

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011726.D
 Acq On : 05 Sep 2020 06:48
 Operator : CG/JU
 Sample : L3843-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 07:20:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3286	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13260	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	8320	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	17874	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	15862	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	15018	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4914	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11781	0.23	ng/ul	0.00

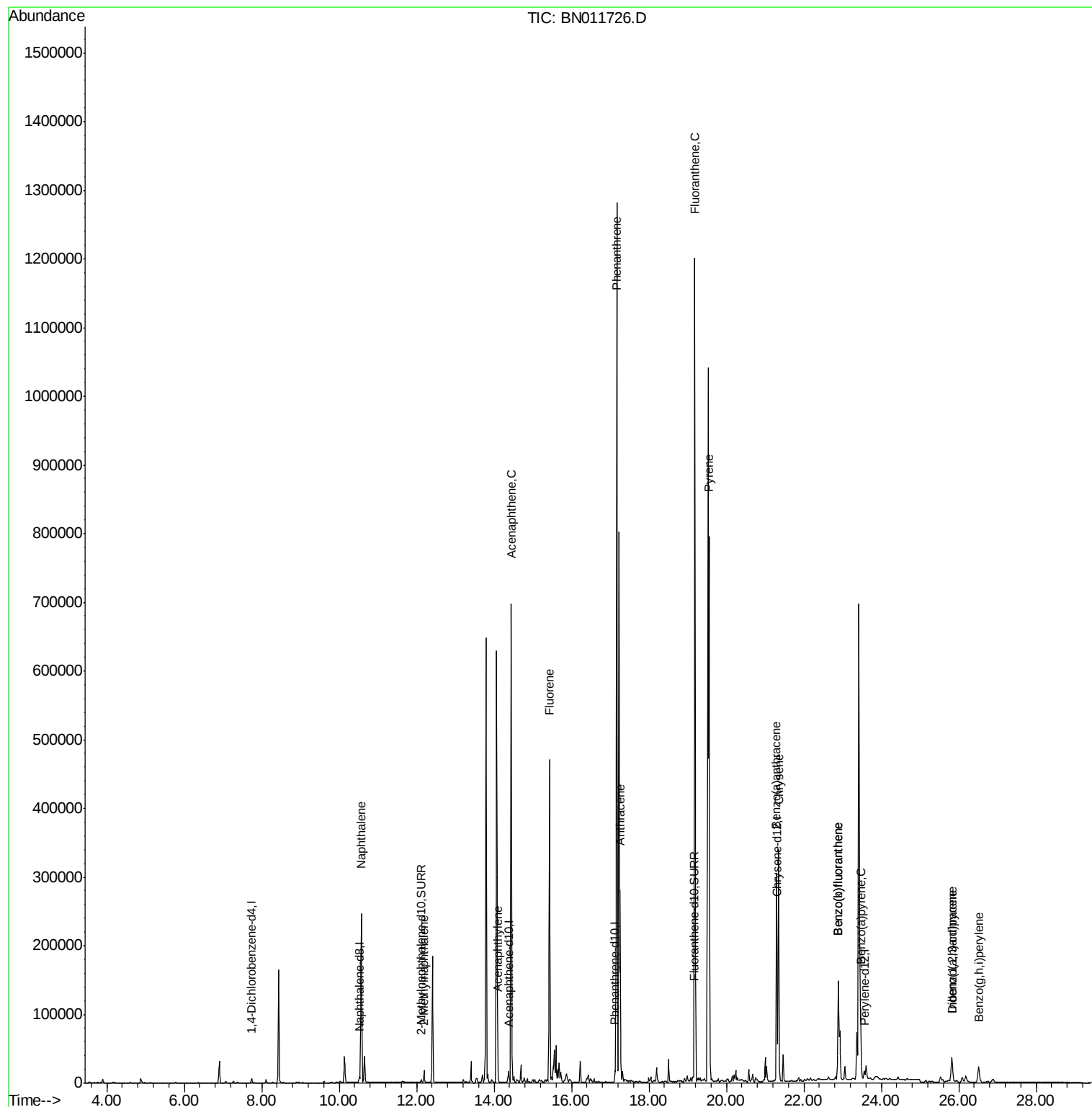
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	325458	8.420	ng/ul	96
5) 2-Methylnaphthalene	12.19	142	11855	0.485	ng/ul	98
7) Acenaphthylene	14.10	152	10920	0.261	ng/ul#	86
8) Acenaphthene	14.44	153	387435	11.883	ng/ul	97
9) Fluorene	15.43	166	281096	7.315	ng/ul	99
12) Phenanthrene	17.16	178	1309355	21.653	ng/ul	96
13) Anthracene	17.25	178	280432	5.638	ng/ul	96
15) Fluoranthene	19.18	202	1014603	14.587	ng/ul	96
17) Pyrene	19.55	202	675107	10.889	ng/ul#	96
18) Benzo(a)anthracene	21.29	228	253112	4.756	ng/ul	98
19) Chrysene	21.35	228	305091	4.251	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	306852	4.701	ng/ul	93
22) Benzo(k)fluoranthene	22.89	252	306852	4.252	ng/ul	93
23) Benzo(a)pyrene	23.46	252	129608	2.363	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.82	276	58045	0.783	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.83	278	18279	0.302	ng/ul#	96
26) Benzo(a,h,i)perylene	26.51	276	47973	0.691	ng/ul	98

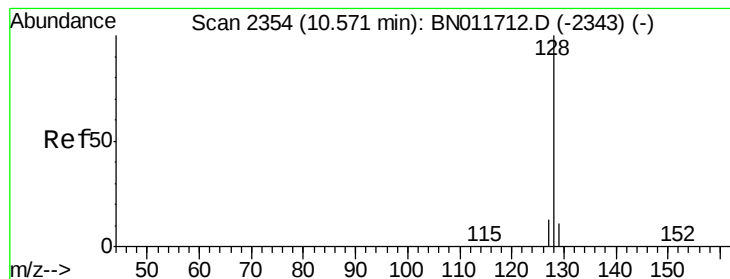
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011726.D
Acq On : 05 Sep 2020 06:48
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 05 07:20:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 8.420 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

Instrument :

BNA_N

ClientSampleId :

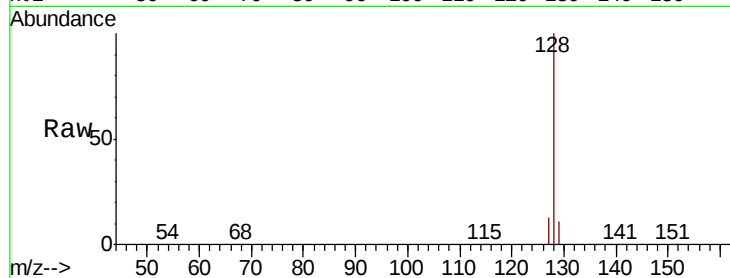
Tot Ion:128 Resp: 325458

Ion Ratio Lower Upper

128 100

129 11.0 10.4 15.6

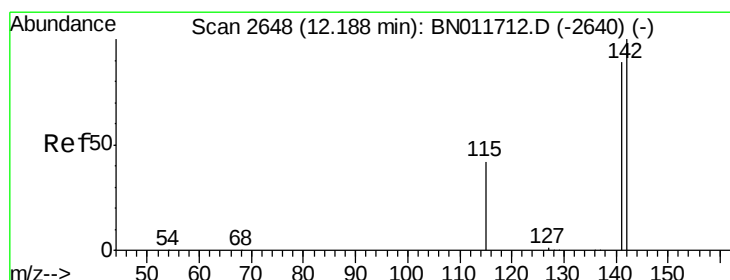
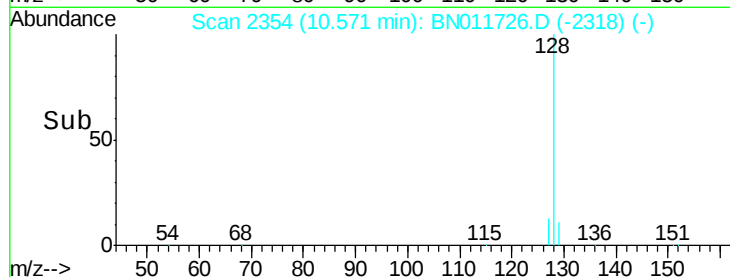
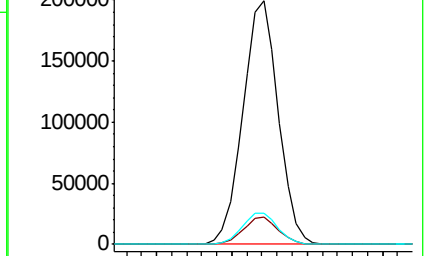
127 12.8 11.4 17.0



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: 0.485 ng/ul

RT: 12.19 min Scan# 2648

Delta R.T. 0.00 min

Lab File: BN011726.D

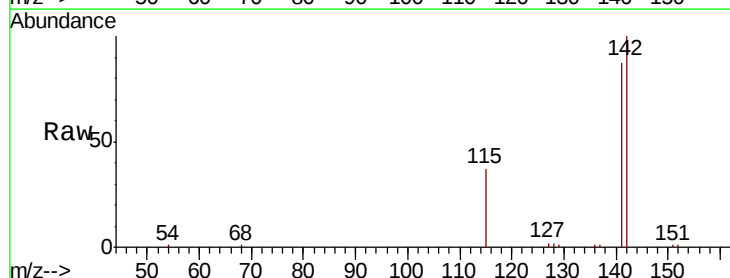
Acq: 05 Sep 2020 06:48

Tgt Ion:142 Resp: 11855

Ion Ratio Lower Upper

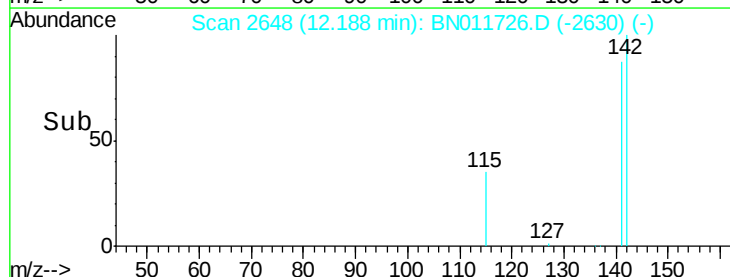
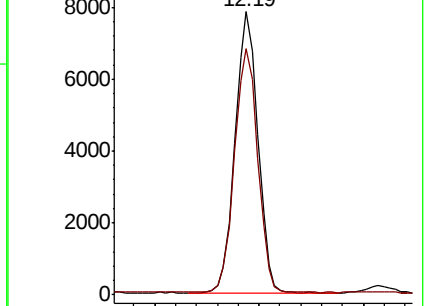
142 100

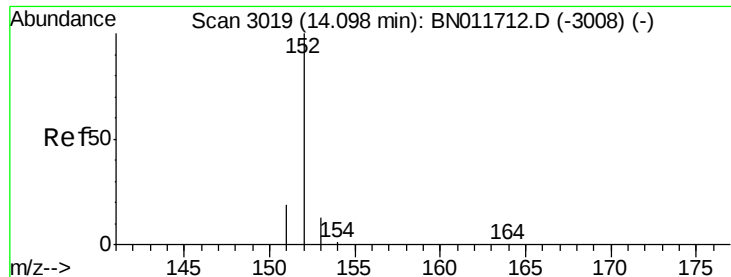
141 88.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.261 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

Instrument :

BNA_N

ClientSampleId :

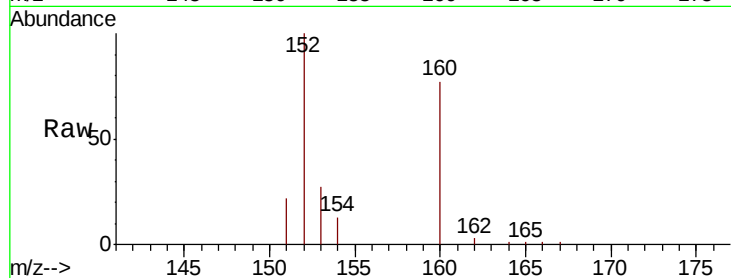
Tot Ion:152 Resp: 10920

Ion Ratio Lower Upper

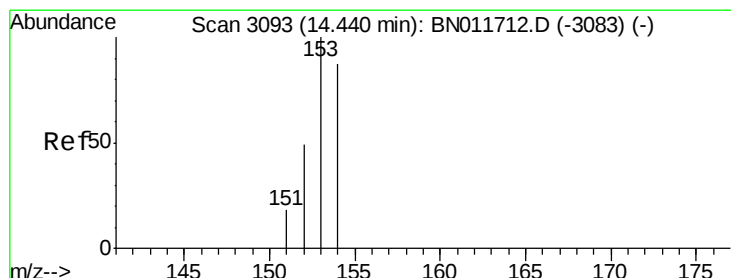
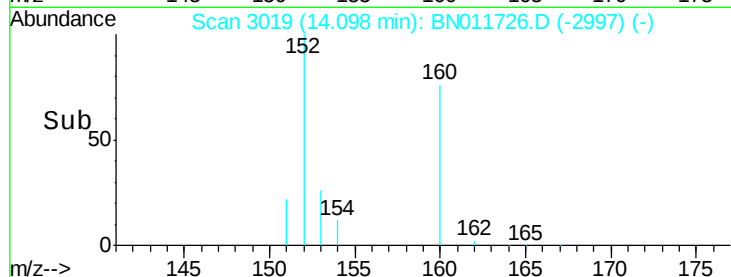
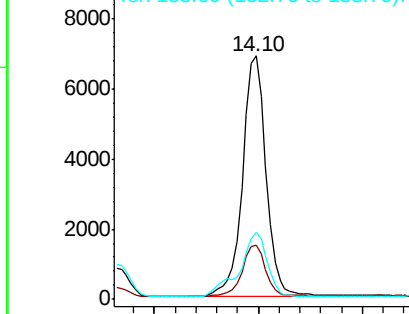
152 100

151 22.4 16.7 25.1

153 27.4 12.3 18.5#



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: 11.883 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

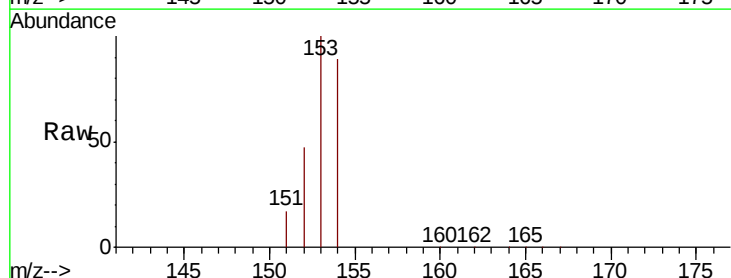
Tgt Ion:153 Resp: 387435

Ion Ratio Lower Upper

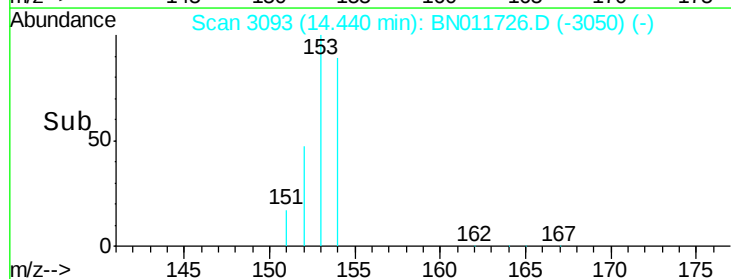
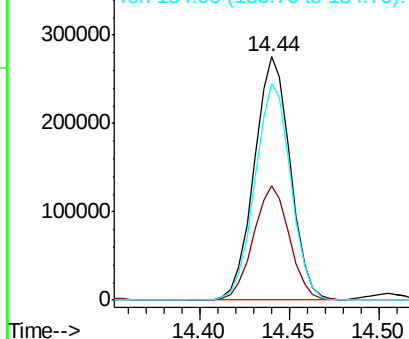
153 100

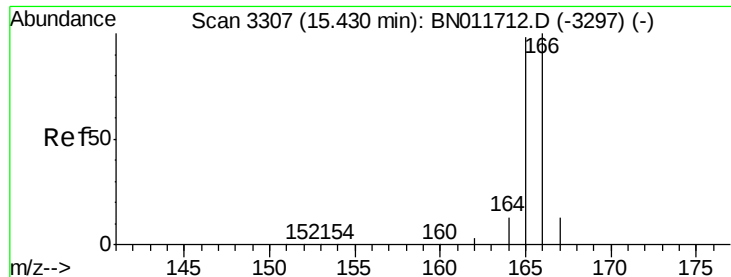
152 46.8 41.0 61.6

154 88.9 70.2 105.2



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

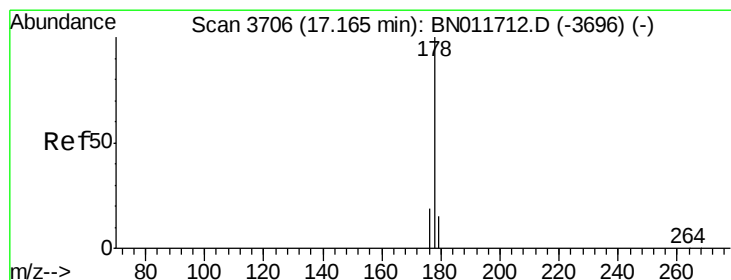
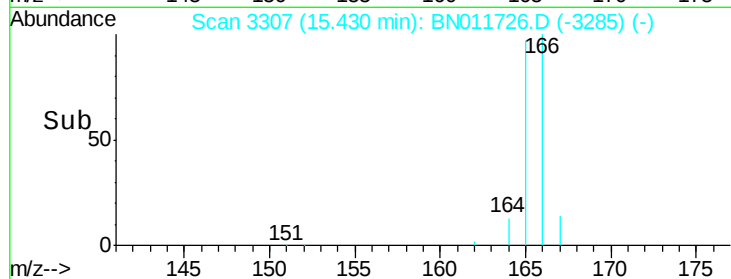
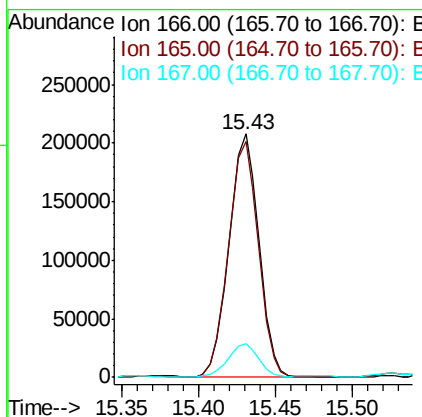
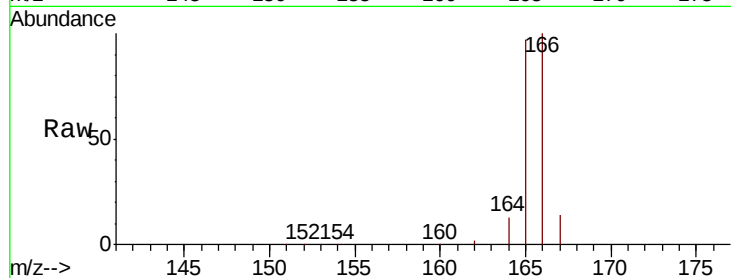




#9
Fluorene
 Concen: 7.315 ng/ul
 RT: 15.43 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BN011726.D
 Acq: 05 Sep 2020 06:48

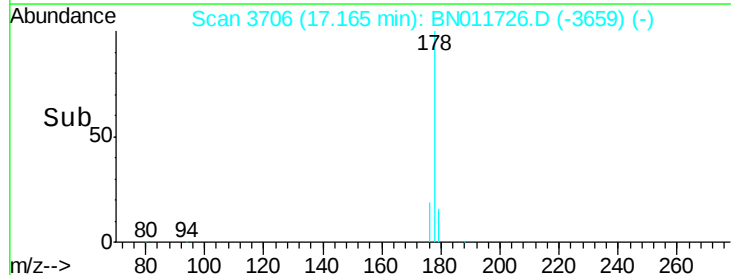
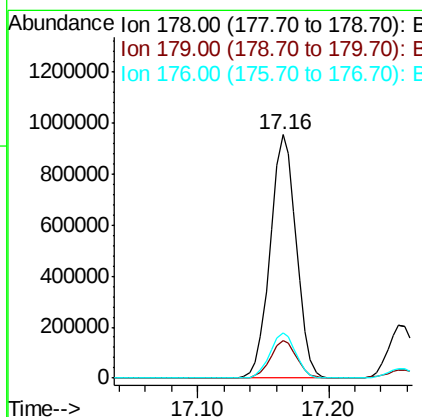
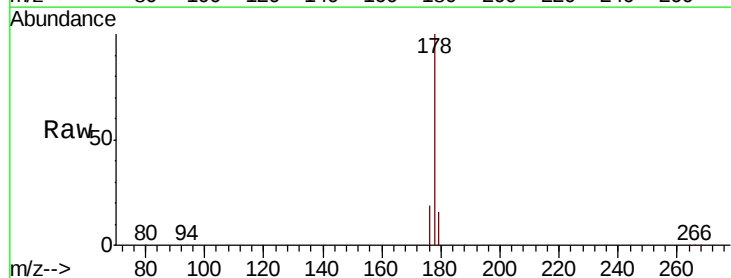
Instrument :
 BNA_N
 ClientSampleId :

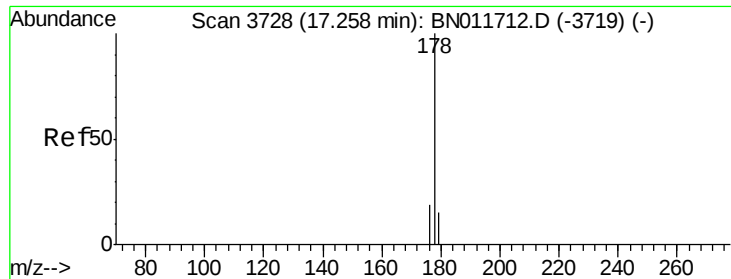
Tot Ion:166 Resp: 281096
 Ion Ratio Lower Upper
 166 100
 165 96.8 77.7 116.5
 167 13.9 12.5 18.7



#12
Phenanthrene
 Concen: 21.653 ng/ul
 RT: 17.16 min Scan# 3706
 Delta R.T. 0.00 min
 Lab File: BN011726.D
 Acq: 05 Sep 2020 06:48

Tgt Ion:178 Resp: 1309355
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.8 20.8
 176 18.6 16.3 24.5





#13

Anthracene

Concen: 5.638 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

Instrument :

BNA_N

ClientSampleId :

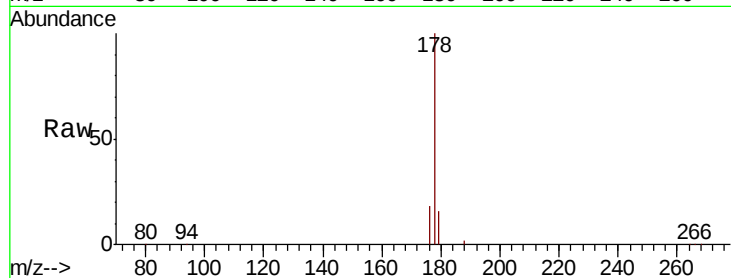
Tot Ion:178 Resp: 280432

Ion Ratio Lower Upper

178 100

179 15.9 14.2 21.2

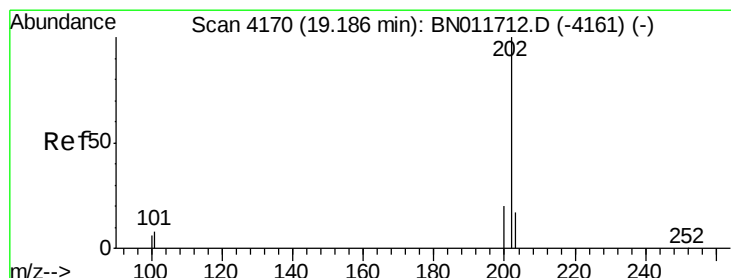
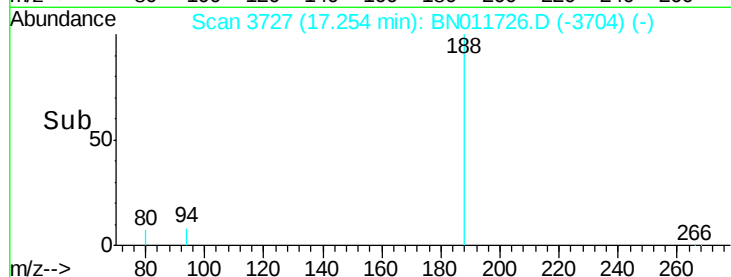
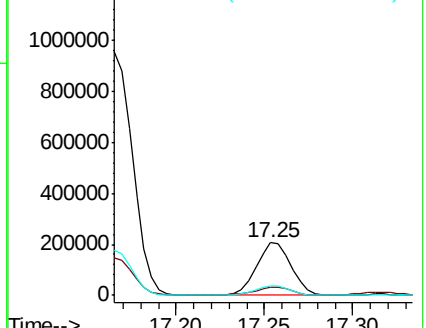
176 18.2 15.8 23.8



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: 14.587 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

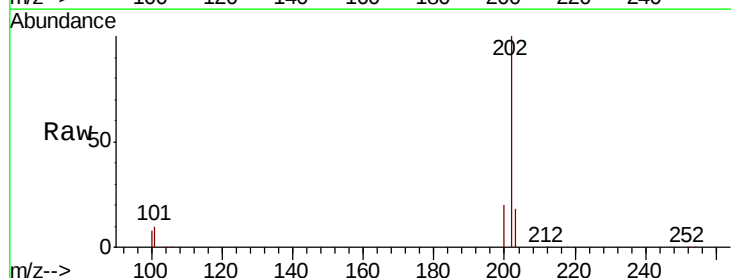
Tgt Ion:202 Resp: 1014603

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.3

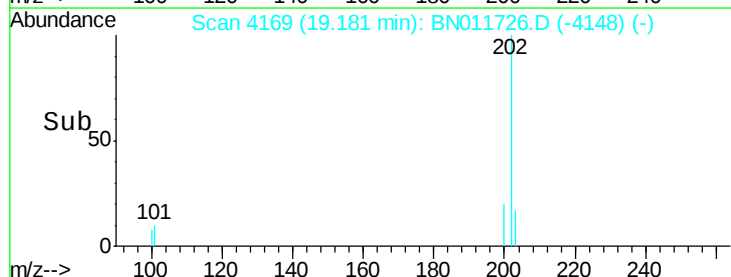
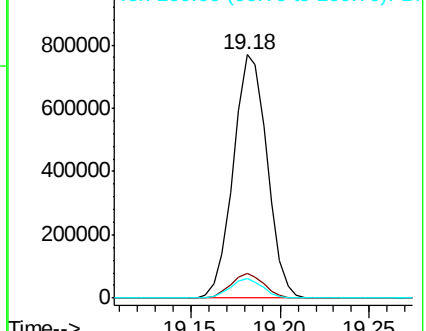
100 7.8 0.0 27.1

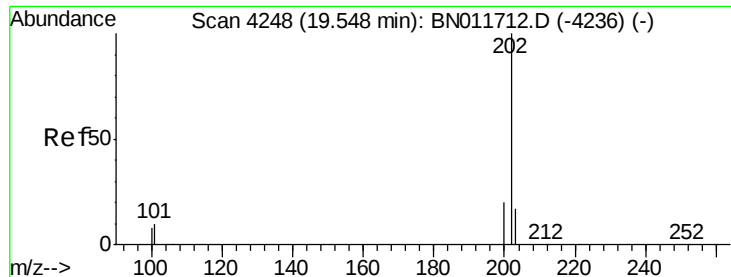


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

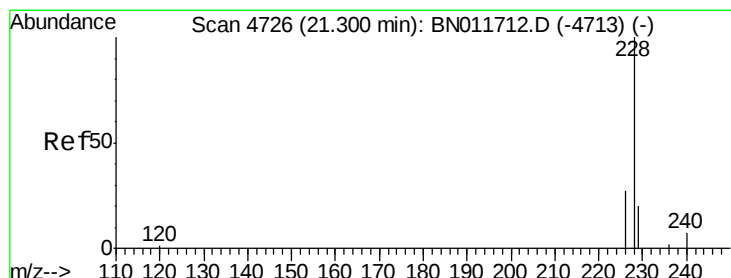
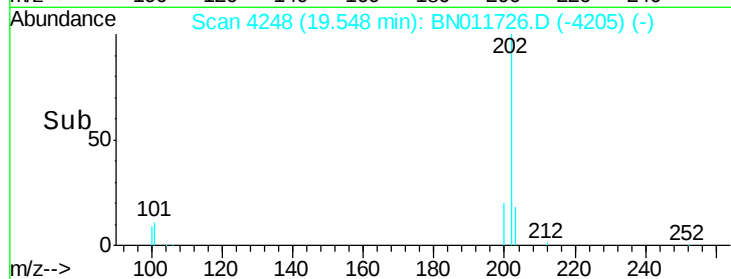
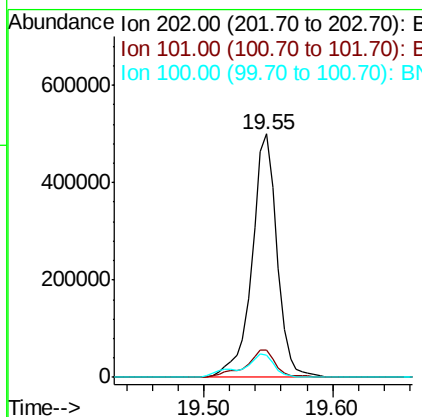
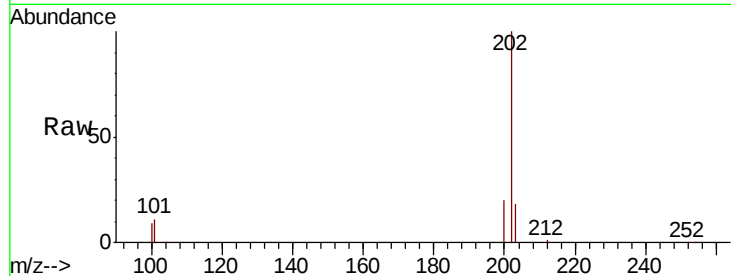




#17
Pvrene
Concen: 10.889 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

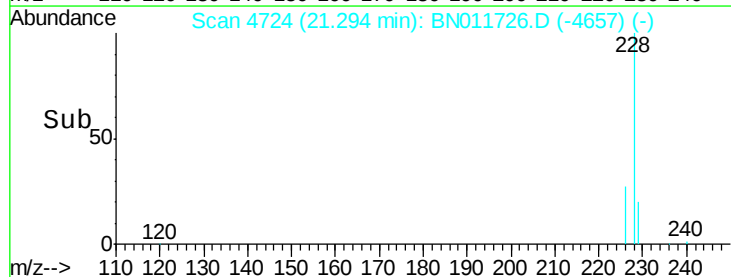
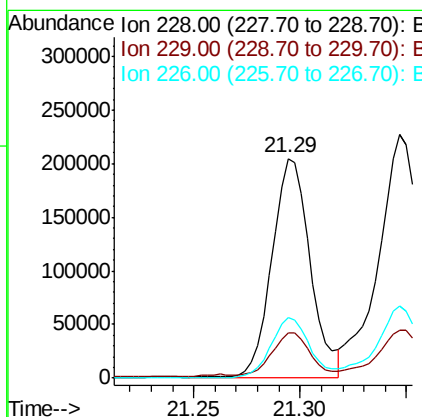
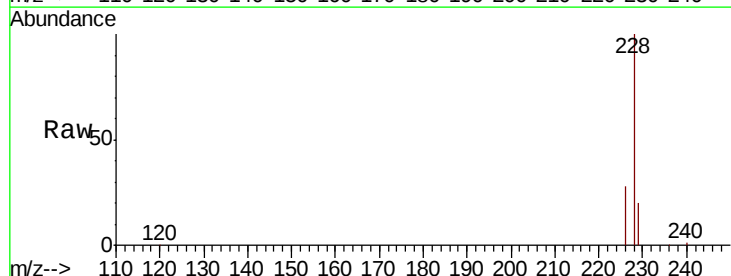
Instrument :
BNA_N
ClientSampleId :

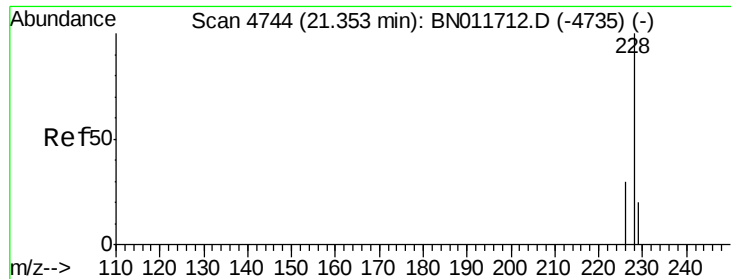
Tot Ion:202 Resp: 675107
Ion Ratio Lower Upper
202 100
101 11.1 7.3 10.9#
100 9.0 6.7 10.1



#18
Benzo(a)anthracene
Concen: 4.756 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:228 Resp: 253112
Ion Ratio Lower Upper
228 100
229 20.4 16.7 25.1
226 27.6 22.9 34.3





#19

Chrysene

Concen: 4.251 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

Instrument :

BNA_N

ClientSampleId :

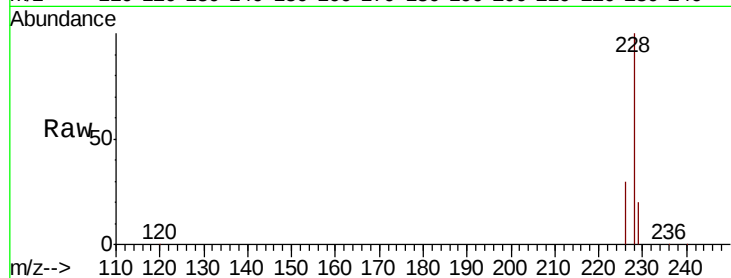
Tot Ion:228 Resp: 305091

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

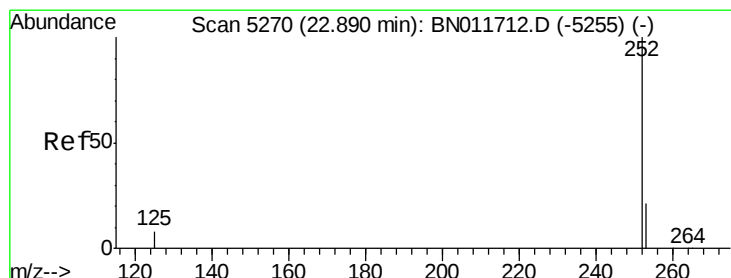
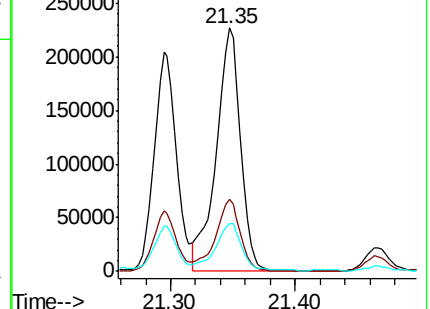
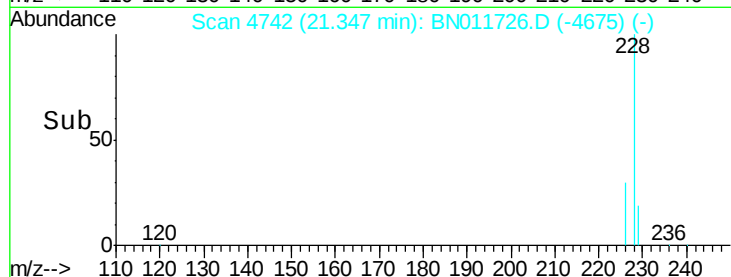
229 19.8 16.4 24.6



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: 4.701 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.00 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

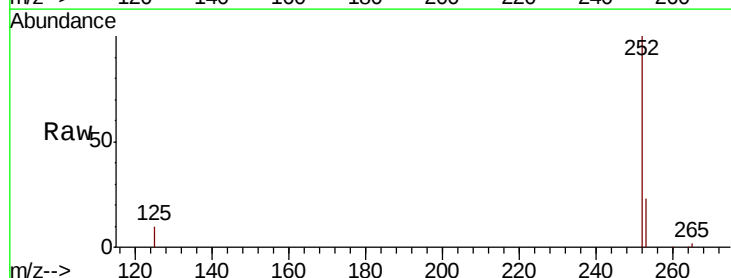
Tgt Ion:252 Resp: 306852

Ion Ratio Lower Upper

252 100

253 22.9 0.0 54.8

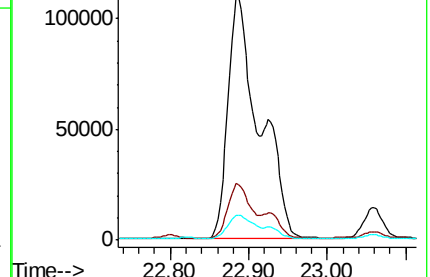
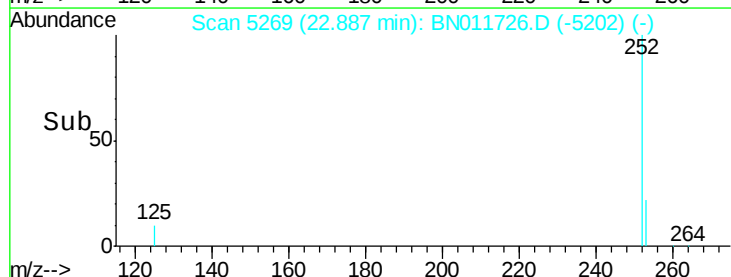
125 10.2 0.0 22.2

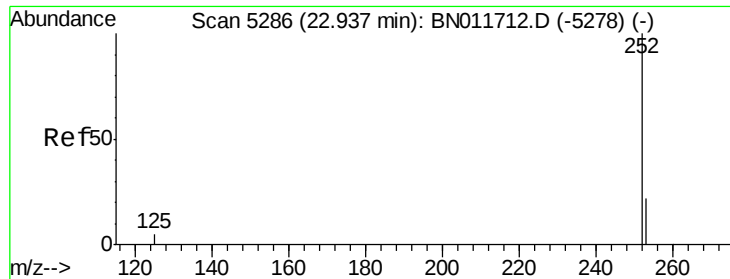


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.252 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.05 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

Instrument :

BNA_N

ClientSampleId :

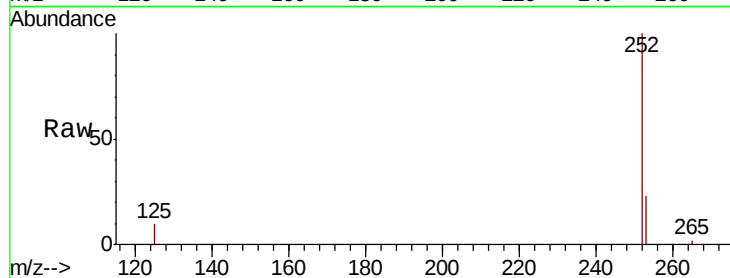
Tot Ion:252 Resp: 306852

Ion Ratio Lower Upper

252 100

253 22.9 21.8 32.6

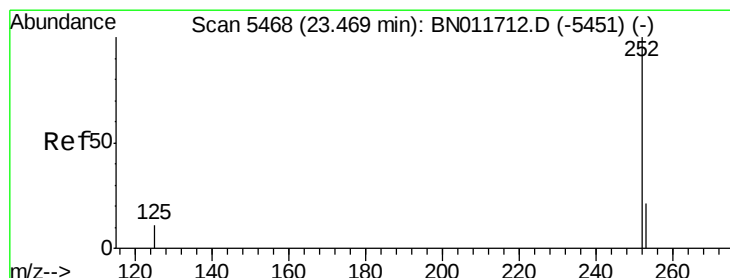
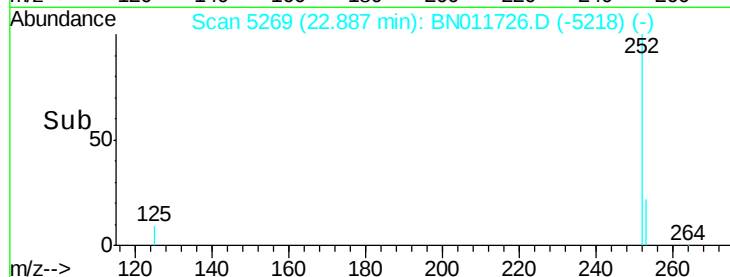
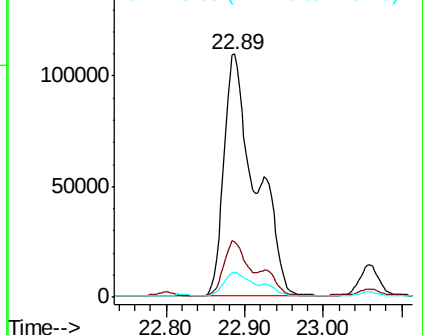
125 10.2 9.1 13.7



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: 2.363 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011726.D

Acq: 05 Sep 2020 06:48

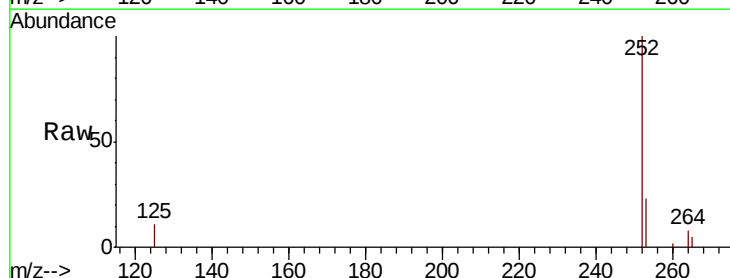
Tgt Ion:252 Resp: 129608

Ion Ratio Lower Upper

252 100

253 22.5 24.4 36.6#

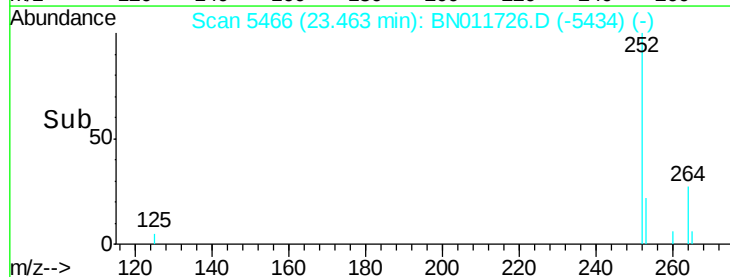
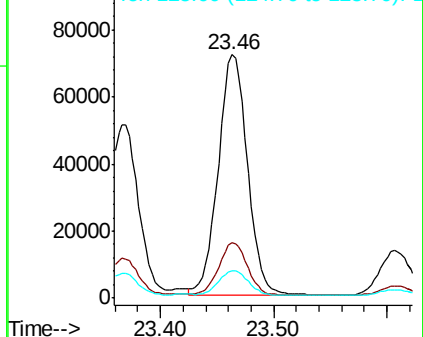
125 11.4 11.1 16.7

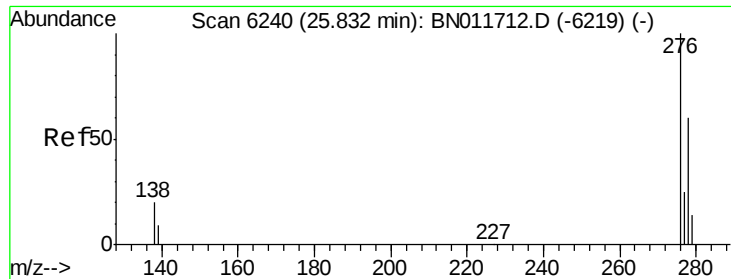


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



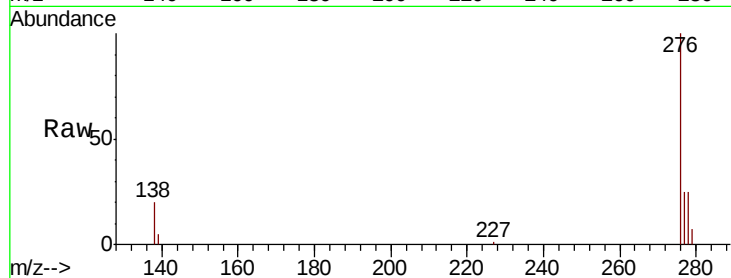


#24

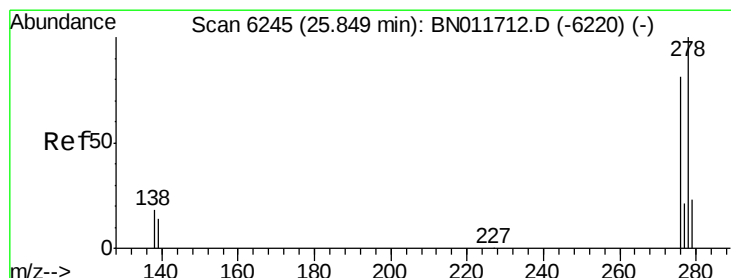
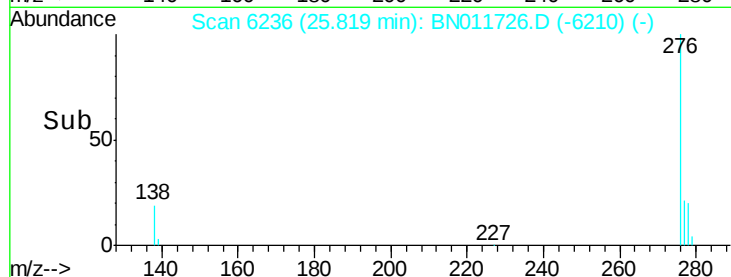
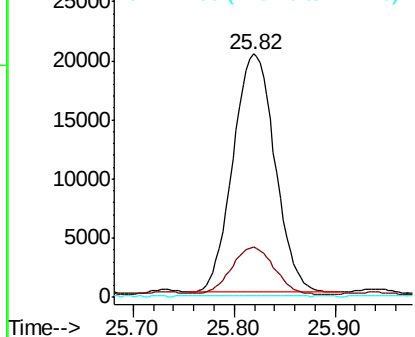
Indeno(1,2,3-cd)pyrene
Concen: 0.783 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 58045
Ion Ratio Lower Upper
276 100
138 20.0 15.8 23.6
227 0.1 0.2 0.2#



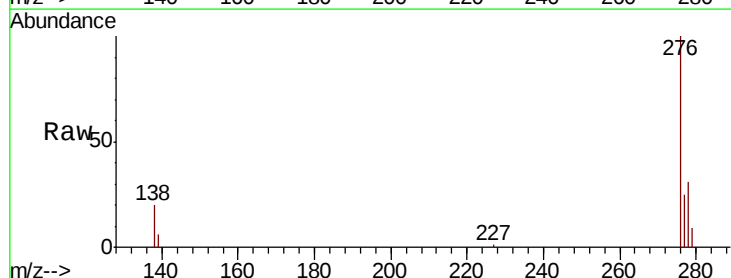
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



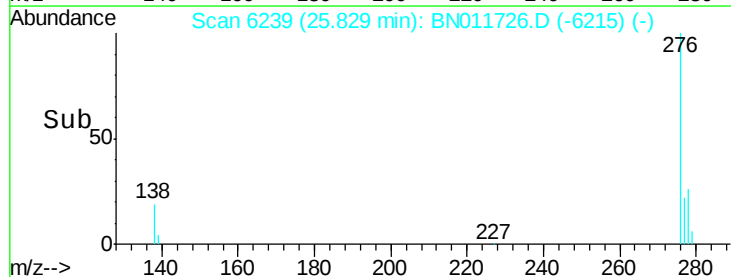
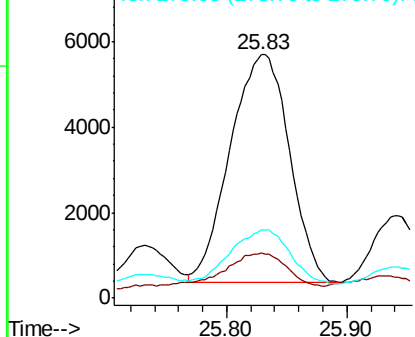
#25

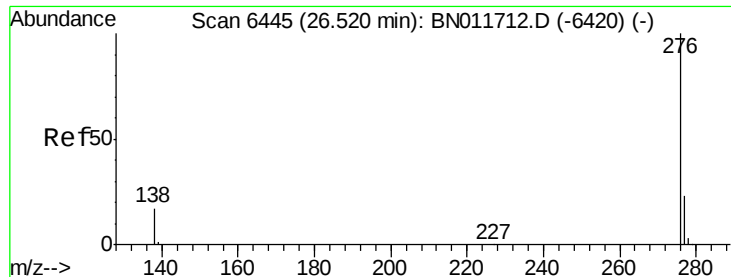
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. -0.02 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:278 Resp: 18279
Ion Ratio Lower Upper
278 100
139 18.5 12.1 18.1#
279 28.0 22.9 34.3



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

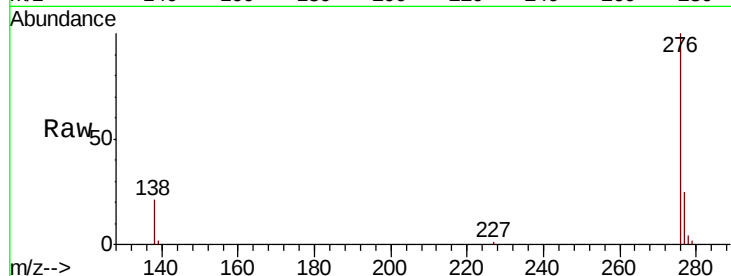




#26
Benzo(a,h,i)perylene
Concen: 0.691 ng/ul
RT: 26.51 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.8	23.6
277	24.5	20.6	31.0



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

