

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011745.D
 Acq On : 08 Sep 2020 20:06
 Operator : CG/JU
 Sample : L3840-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

Quant Time: Sep 09 06:37:01 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

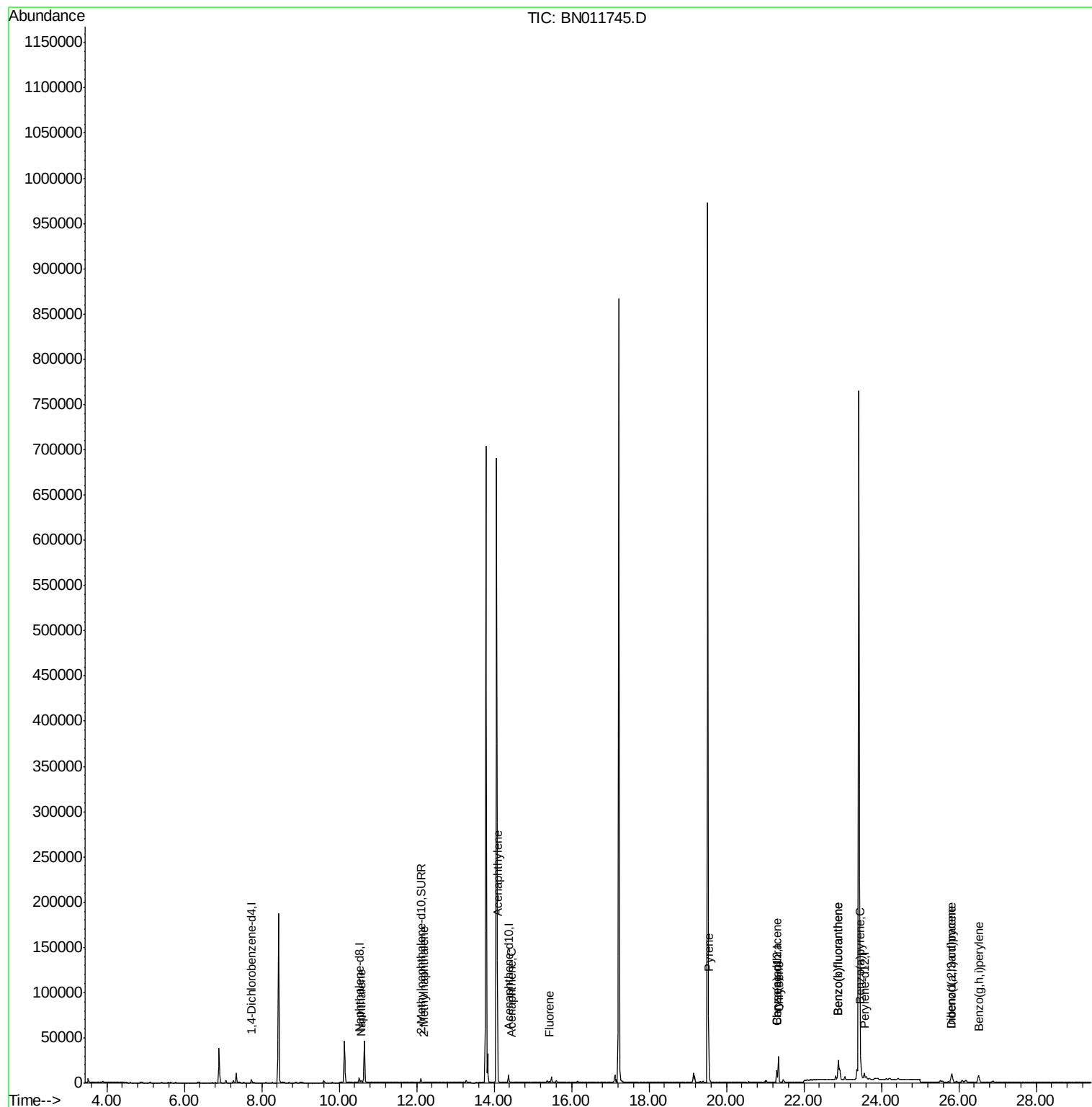
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1947	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7657	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	4676	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	8528	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	8771	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5305	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11014	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2901	0.128	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	495	0.033	ng/ul	95
7) Acenaphthylene	14.09	152	3415	0.151	ng/ul	95
8) Acenaphthene	14.44	153	394	0.022	ng/ul	93
9) Fluorene	15.43	166	707	0.034	ng/ul#	97
17) Pyrene	19.55	202	25451	0.672	ng/ul	99
18) Benzo(a)anthracene	21.30	228	9774	0.295	ng/ul	95
19) Chrysene	21.35	228	24986	0.675	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	48497	1.180	ng/ul	98
22) Benzo(k)fluoranthene	22.89	252	48497	1.150	ng/ul	97
23) Benzo(a)pyrene	23.47	252	22384	0.631	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.82	276	16005	0.343	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	4708	0.124	ng/ul#	84
26) Benzo(g,h,i)perylene	26.51	276	15317	0.376	ng/ul	97

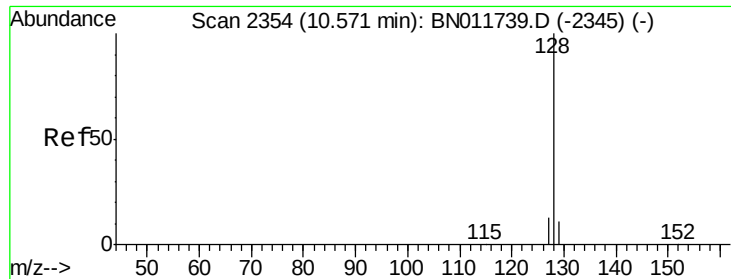
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.128 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

ClientSampleId :

C0AA8

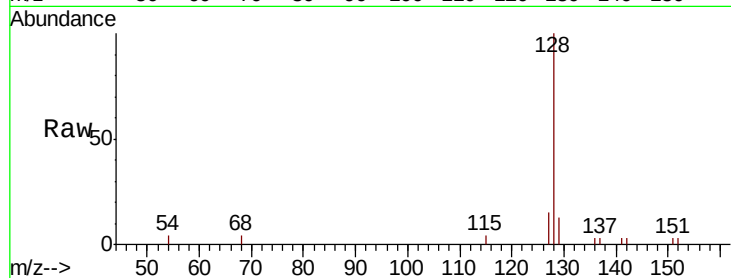
Tot Ion:128 Resp: 2901

Ion Ratio Lower Upper

128 100

129 13.0 9.8 14.6

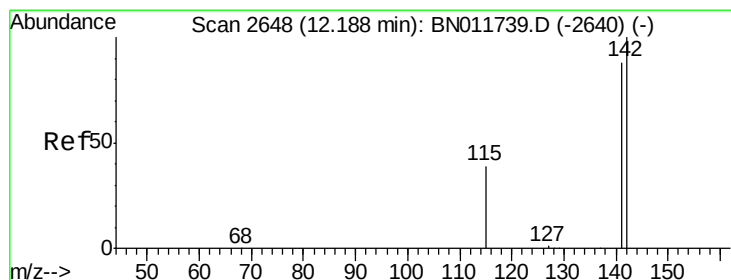
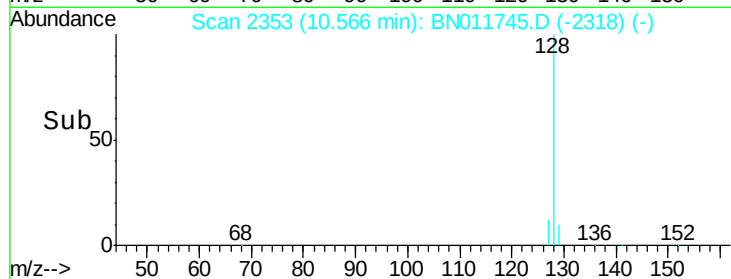
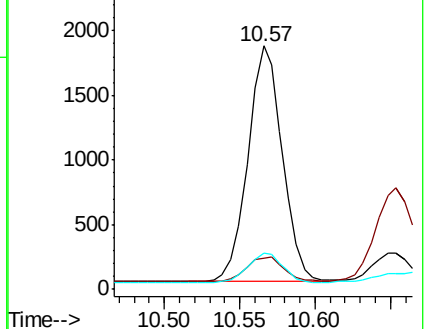
127 14.9 11.0 16.6



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: 0.033 ng/ul

RT: 12.18 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BN011745.D

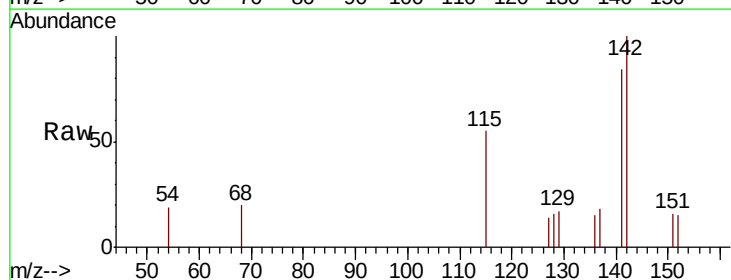
Acq: 08 Sep 2020 20:06

Tgt Ion:142 Resp: 495

Ion Ratio Lower Upper

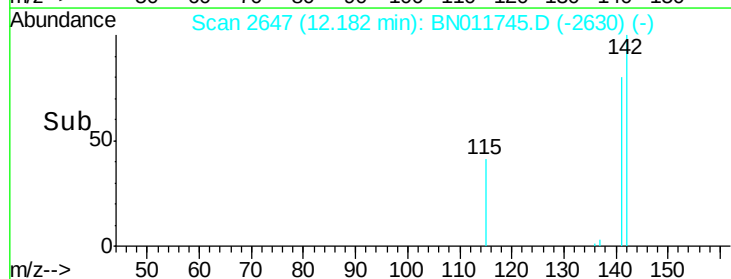
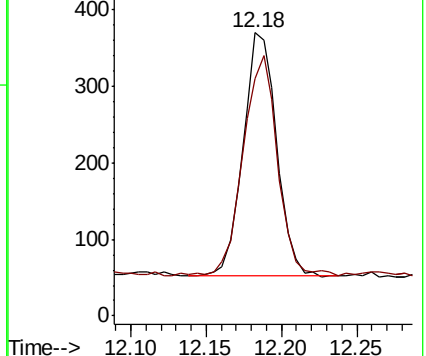
142 100

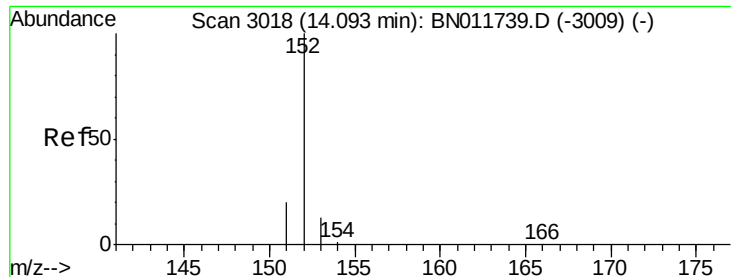
141 93.9 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.151 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

ClientSampleId :

C0AA8

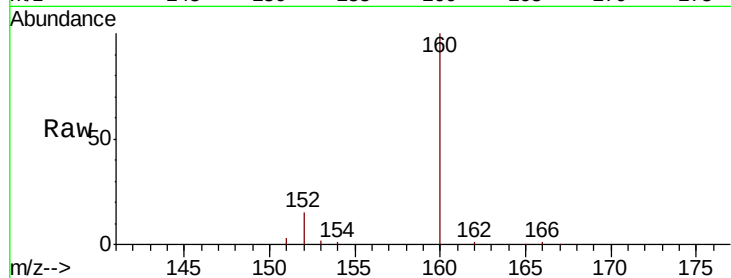
Tot Ion:152 Resp: 3415

Ion Ratio Lower Upper

152 100

151 22.8 16.2 24.4

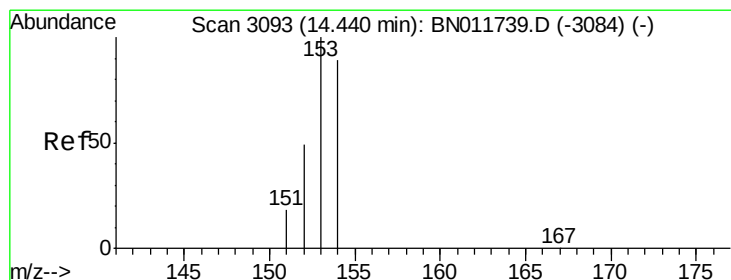
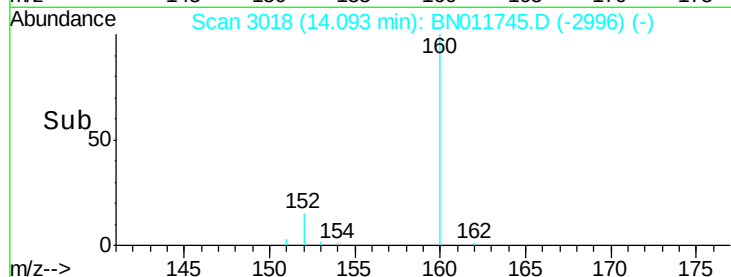
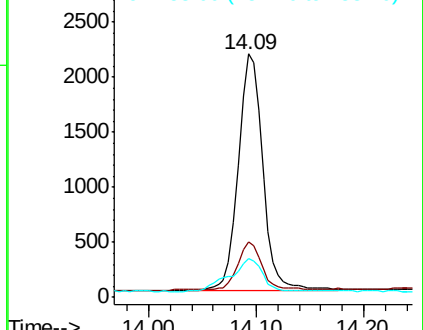
153 15.9 11.4 17.0



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: 0.022 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

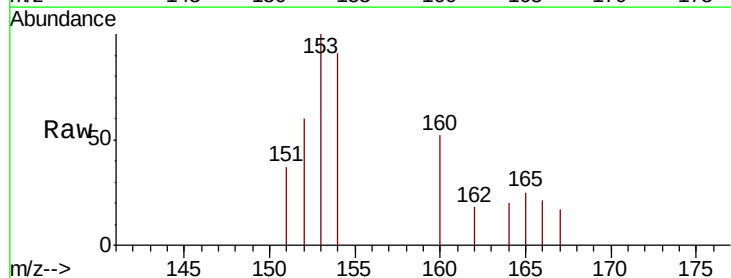
Tgt Ion:153 Resp: 394

Ion Ratio Lower Upper

153 100

152 60.3 40.3 60.5

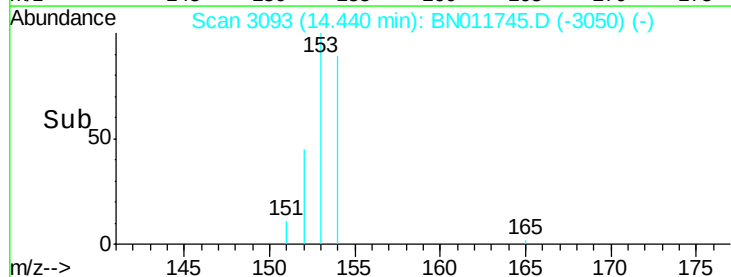
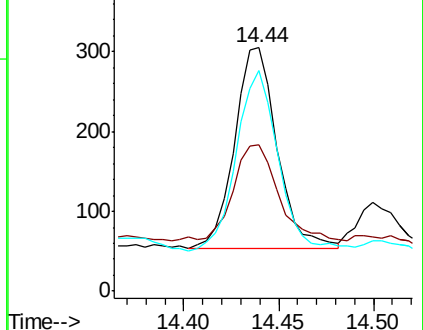
154 90.8 70.1 105.1

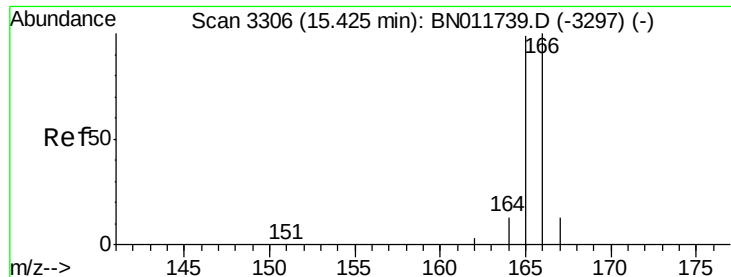


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

ClientSampleId :

C0AA8

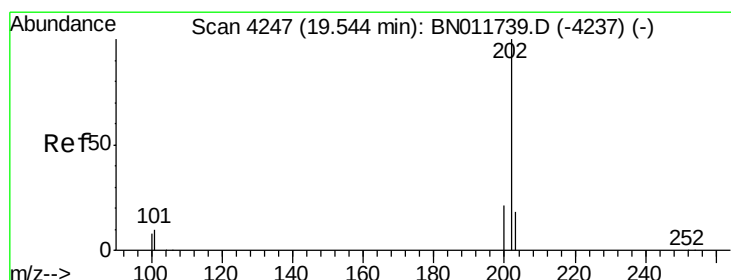
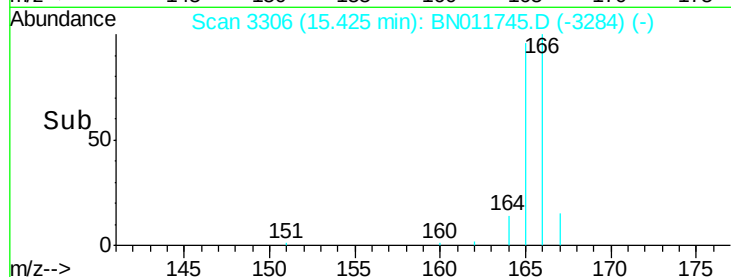
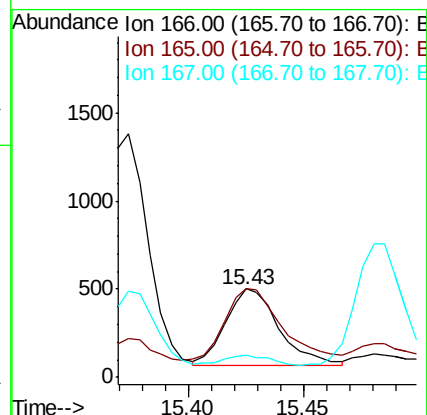
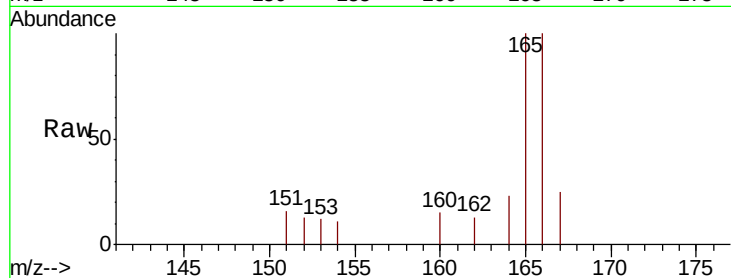
Tot Ion:166 Resp: 707

Ion Ratio Lower Upper

166 100

165 99.8 80.2 120.2

167 24.7 11.8 17.6#



#17

Pyrene

Concen: 0.672 ng/ul

RT: 19.55 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

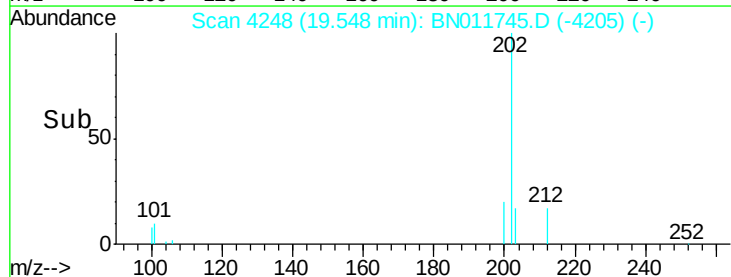
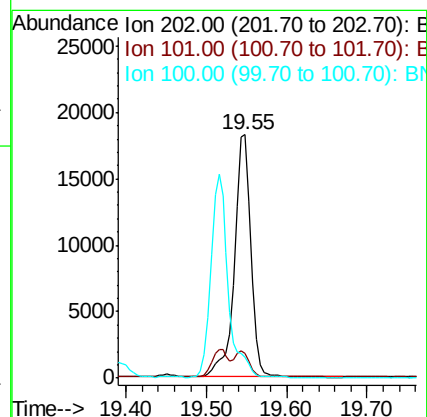
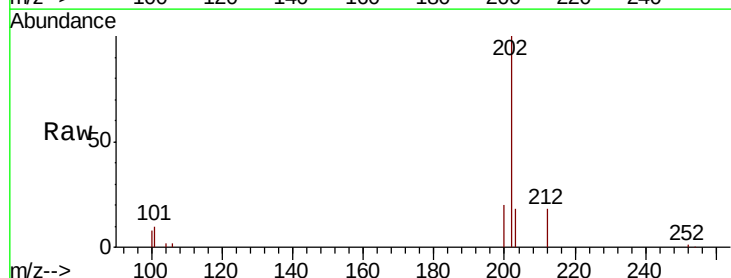
Tgt Ion:202 Resp: 25451

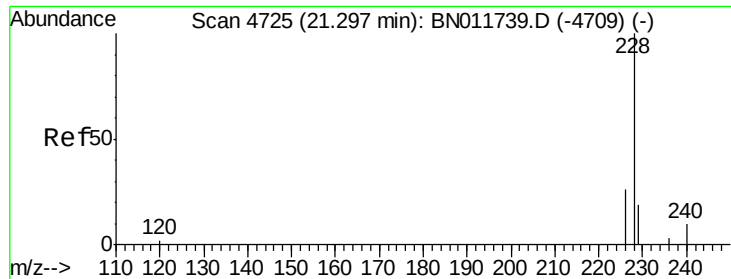
Ion Ratio Lower Upper

202 100

101 10.4 8.0 12.0

100 8.4 6.5 9.7





#18

Benzo(a)anthracene

Concen: 0.295 ng/ul

RT: 21.30 min Scan# 4725

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

ClientSampleId :

C0AA8

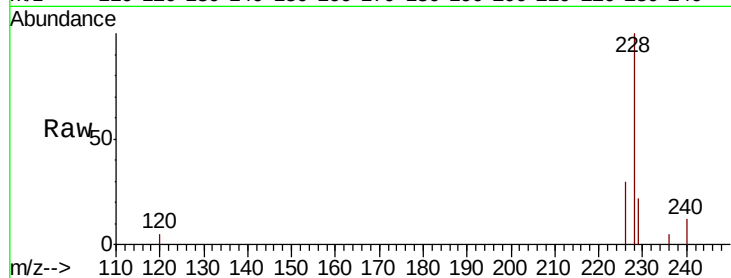
Tot Ion:228 Resp: 9774

Ion Ratio Lower Upper

228 100

229 22.1 15.9 23.9

226 30.1 21.9 32.9

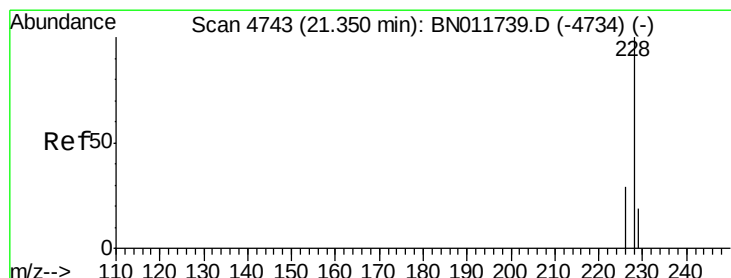
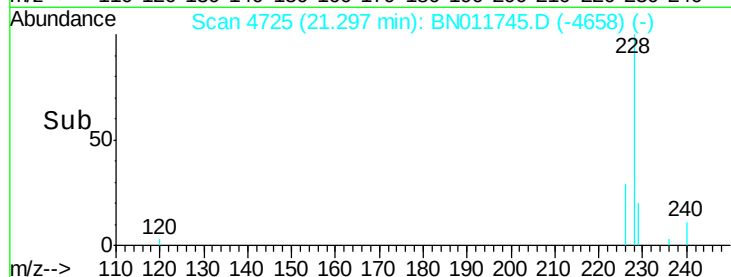
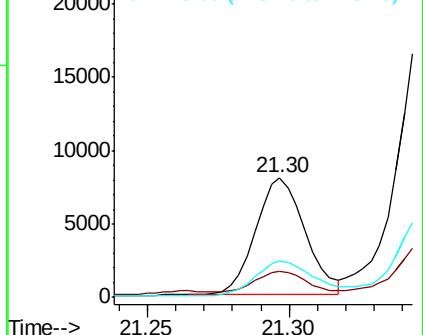


Abundance

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: 0.675 ng/ul

RT: 21.35 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

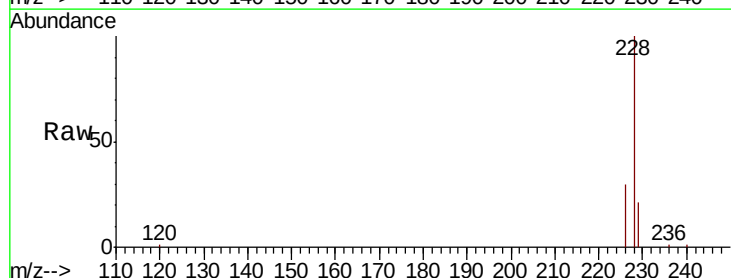
Tgt Ion:228 Resp: 24986

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 20.5 15.9 23.9

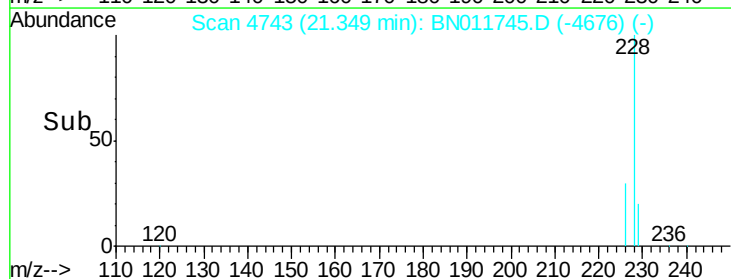
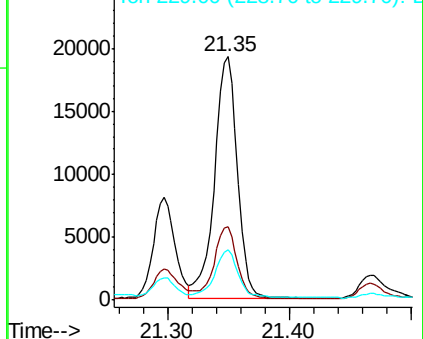


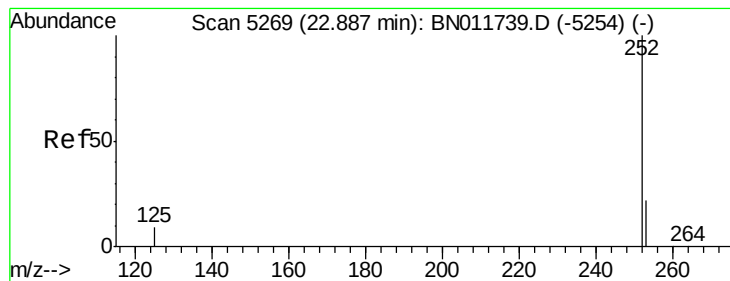
Abundance

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: 1.180 ng/ul

RT: 22.89 min Scan# 5270

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

ClientSampleId :

C0AA8

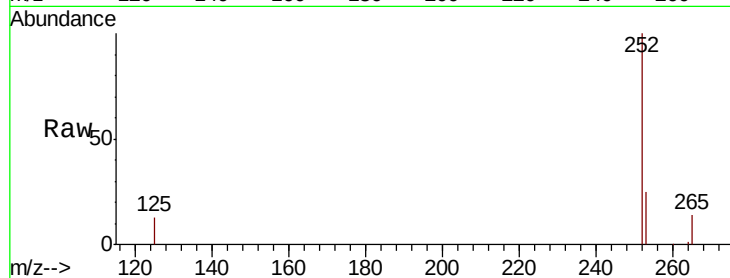
Tot Ion:252 Resp: 48497

Ion Ratio Lower Upper

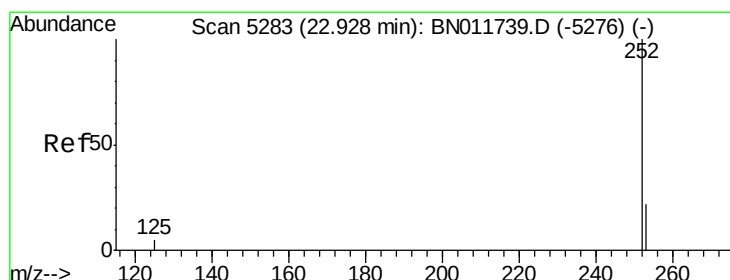
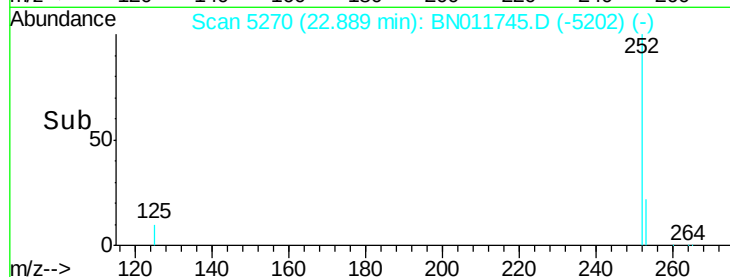
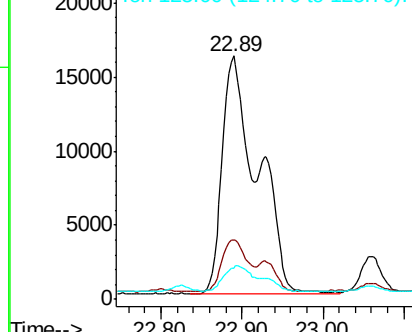
252 100

253 24.5 0.0 50.6

125 13.0 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: 1.150 ng/ul

RT: 22.89 min Scan# 5270

Delta R.T. -0.05 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

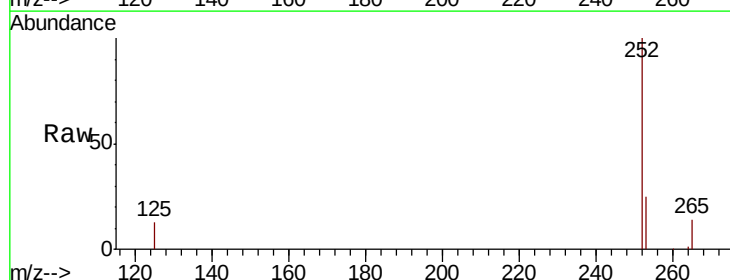
Tgt Ion:252 Resp: 48497

Ion Ratio Lower Upper

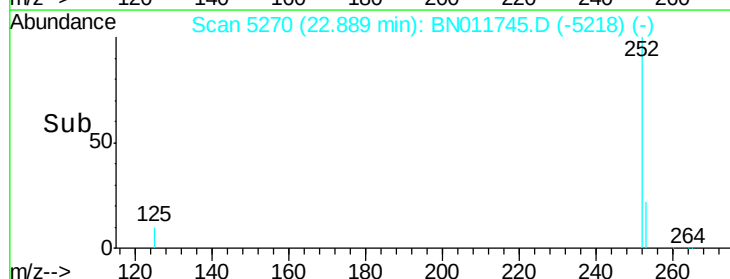
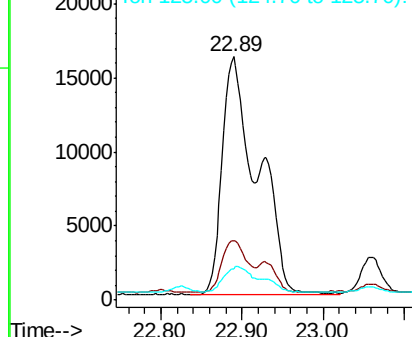
252 100

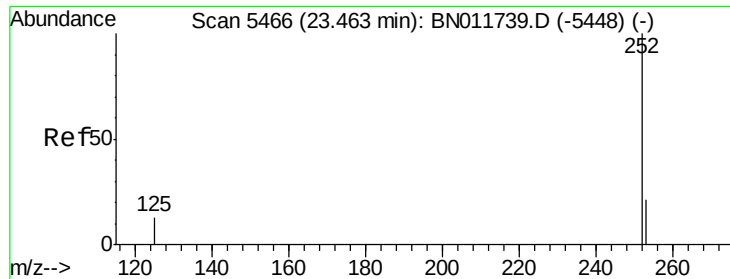
253 24.5 20.7 31.1

125 13.0 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: 0.631 ng/ul

RT: 23.47 min Scan# 5467

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

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C0AA8

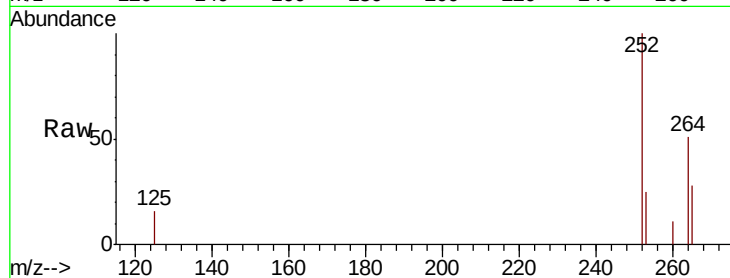
Tot Ion:252 Resp: 22384

Ion Ratio Lower Upper

252 100

253 25.4 21.6 32.4

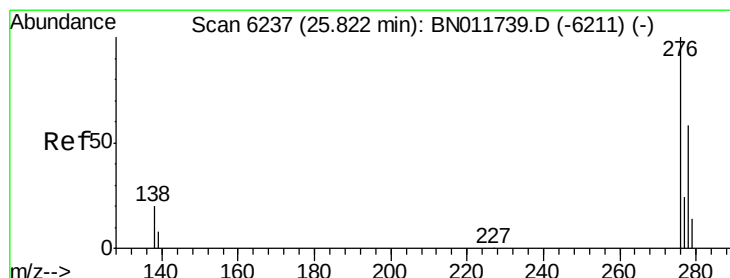
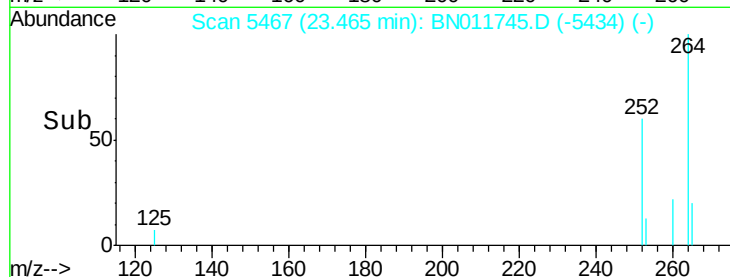
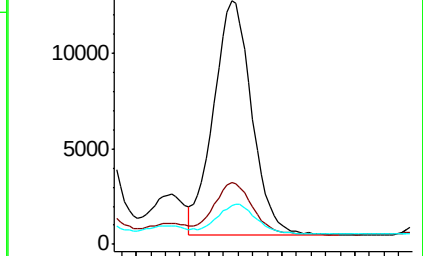
125 15.9 12.6 18.8



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: 0.343 ng/ul

RT: 25.82 min Scan# 6236

Delta R.T. -0.01 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

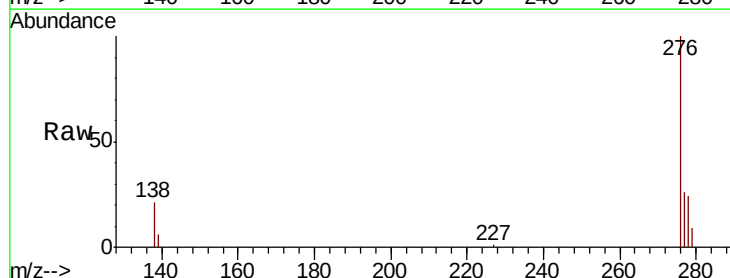
Tgt Ion:276 Resp: 16005

Ion Ratio Lower Upper

276 100

138 18.9 0.0 0.0#

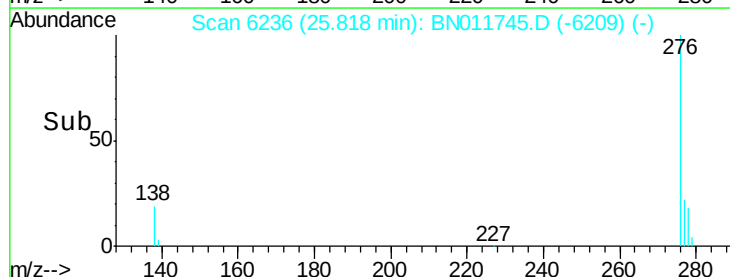
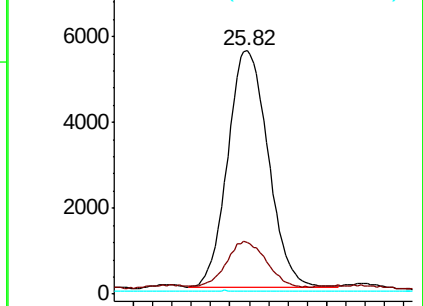
227 0.1 0.1 0.1

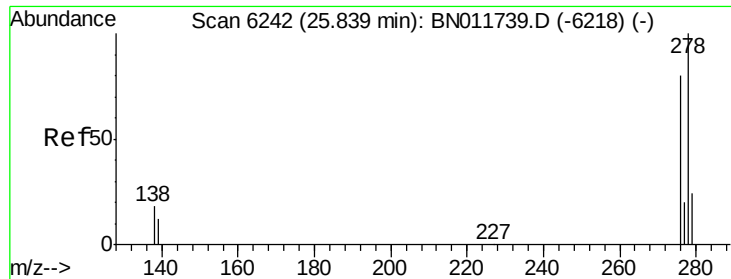


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



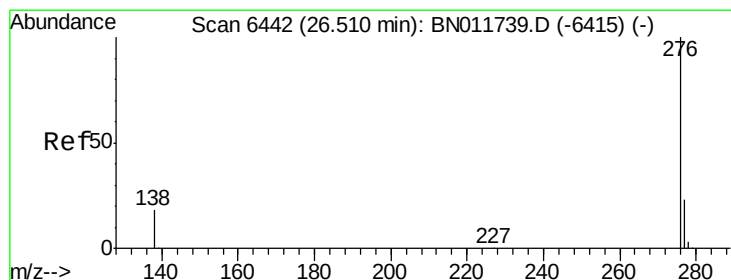
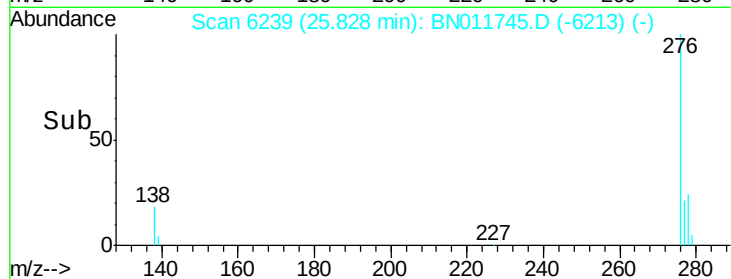
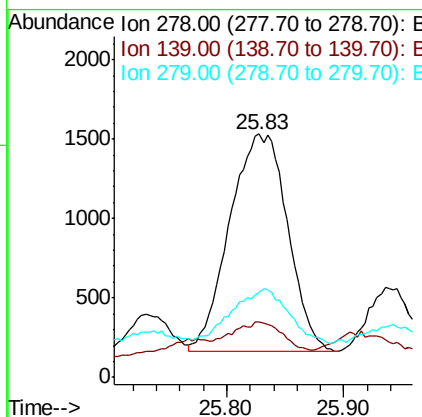
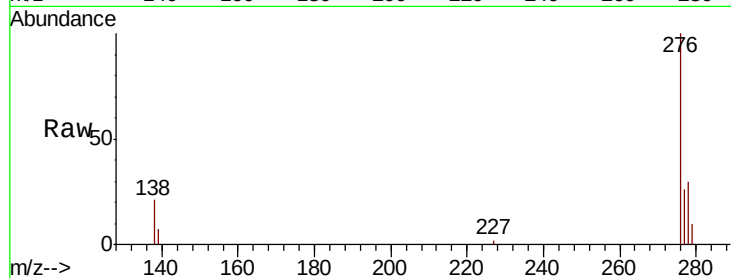


#25
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. -0.01 min
Lab File: BN011745.D
Acq: 08 Sep 2020 20:06

Instrument :
BNA_N
ClientSampleId :
C0AA8

Tot Ion:278 Resp: 4708

Ion	Ratio	Lower	Upper
278	100		
139	22.8	12.4	18.6#
279	34.9	21.8	32.6#



#26
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.51 min Scan# 6443
Delta R.T. -0.00 min
Lab File: BN011745.D
Acq: 08 Sep 2020 20:06

Tgt Ion:276 Resp: 15317

Ion	Ratio	Lower	Upper
276	100		
138	20.8	14.7	22.1
277	25.2	19.5	29.3

