

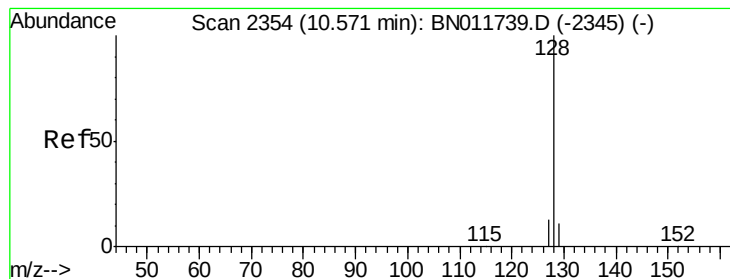
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011743.D
 Acq On : 08 Sep 2020 18:54
 Operator : CG/JU
 Sample : L3840-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Quant Time: Sep 09 06:36:45 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	2034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7959	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4836	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	8741	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	9031	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5551	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11715	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1271	0.054	ng/ul#	85
7) Acenaphthylene	14.09	152	2808	0.120	ng/ul	96
9) Fluorene	15.43	166	513	0.024	ng/ul#	96
17) Pyrene	19.54	202	15798	0.407	ng/ul#	92
18) Benzo(a)anthracene	21.29	228	12262	0.361	ng/ul	96
19) Chrysene	21.35	228	29085	0.766	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	40435	0.955	ng/ul	99
22) Benzo(k)fluoranthene	22.88	252	40435	0.931	ng/ul	99
23) Benzo(a)pyrene	23.46	252	17628	0.482	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.82	276	10930	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	3159	0.081	ng/ul#	76
26) Benzo(g,h,i)perylene	26.51	276	10543	0.251	ng/ul	95

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



#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Instrument :

BNA_N

ClientSampled :

C0AB3

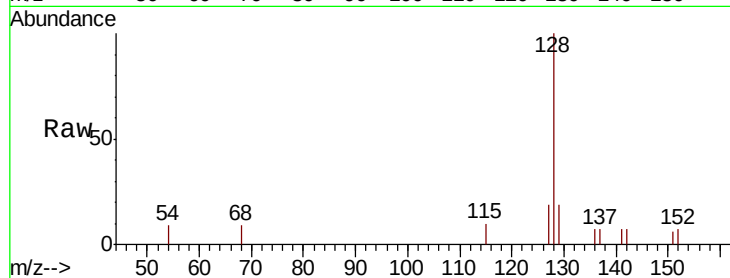
Tot Ion:128 Resp: 1271

Ion Ratio Lower Upper

128 100

129 18.9 9.8 14.6#

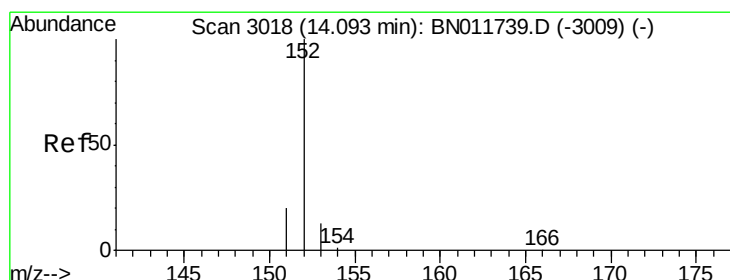
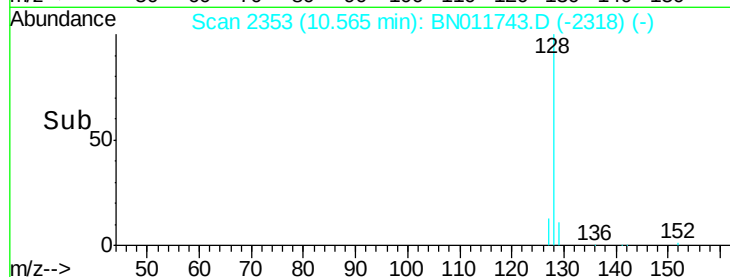
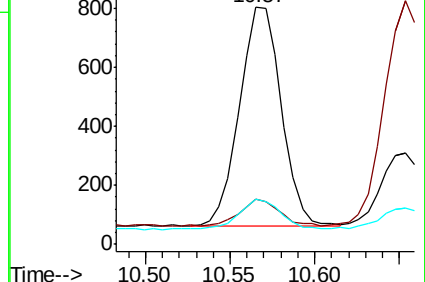
127 18.8 11.0 16.6#



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: 0.120 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

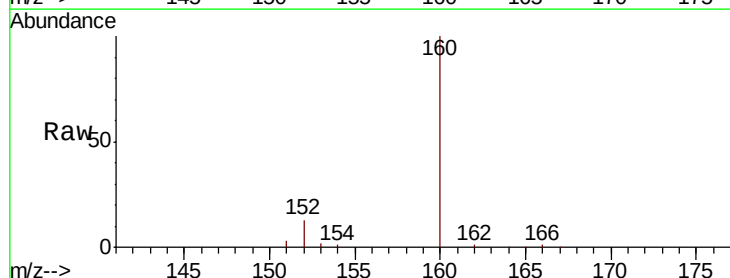
Tgt Ion:152 Resp: 2808

Ion Ratio Lower Upper

152 100

151 22.2 16.2 24.4

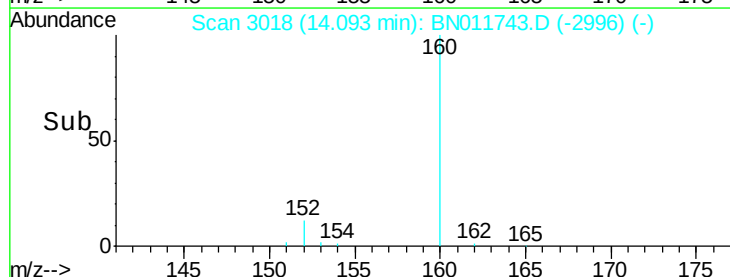
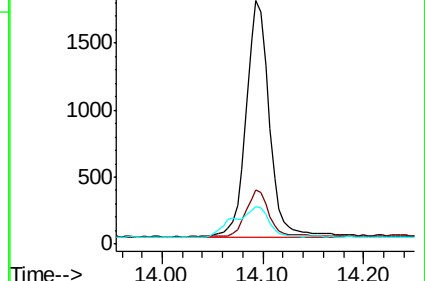
153 15.6 11.4 17.0

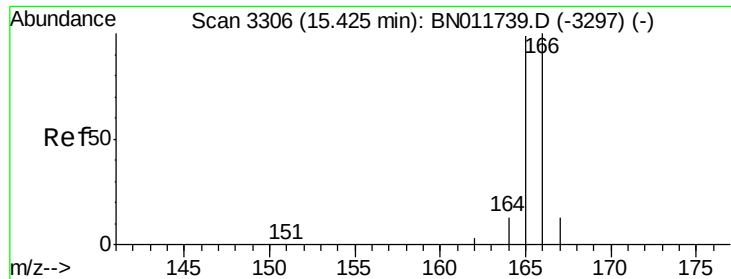


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Instrument :

BNA_N

ClientSampleId :

C0AB3

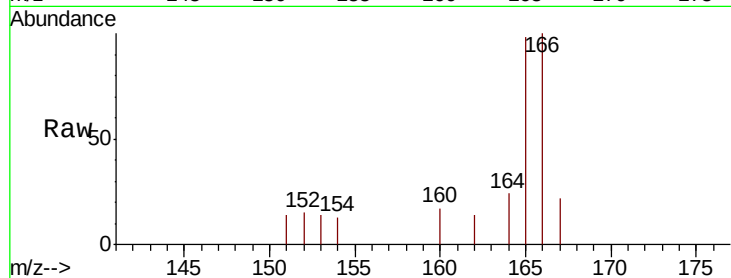
Tot Ion:166 Resp: 513

Ion Ratio Lower Upper

166 100

165 97.8 80.2 120.2

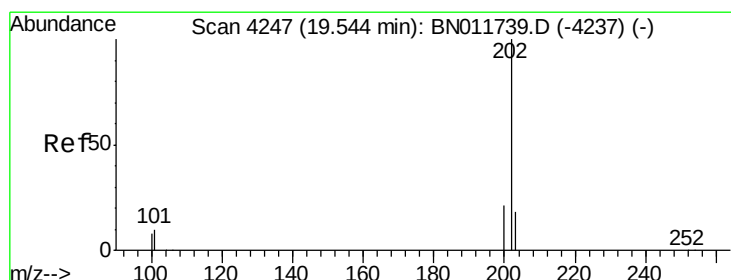
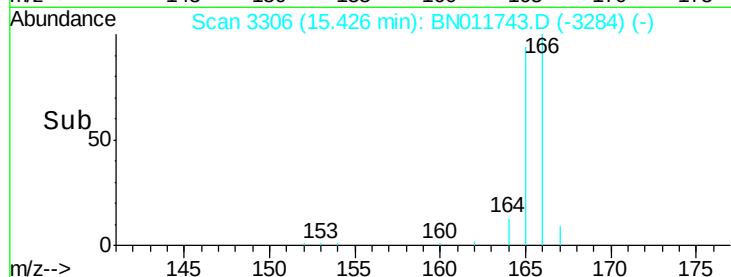
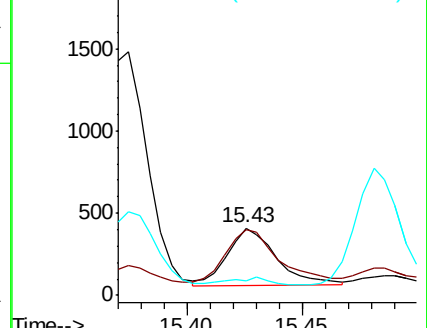
167 22.2 11.8 17.6#



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



#17

Pyrene

Concen: 0.407 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

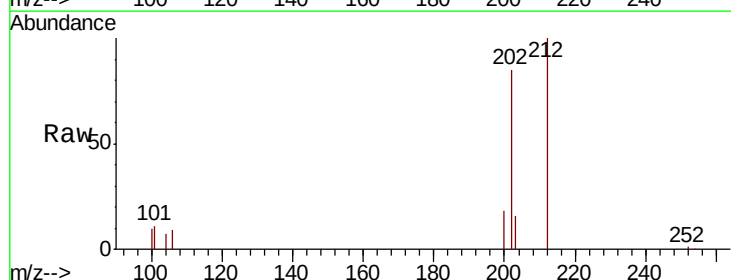
Tgt Ion:202 Resp: 15798

Ion Ratio Lower Upper

202 100

101 12.5 8.0 12.0#

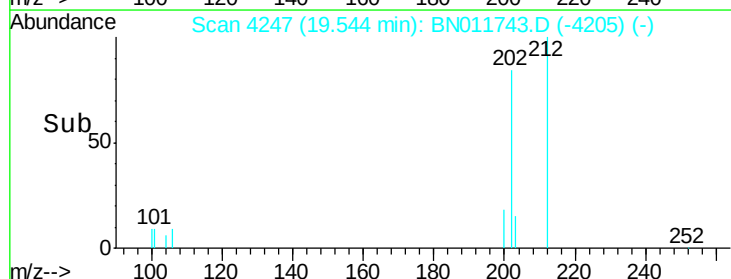
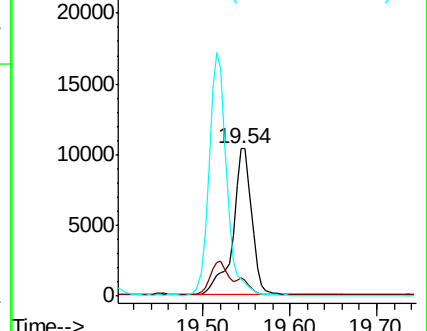
100 11.4 6.5 9.7#

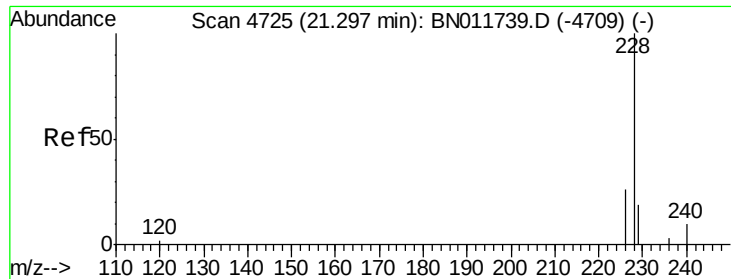


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

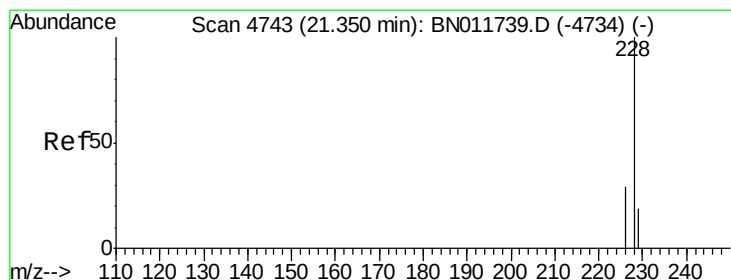
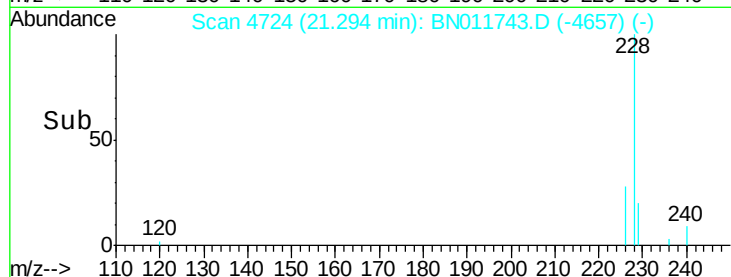
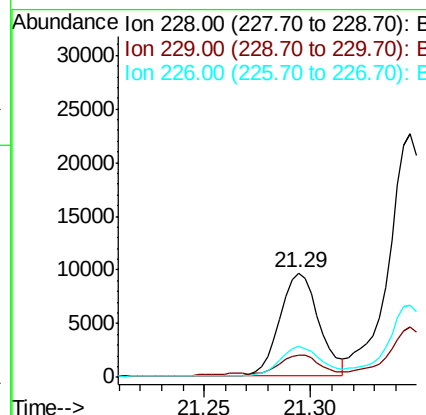
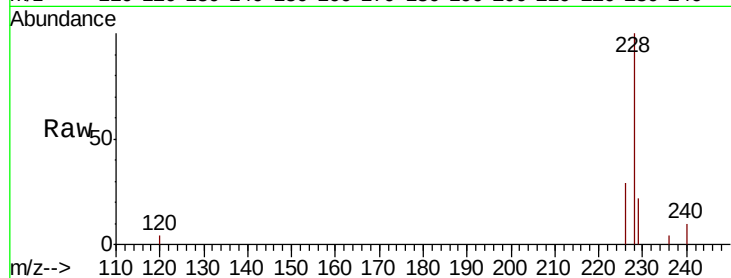




#18
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

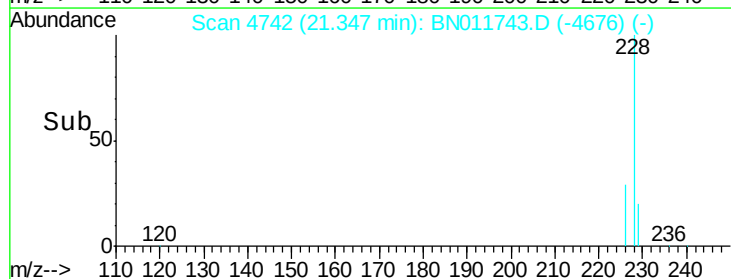
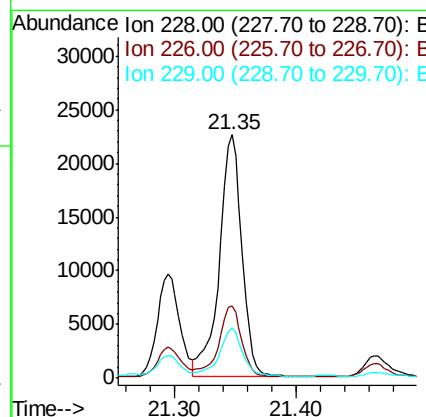
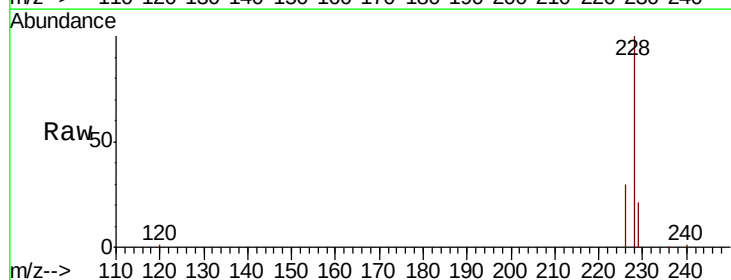
Instrument :
BNA_N
ClientSampleId :
C0AB3

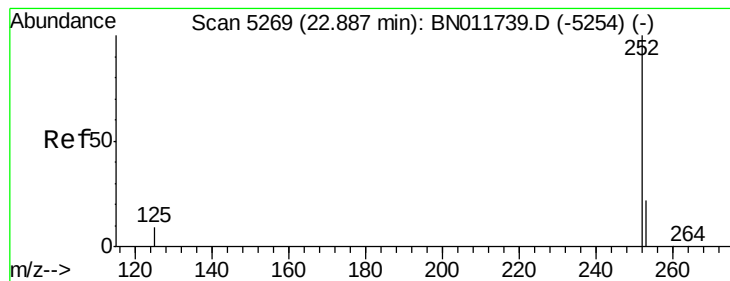
Tot Ion:228 Resp: 12262
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 29.1 21.9 32.9



#19
Chrysene
Concen: 0.766 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Tgt Ion:228 Resp: 29085
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 20.6 15.9 23.9





#21

Benzo(b)fluoranthene

Concen: 0.955 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Instrument :

BNA_N

ClientSampleId :

C0AB3

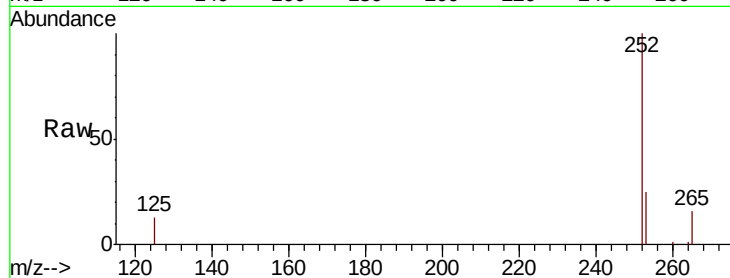
Tot Ion:252 Resp: 40435

Ion Ratio Lower Upper

252 100

253 25.1 0.0 50.6

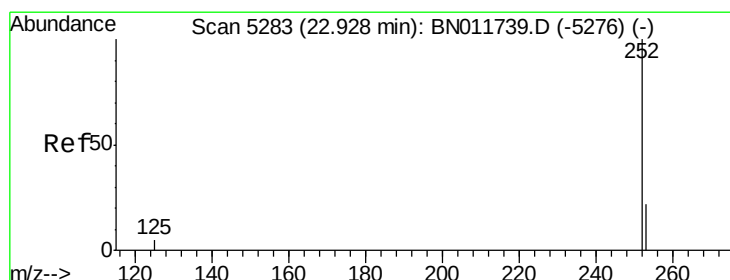
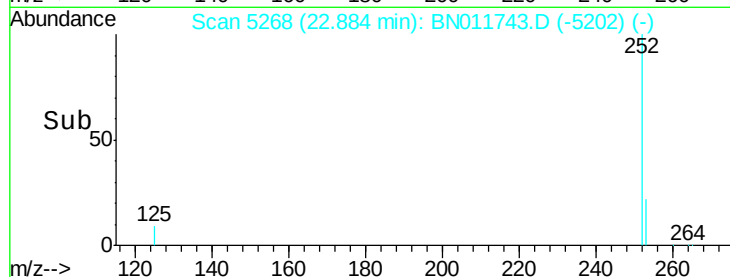
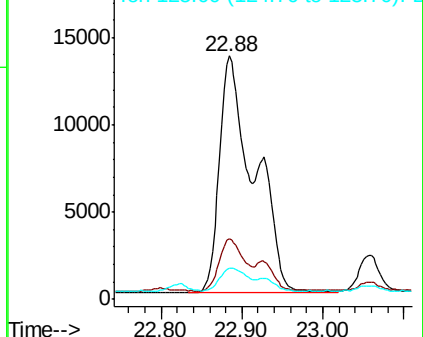
125 12.5 0.0 23.6



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: 0.931 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.05 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

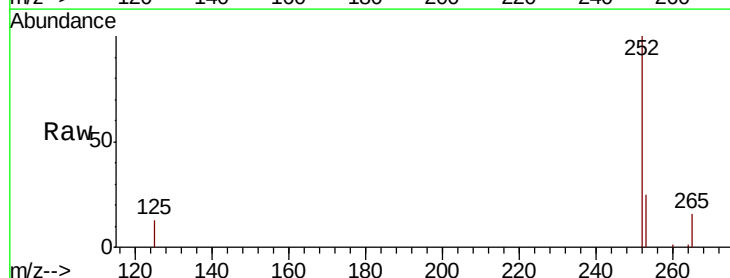
Tgt Ion:252 Resp: 40435

Ion Ratio Lower Upper

252 100

253 25.1 20.7 31.1

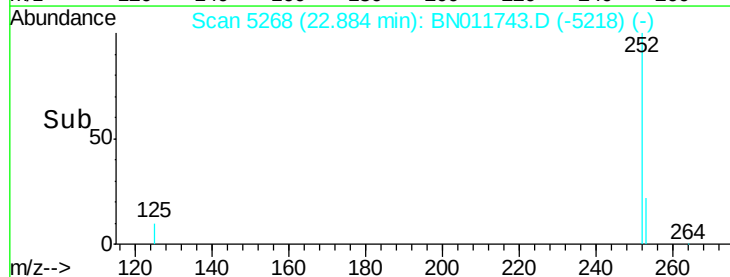
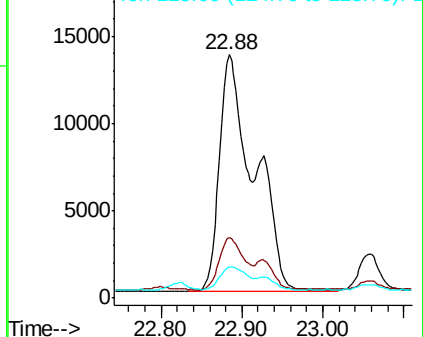
125 12.5 9.7 14.5

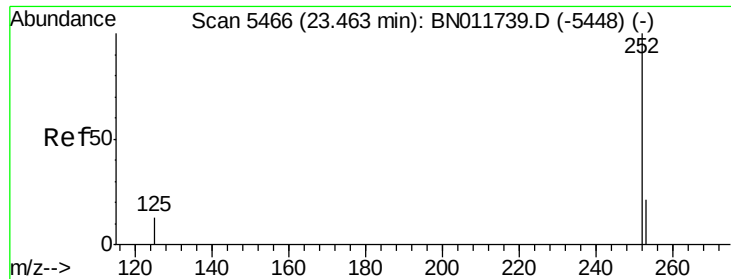


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.482 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Instrument :

BNA_N

ClientSampleId :

C0AB3

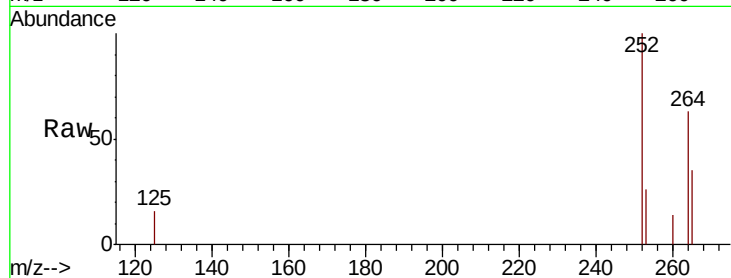
Tot Ion:252 Resp: 17628

Ion Ratio Lower Upper

252 100

253 26.2 21.6 32.4

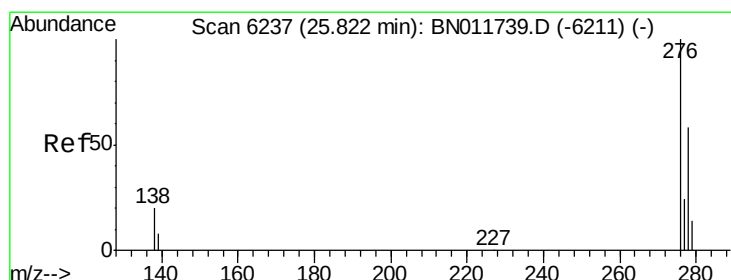
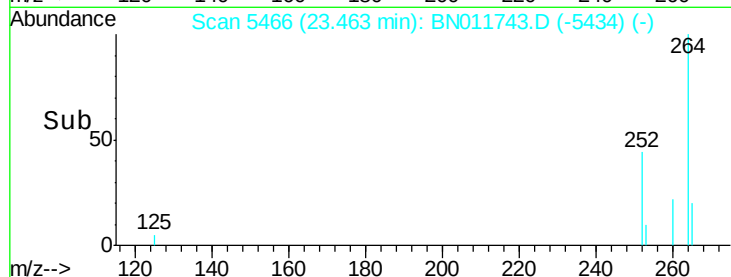
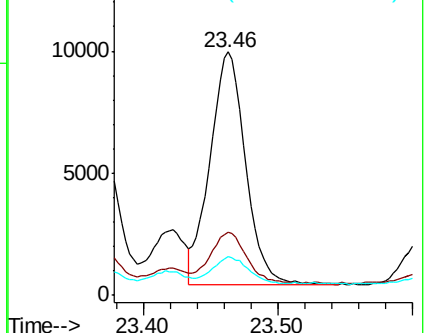
125 16.1 12.6 18.8



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: 0.228 ng/ul

RT: 25.82 min Scan# 6236

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

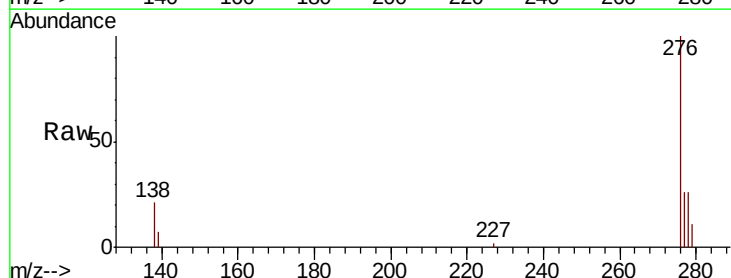
Tgt Ion:276 Resp: 10930

Ion Ratio Lower Upper

276 100

138 18.4 0.0 0.0#

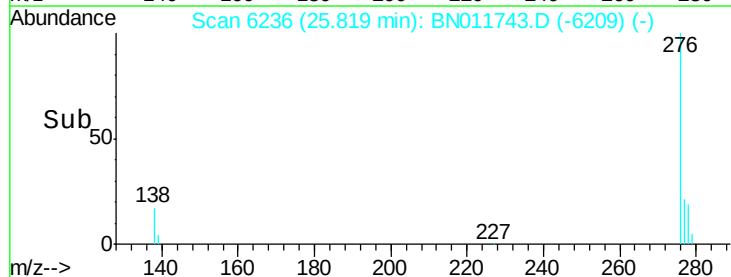
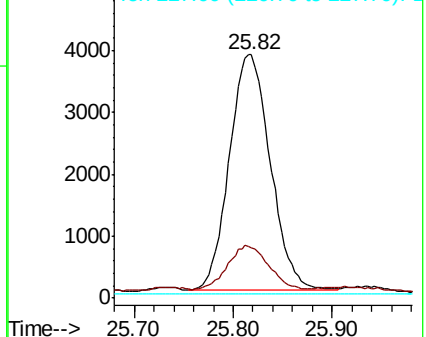
227 0.1 0.1 0.1#

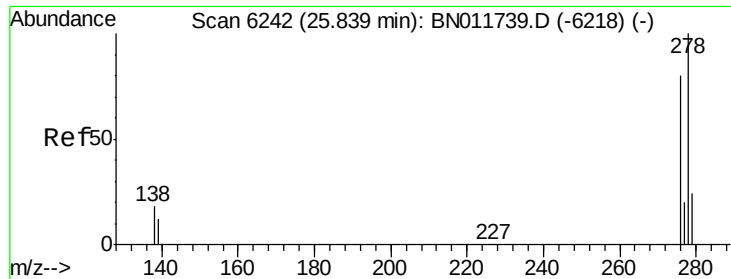


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.081 ng/ul

RT: 25.83 min Scan# 6239

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Instrument :

BNA_N

ClientSampleId :

C0AB3

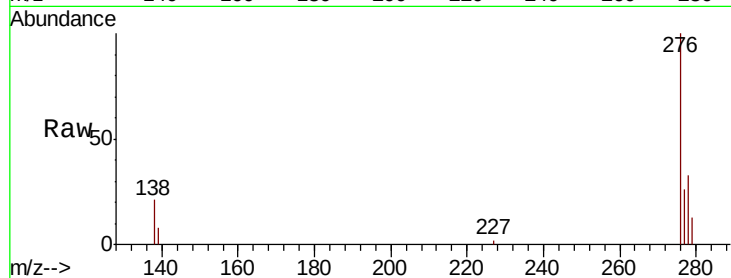
Tot Ion:278 Resp: 3159

Ion Ratio Lower Upper

278 100

139 25.6 12.4 18.6#

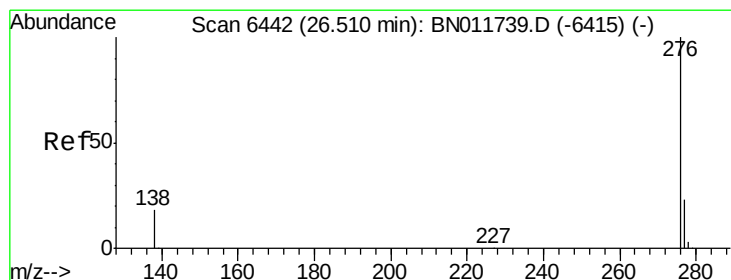
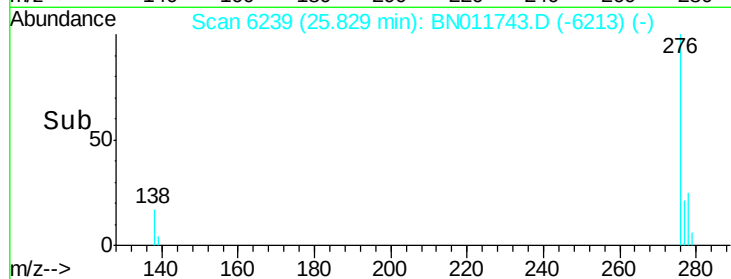
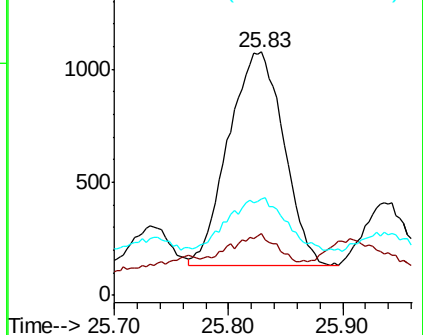
279 39.5 21.8 32.6#



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: 0.251 ng/ul

RT: 26.51 min Scan# 6442

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

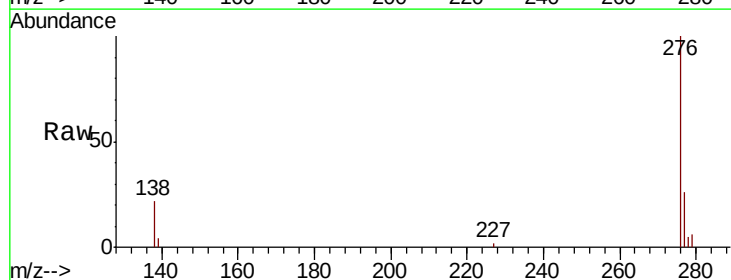
Tgt Ion:276 Resp: 10543

Ion Ratio Lower Upper

276 100

138 21.8 14.7 22.1

277 25.7 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

