

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011757.D
 Acq On : 09 Sep 2020 03:57
 Operator : CG/JU
 Sample : L3843-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Quant Time: Sep 09 07:13:17 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 07:05:35 2020
 Response via : Initial Calibration

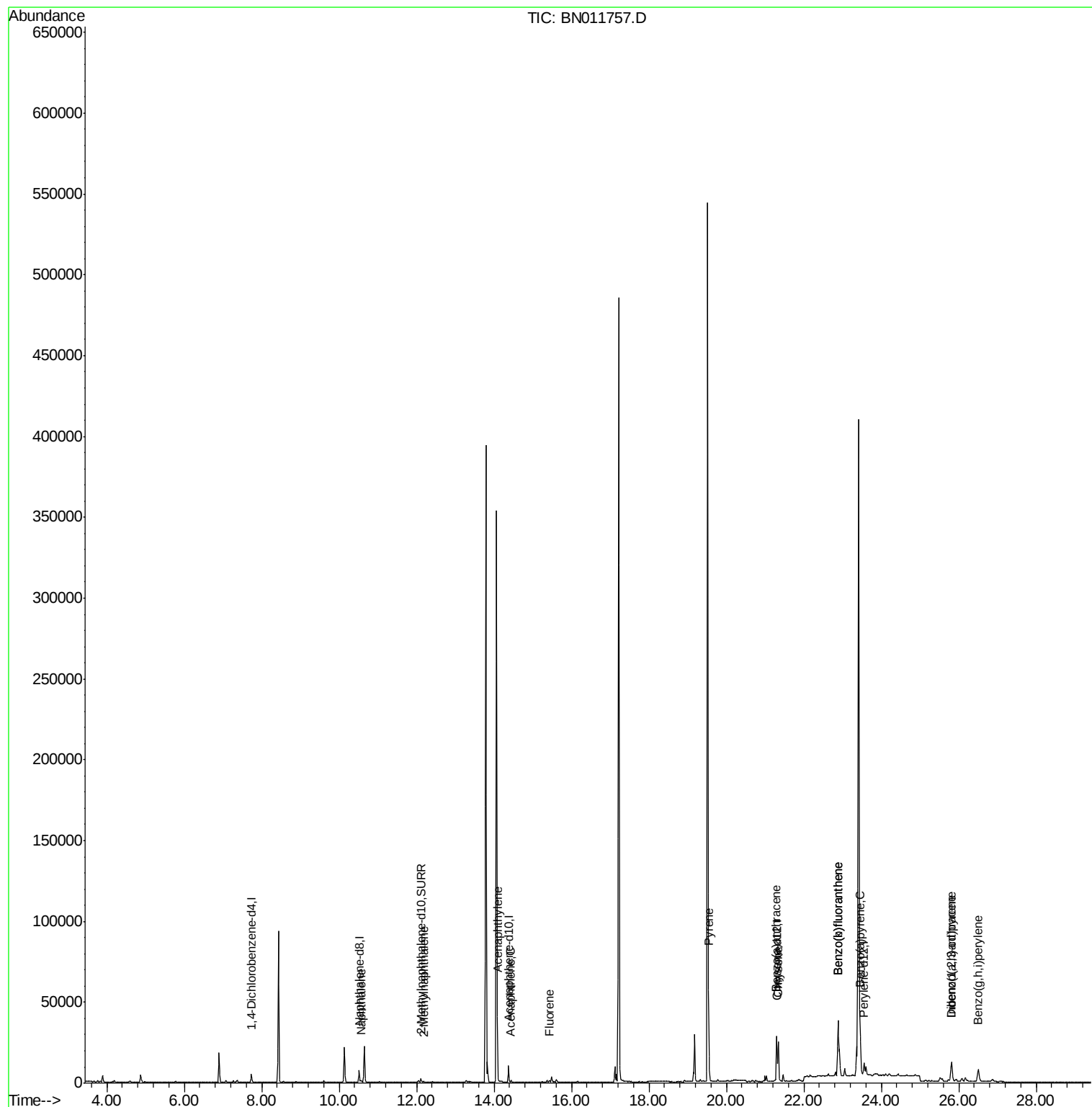
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2361	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9308	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5378	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	10218	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	10042	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2729	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6173	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1542	0.056	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	390	0.021	ng/ul	99
7) Acenaphthylene	14.09	152	4056	0.156	ng/ul	96
8) Acenaphthene	14.44	153	553	0.027	ng/ul	96
9) Fluorene	15.43	166	761	0.032	ng/ul#	96
17) Pyrene	19.54	202	30467	0.671	ng/ul	98
18) Benzo(a)anthracene	21.29	228	21932	0.552	ng/ul	95
19) Chrysene	21.34	228	25571	0.576	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	74707	1.587	ng/ul	99
22) Benzo(k)fluoranthene	22.88	252	74707	1.547	ng/ul	98
23) Benzo(a)pyrene	23.46	252	29094	0.716	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.81	276	19225	0.360	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	5620	0.129	ng/ul#	83
26) Benzo(g,h,i)perylene	26.50	276	16151	0.346	ng/ul#	94

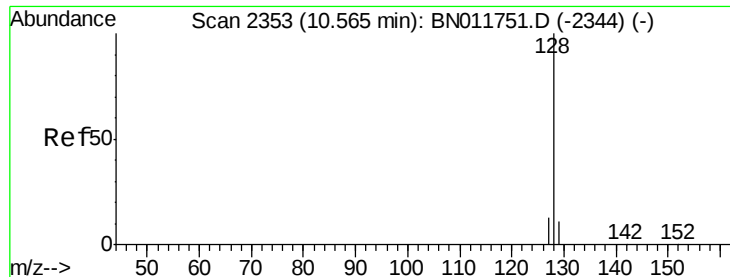
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

ClientSampleId :

C0AD3

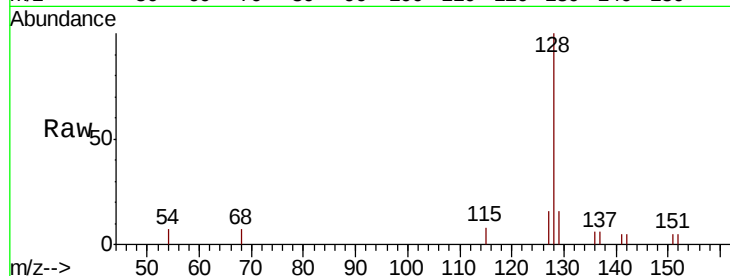
Tot Ion:128 Resp: 1542

Ion Ratio Lower Upper

128 100

129 15.7 9.8 14.6#

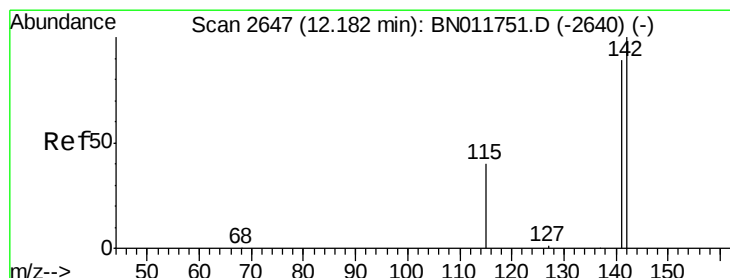
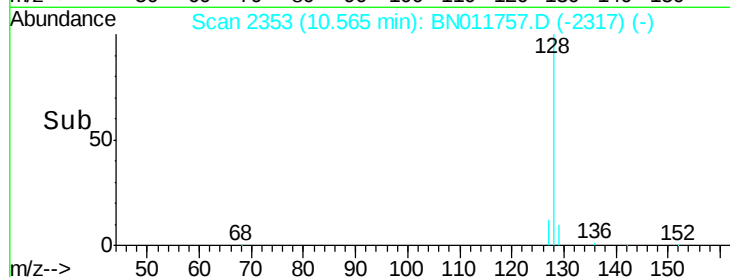
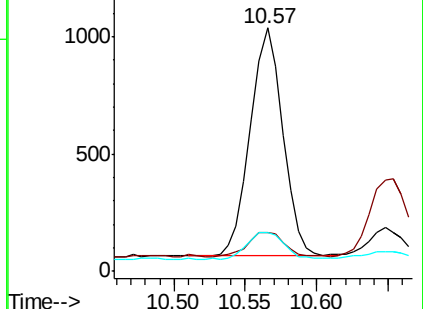
127 16.2 11.0 16.6



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: 0.021 ng/ul

RT: 12.18 min Scan# 2647

Delta R.T. 0.00 min

Lab File: BN011757.D

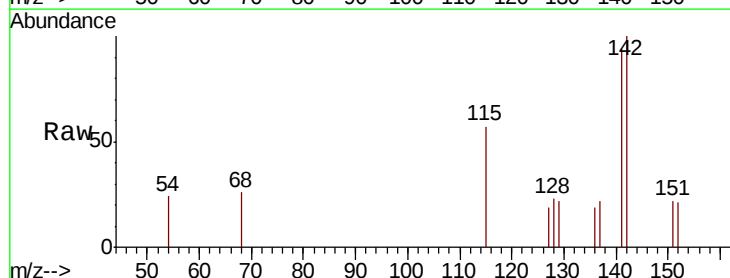
Acq: 09 Sep 2020 03:57

Tgt Ion:142 Resp: 390

Ion Ratio Lower Upper

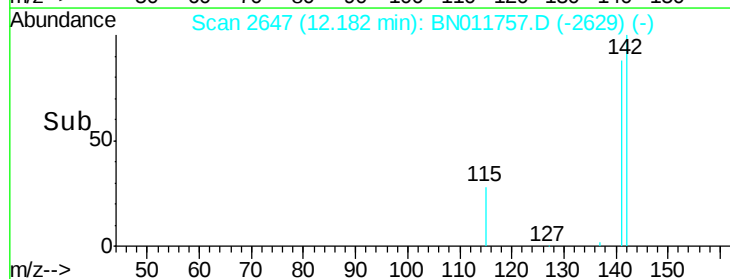
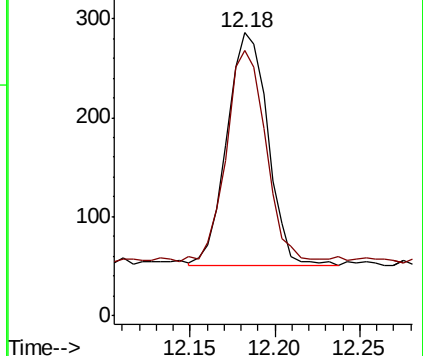
142 100

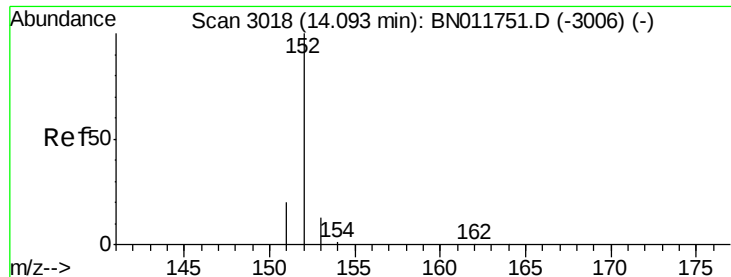
141 87.9 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

ClientSampleId :

C0AD3

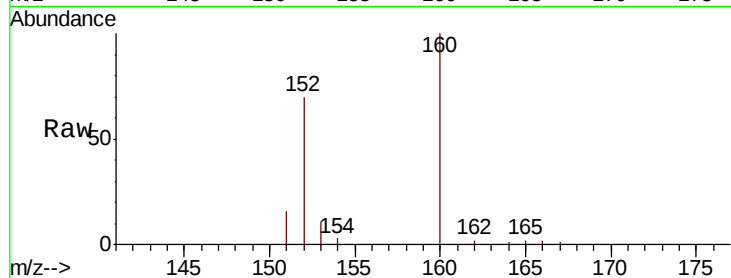
Tot Ion:152 Resp: 4056

Ion Ratio Lower Upper

152 100

151 22.3 16.2 24.4

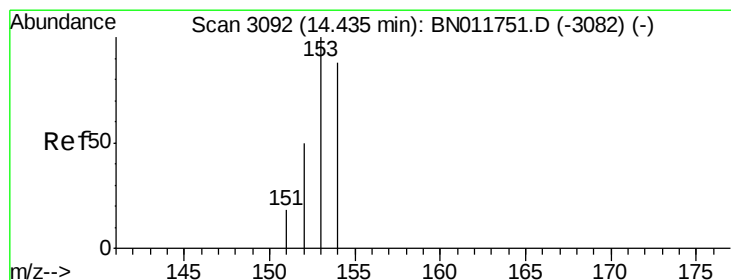
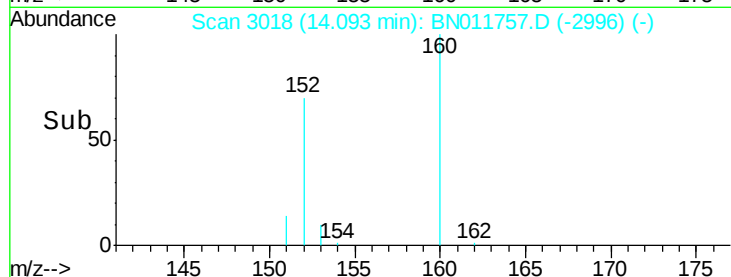
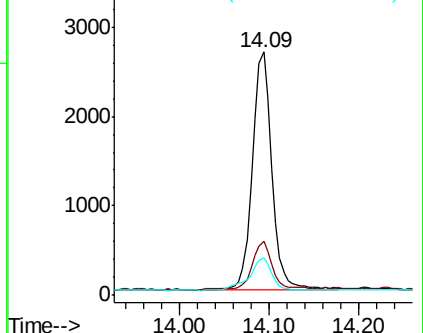
153 15.6 11.4 17.0



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



#8

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

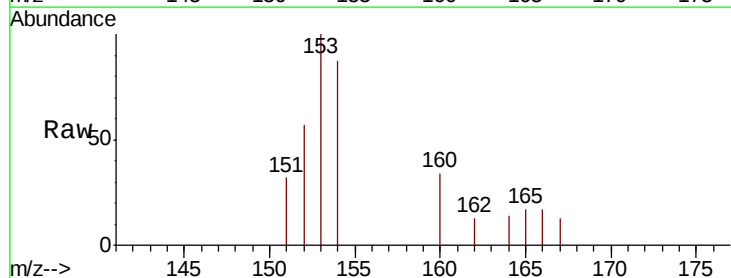
Tgt Ion:153 Resp: 553

Ion Ratio Lower Upper

153 100

152 57.0 40.3 60.5

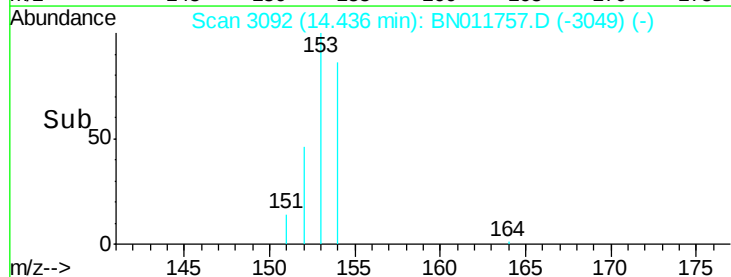
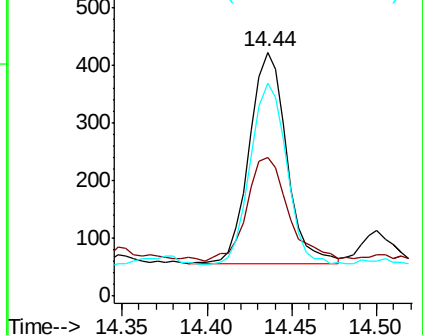
154 87.2 70.1 105.1

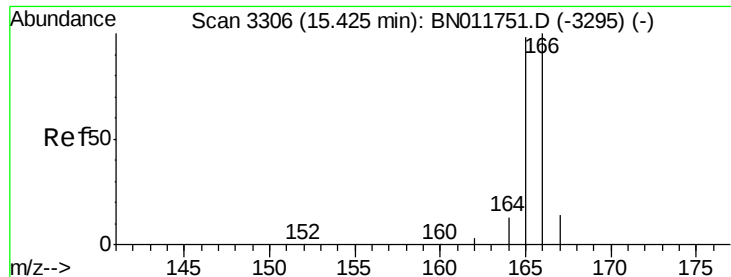


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

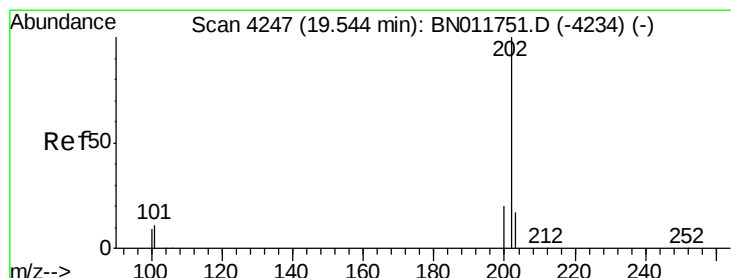
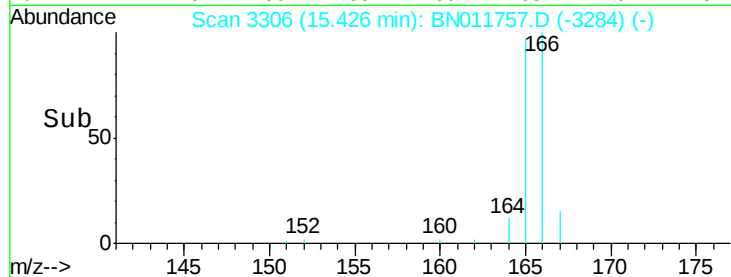
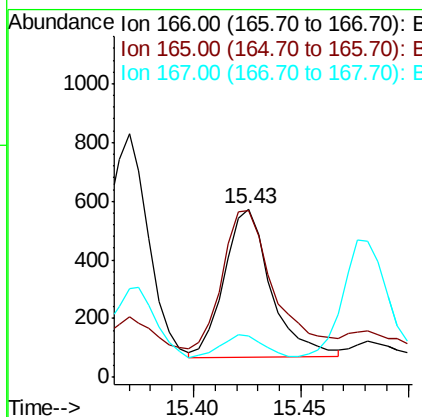
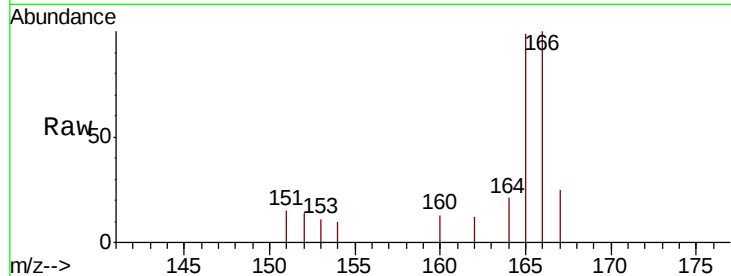




#9
Fluorene
 Concen: 0.032 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011757.D
 Acq: 09 Sep 2020 03:57

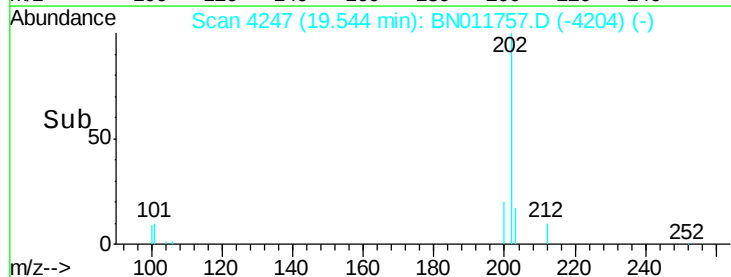
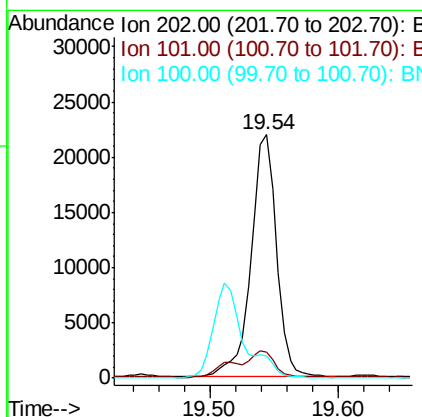
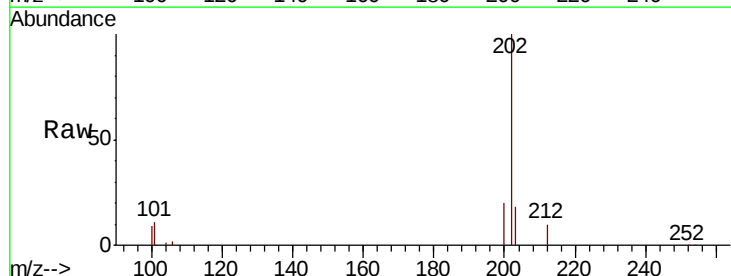
Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

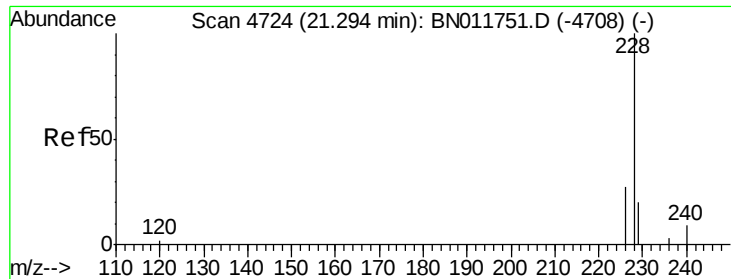
Tot Ion:166 Resp: 761
 Ion Ratio Lower Upper
 166 100
 165 99.3 80.2 120.2
 167 24.6 11.8 17.6#



#17
Pyrene
 Concen: 0.671 ng/ul
 RT: 19.54 min Scan# 4247
 Delta R.T. 0.00 min
 Lab File: BN011757.D
 Acq: 09 Sep 2020 03:57

Tgt Ion:202 Resp: 30467
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.0 12.0
 100 8.9 6.5 9.7





#18

Benzo(a)anthracene

Concen: 0.552 ng/ul

RT: 21.29 min Scan# 4723

Delta R.T. -0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

ClientSampleId :

C0AD3

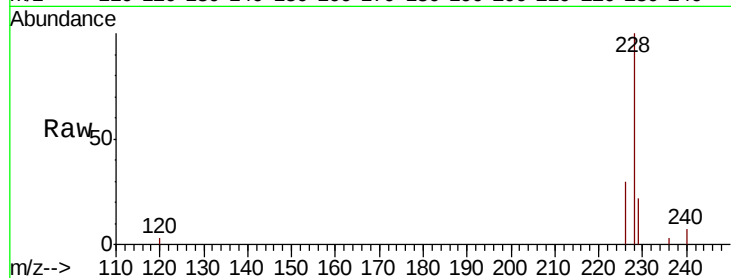
Tot Ion:228 Resp: 21932

Ion Ratio Lower Upper

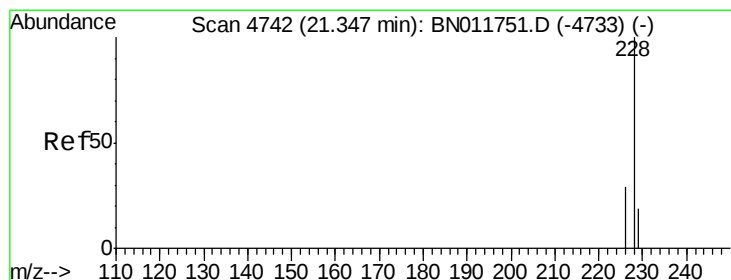
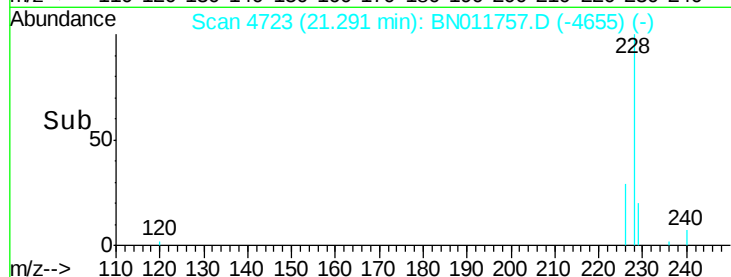
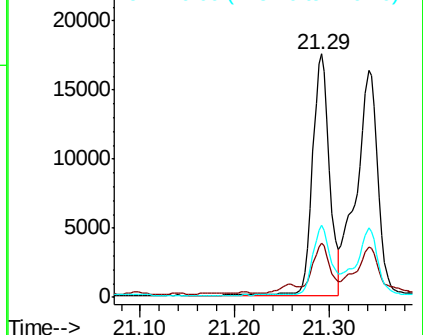
228 100

229 22.3 15.9 23.9

226 29.5 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: 0.576 ng/ul

RT: 21.34 min Scan# 4740

Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

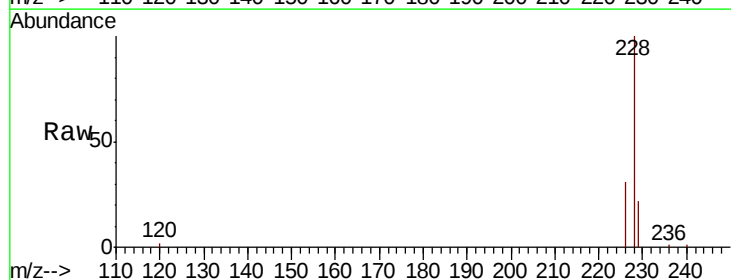
Tgt Ion:228 Resp: 25571

Ion Ratio Lower Upper

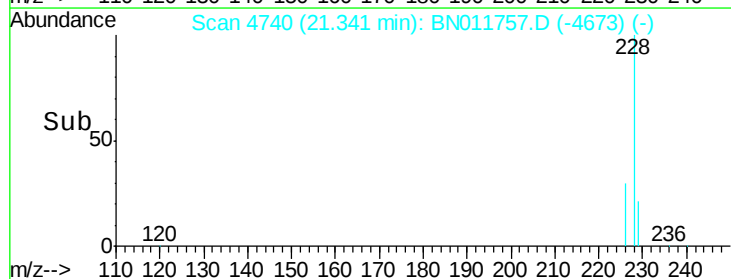
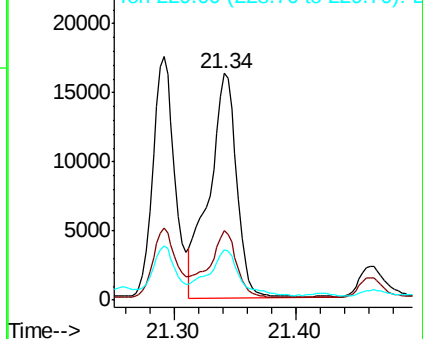
228 100

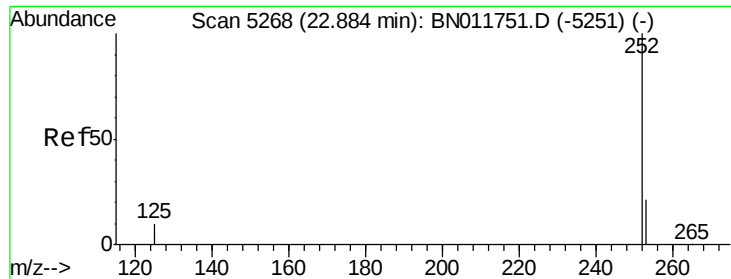
226 30.8 24.6 37.0

229 22.3 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: 1.587 ng/ul

RT: 22.88 min Scan# 5266

Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

ClientSampleId :

C0AD3

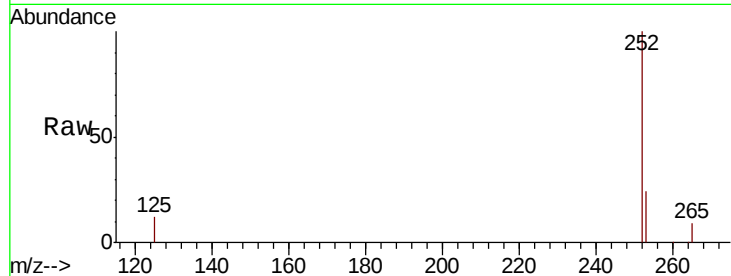
Tot Ion:252 Resp: 74707

Ion Ratio Lower Upper

252 100

253 24.4 0.0 50.6

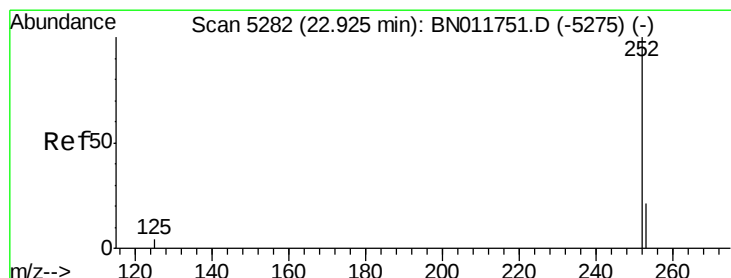
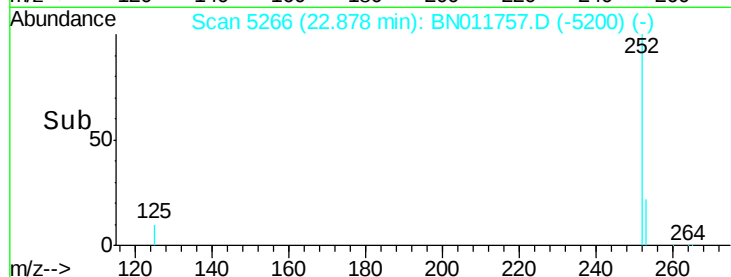
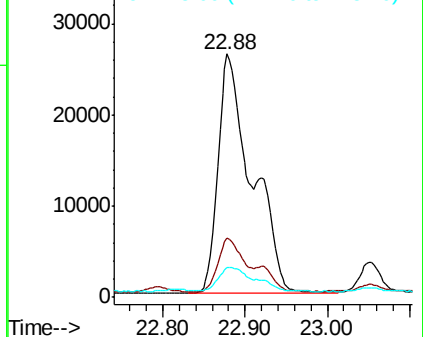
125 12.0 0.0 23.6



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: 1.547 ng/ul

RT: 22.88 min Scan# 5266

Delta R.T. -0.05 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

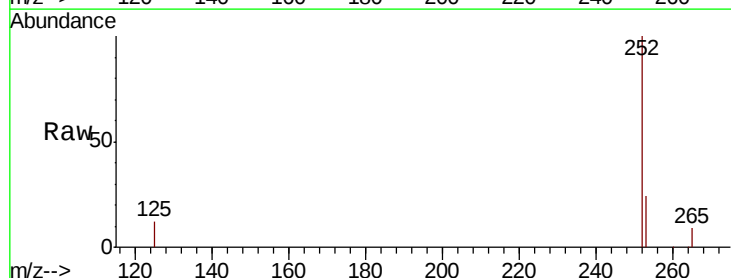
Tgt Ion:252 Resp: 74707

Ion Ratio Lower Upper

252 100

253 24.4 20.7 31.1

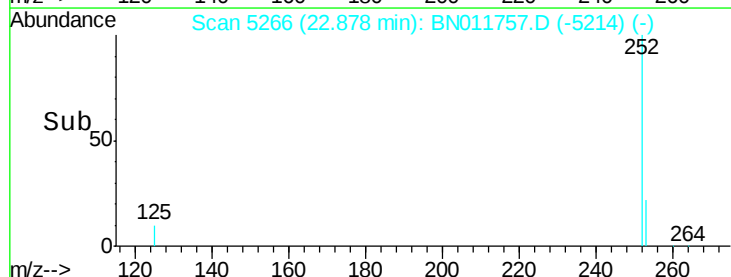
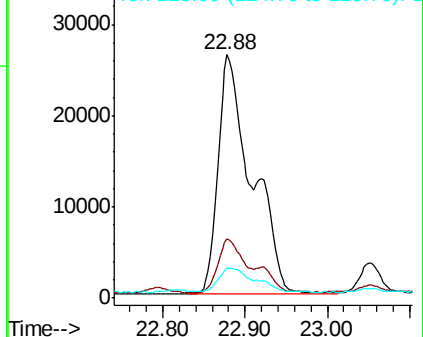
125 12.0 9.7 14.5

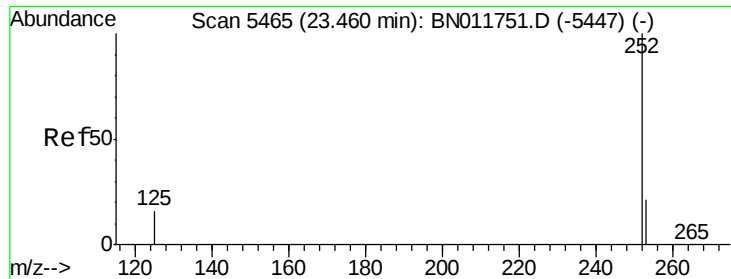


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.716 ng/ul

RT: 23.46 min Scan# 5464

Delta R.T. -0.00 min

Lab File: BN011757.D

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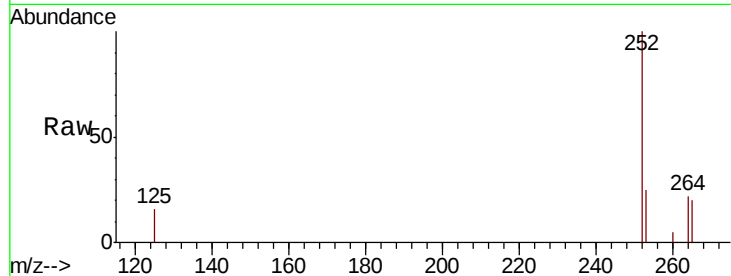
Tot Ion:252 Resp: 29094

Ion Ratio Lower Upper

252 100

253 25.3 21.6 32.4

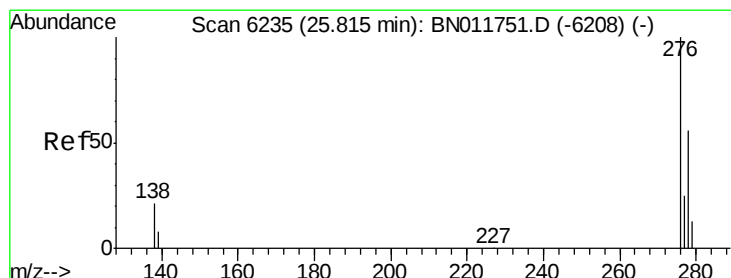
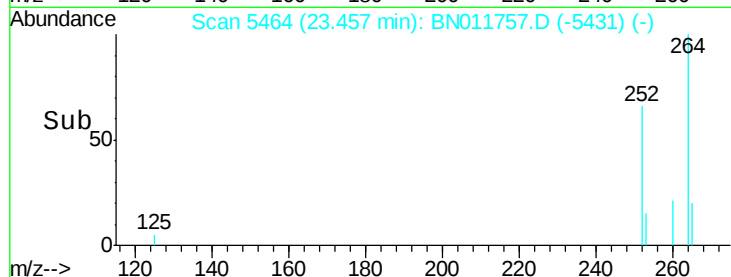
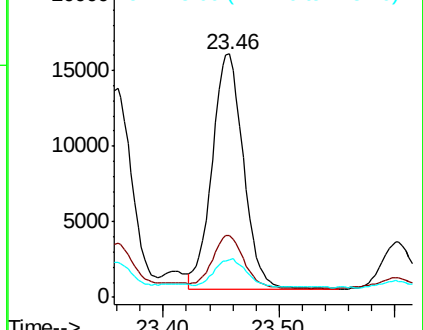
125 15.5 12.6 18.8



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: 0.360 ng/ul

RT: 25.81 min Scan# 6233

Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

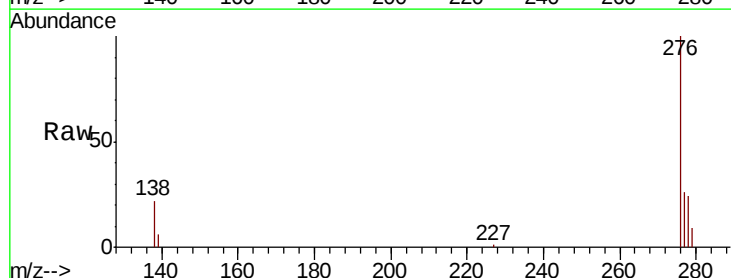
Tgt Ion:276 Resp: 19225

Ion Ratio Lower Upper

276 100

138 19.2 0.0 0.0#

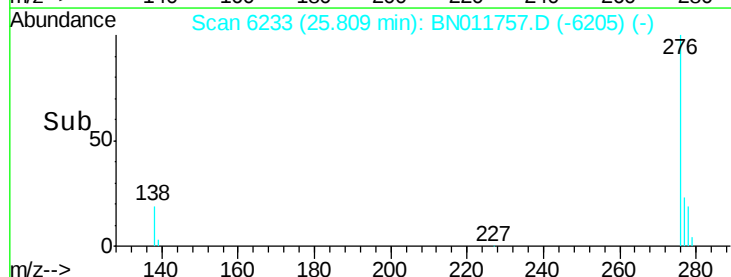
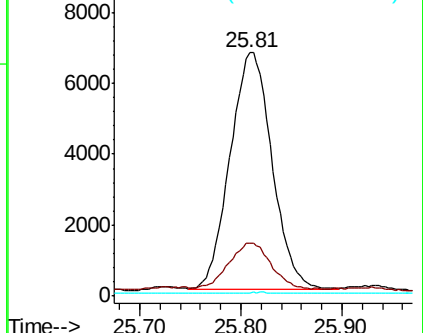
227 0.1 0.1 0.1

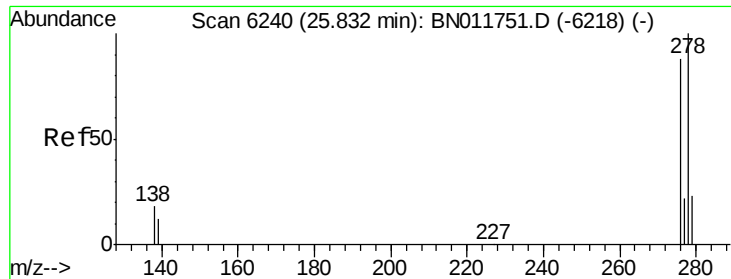


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.129 ng/ul

RT: 25.82 min Scan# 6237

Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

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BNA_N

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C0AD3

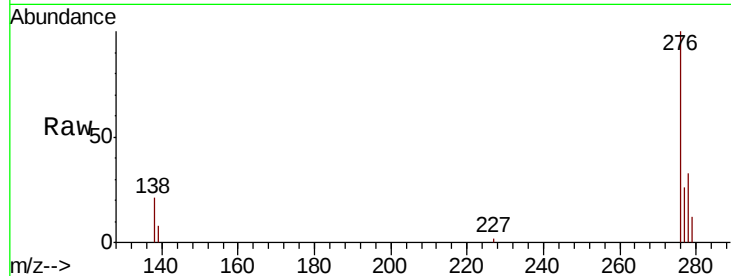
Tot Ion:278 Resp: 5620

Ion Ratio Lower Upper

278 100

139 22.7 12.4 18.6#

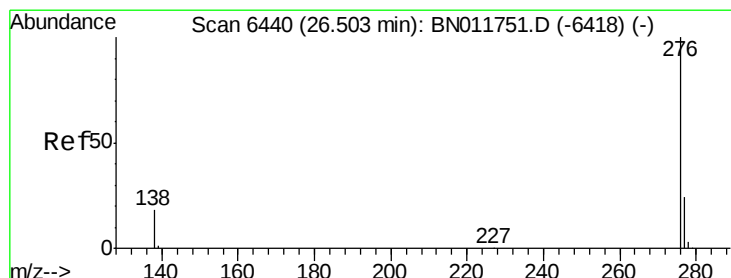
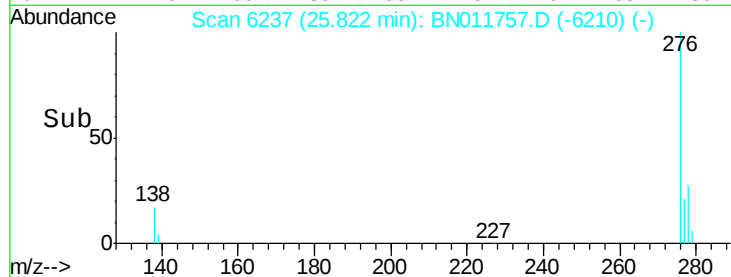
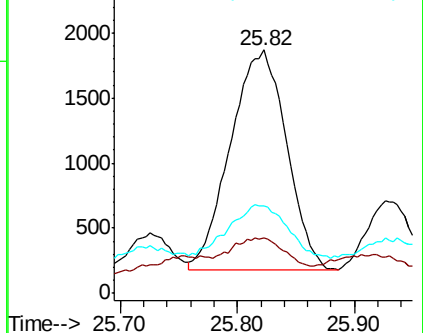
279 35.8 21.8 32.6#



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: 0.346 ng/ul

RT: 26.50 min Scan# 6439

Delta R.T. -0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

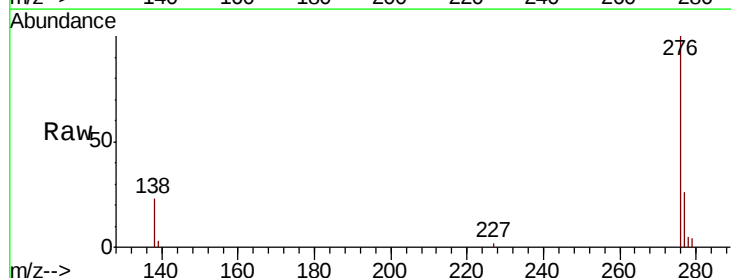
Tgt Ion:276 Resp: 16151

Ion Ratio Lower Upper

276 100

138 23.0 14.7 22.1#

277 26.0 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

