 24.7 0.0 50.6

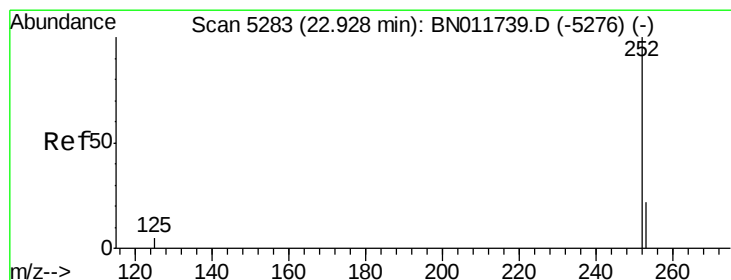
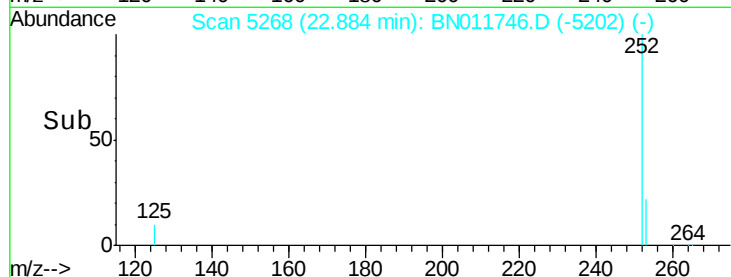
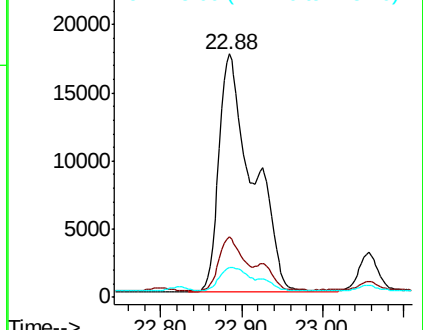
125 12.2 0.0 23.6



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



#22

Benzo(k)fluoranthene

Concen: 1.355 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.05 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

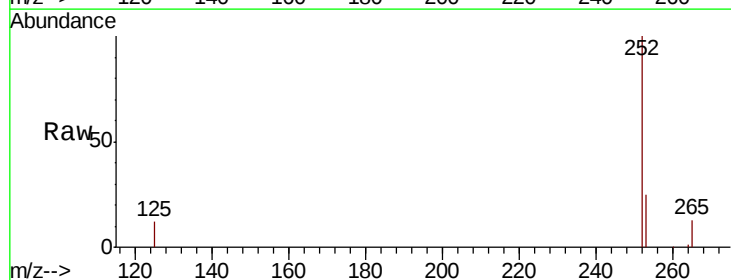
Tgt Ion:252 Resp: 50824

Ion Ratio Lower Upper

252 100

253 24.7 20.7 31.1

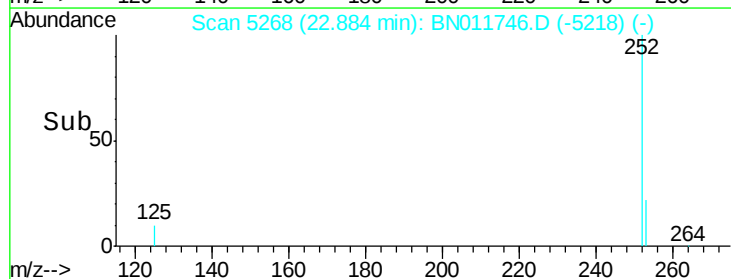
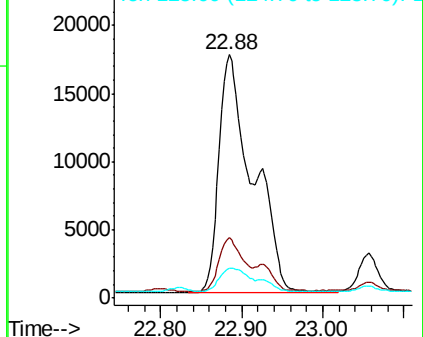
125 12.2 9.7 14.5

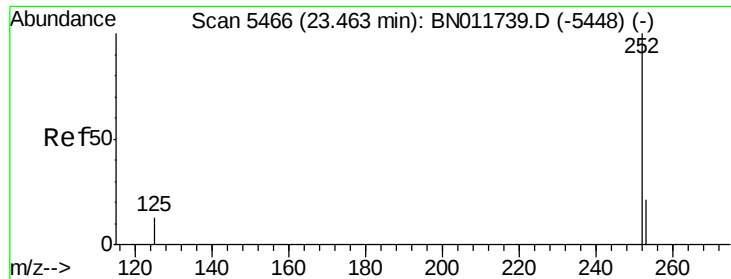


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.723 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

ClientSampleId :

C0AA6

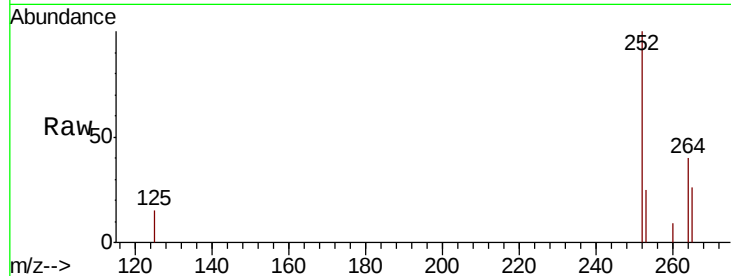
Tot Ion:252 Resp: 22833

Ion Ratio Lower Upper

252 100

253 25.1 21.6 32.4

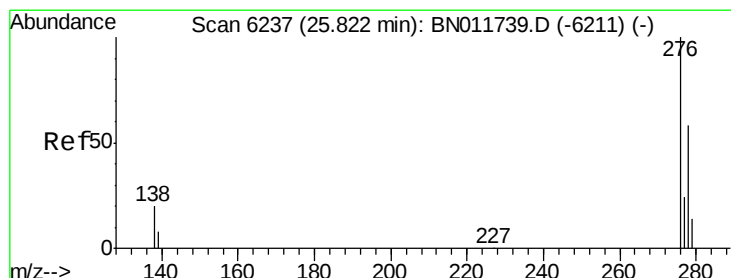
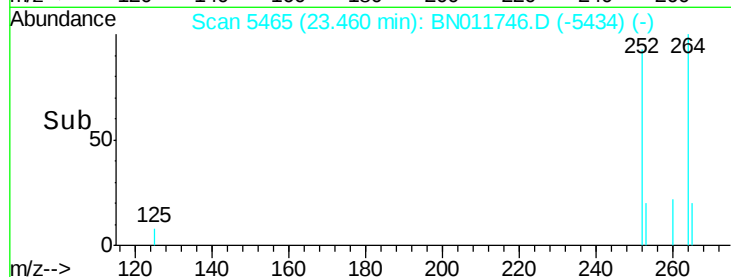
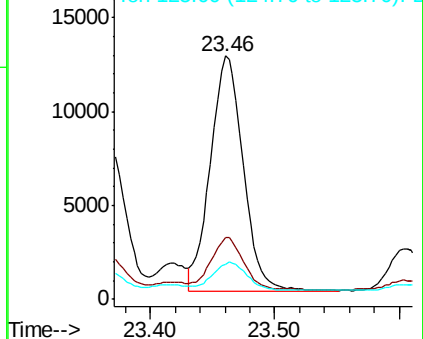
125 14.6 12.6 18.8



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: 0.338 ng/ul

RT: 25.82 min Scan# 6235

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

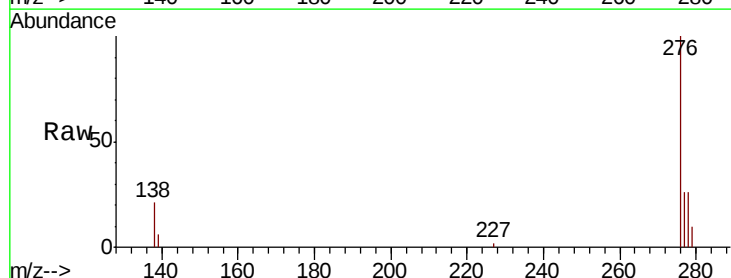
Tgt Ion:276 Resp: 14027

Ion Ratio Lower Upper

276 100

138 19.4 0.0 0.0#

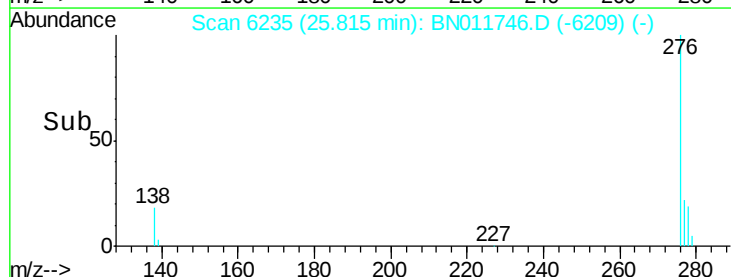
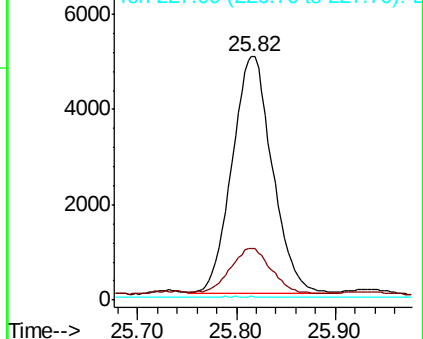
227 0.2 0.1 0.1#

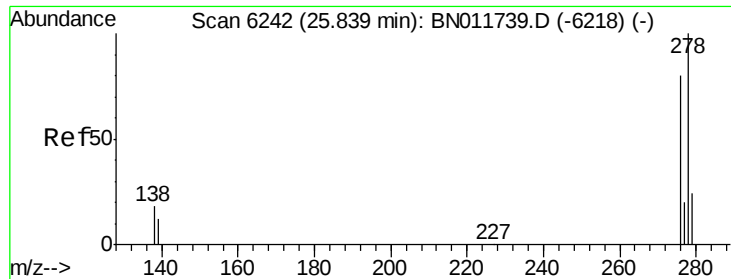


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

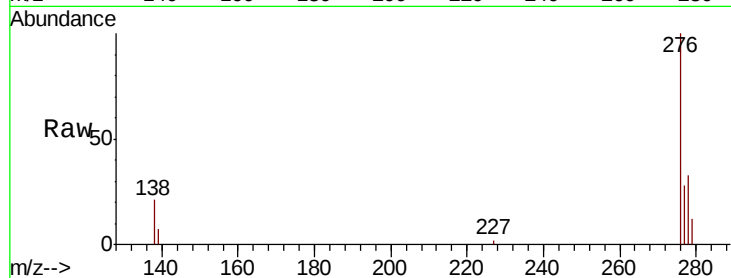




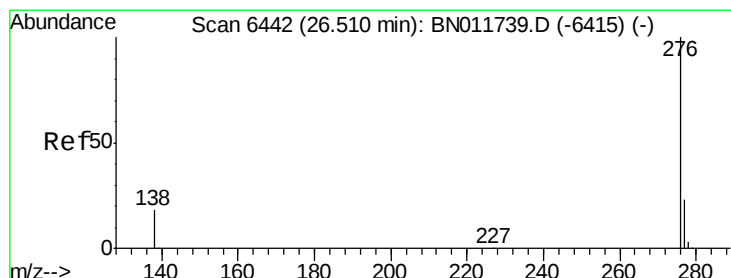
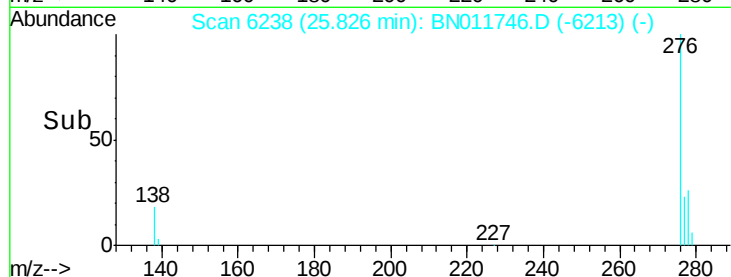
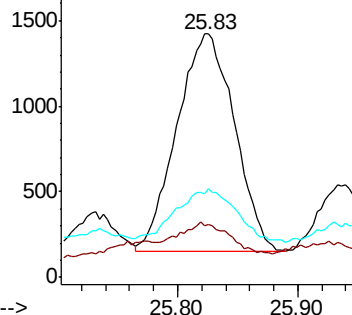
#25
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 25.83 min Scan# 6238
Delta R.T. -0.02 min
Lab File: BN011746.D
Acq: 08 Sep 2020 20:43

Instrument :
BNA_N
ClientSampleId :
C0AA6

Tot Ion:278 Resp: 4206
Ion Ratio Lower Upper
278 100
139 21.7 12.4 18.6#
279 36.4 21.8 32.6#

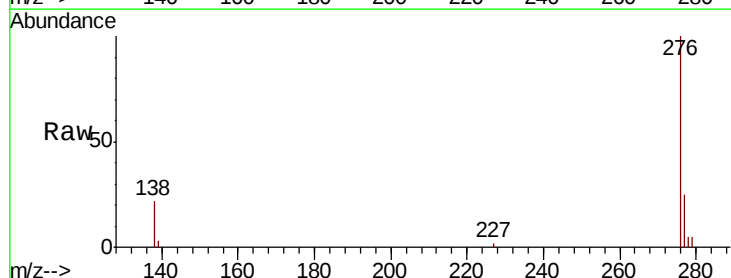


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 26.51 min Scan# 6442
Delta R.T. -0.01 min
Lab File: BN011746.D
Acq: 08 Sep 2020 20:43

Tgt Ion:276 Resp: 11996
Ion Ratio Lower Upper
276 100
138 21.6 14.7 22.1
277 25.3 19.5 29.3



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

