

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011721.D
 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 06:01:58 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

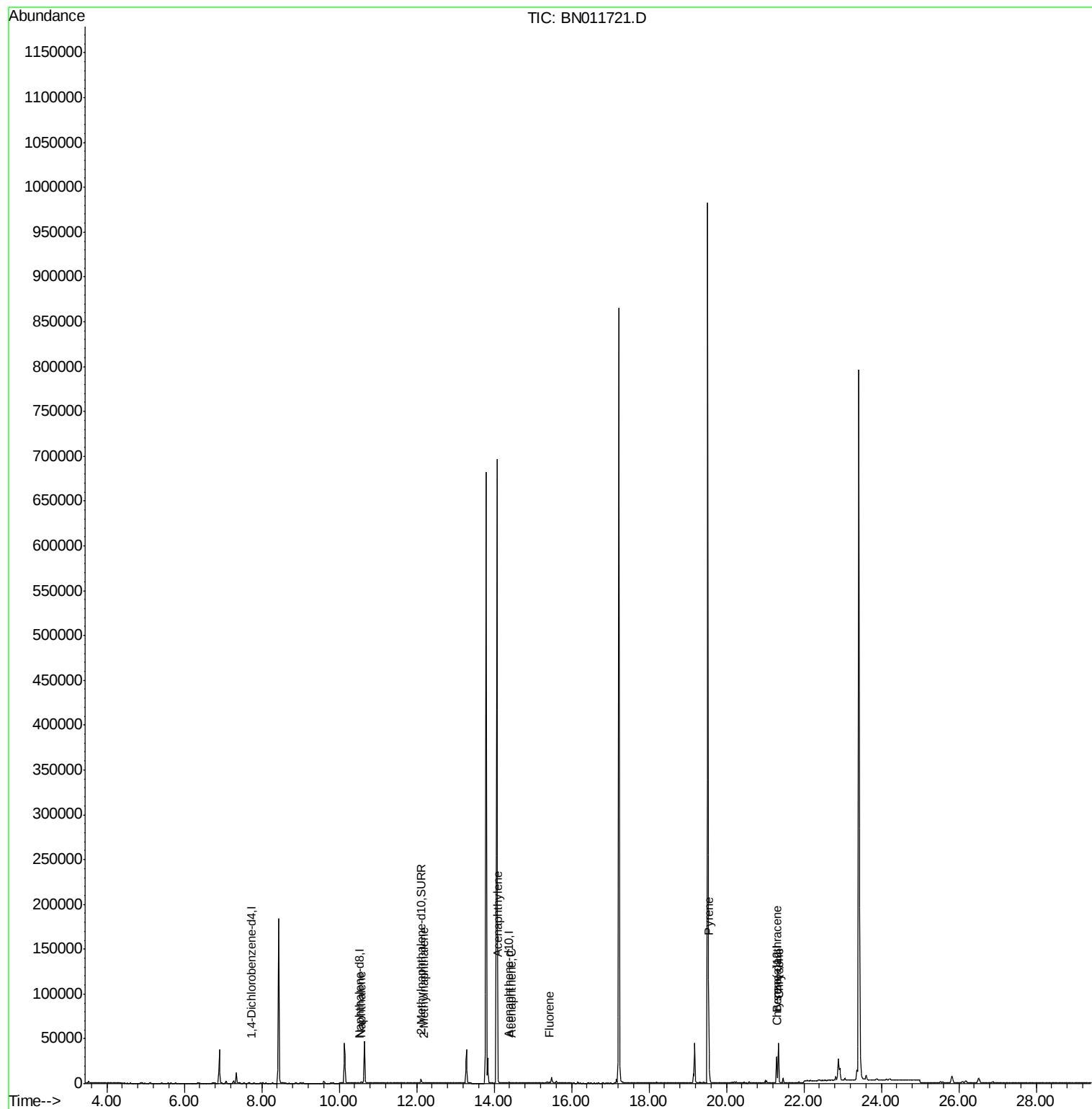
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	95	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	524	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	682	0.40	ng/ul	0.00
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.57
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	5361	39.88	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	10933	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.57	128	1812	6.543	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	291	1.662	ng/ul	95
7) Acenaphthylene	14.10	152	1767	0.670	ng/ul	93
8) Acenaphthene	14.44	153	440	0.214	ng/ul	96
9) Fluorene	15.43	166	686	0.283	ng/ul#	93
17) Pyrene	19.55	202	56844	21.324	ng/ul	98
18) Benzo(a)anthracene	21.30	228	24834	10.853	ng/ul	98
19) Chrysene	21.35	228	39815	12.902	ng/ul	99

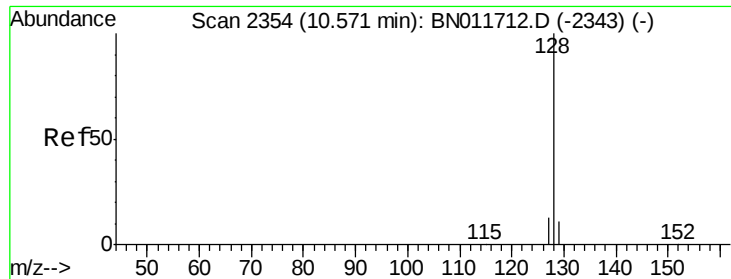
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 05 05:40:34 2020
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#3

Naphthalene

Concen: 6.543 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN011721.D

Acq: 05 Sep 2020 03:48

Instrument :

BNA_N

ClientSampleId :

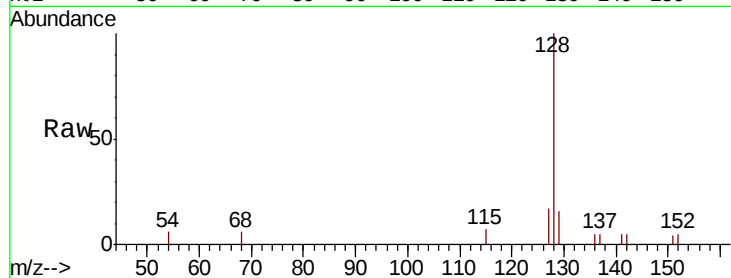
Tot Ion:128 Resp: 1812

Ion Ratio Lower Upper

128 100

129 15.9 10.4 15.6#

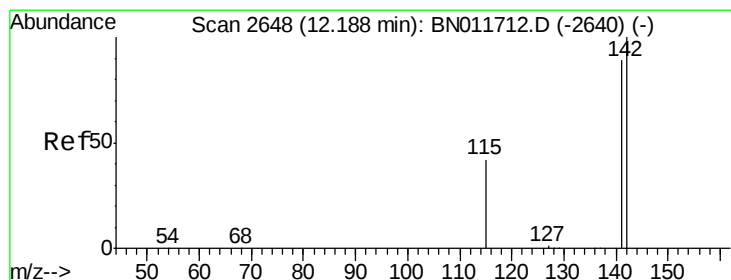
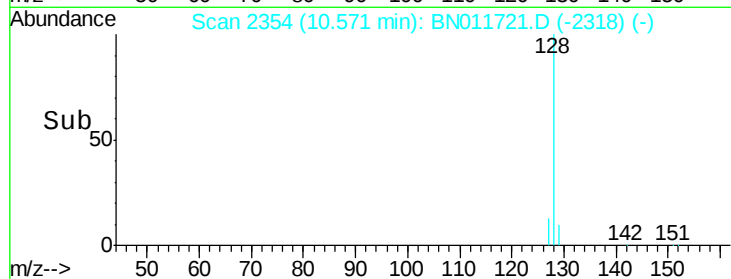
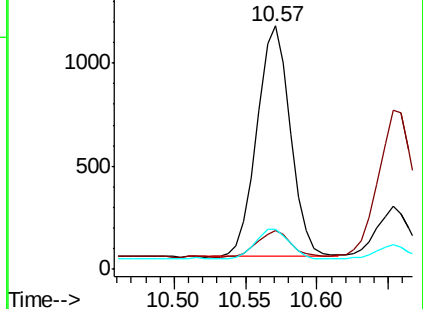
127 16.5 11.4 17.0



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: 1.662 ng/ul

RT: 12.19 min Scan# 2648

Delta R.T. -0.00 min

Lab File: BN011721.D

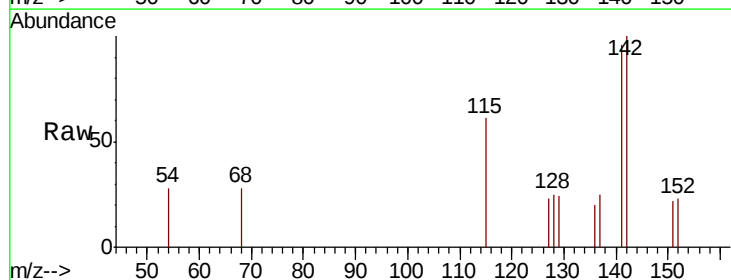
Acq: 05 Sep 2020 03:48

Tgt Ion:142 Resp: 291

Ion Ratio Lower Upper

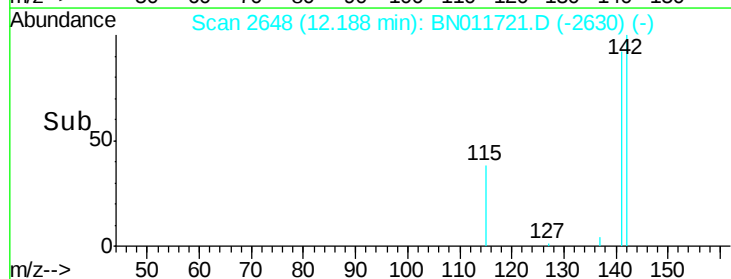
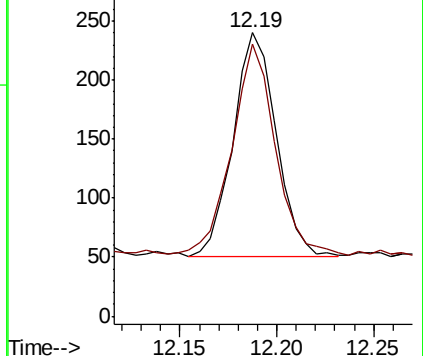
142 100

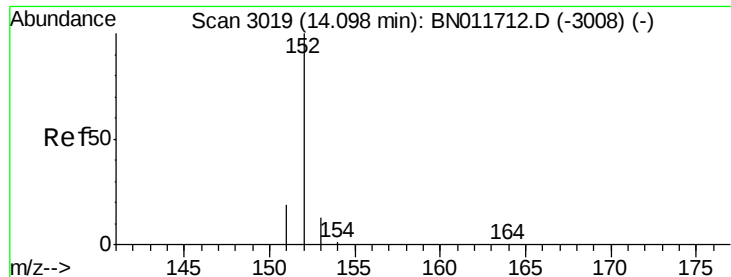
141 95.2 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.670 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. -0.00 min

Lab File: BN011721.D

Acq: 05 Sep 2020 03:48

Instrument :

BNA_N

ClientSampleId :

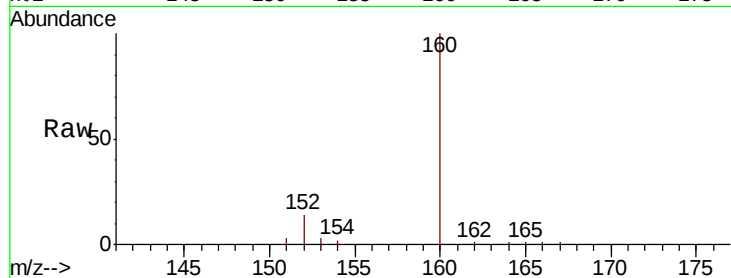
Tot Ion:152 Resp: 1767

Ion Ratio Lower Upper

152 100

151 23.8 16.7 25.1

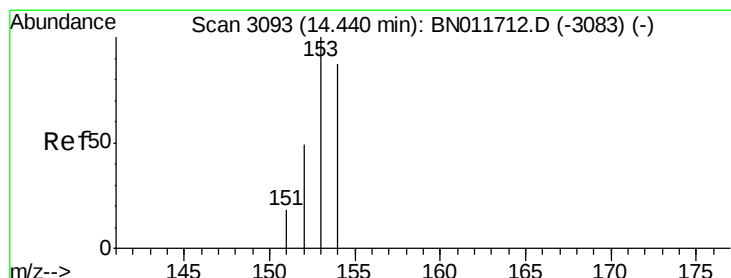
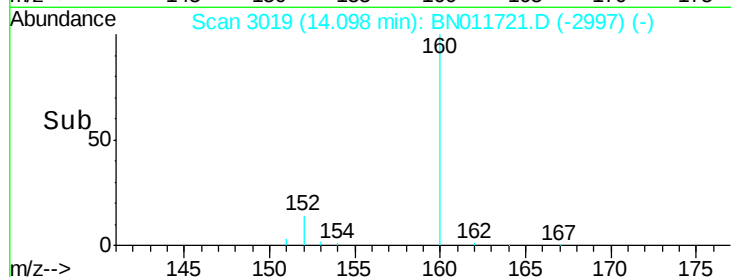
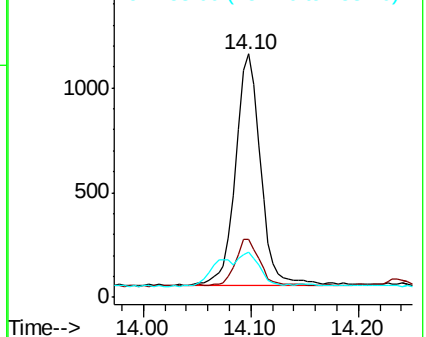
153 18.4 12.3 18.5



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: 0.214 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN011721.D

Acq: 05 Sep 2020 03:48

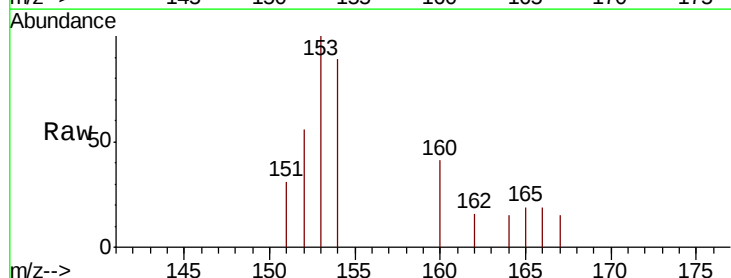
Tgt Ion:153 Resp: 440

Ion Ratio Lower Upper

153 100

152 56.2 41.0 61.6

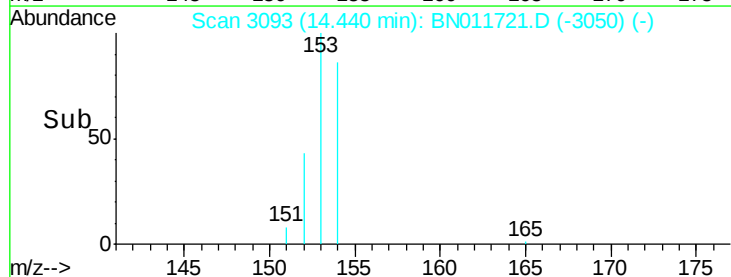
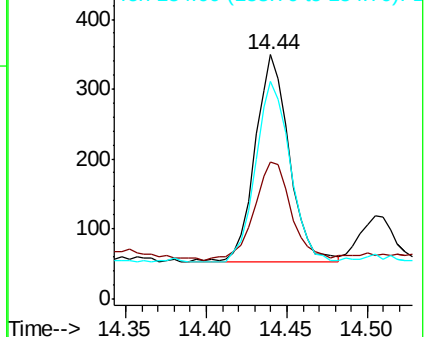
154 89.1 70.2 105.2

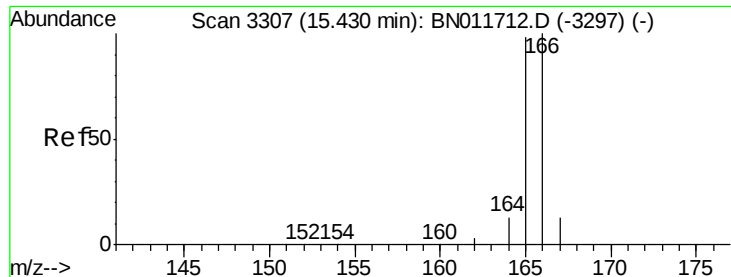


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

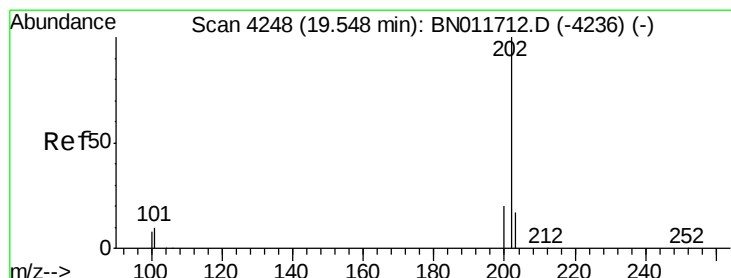
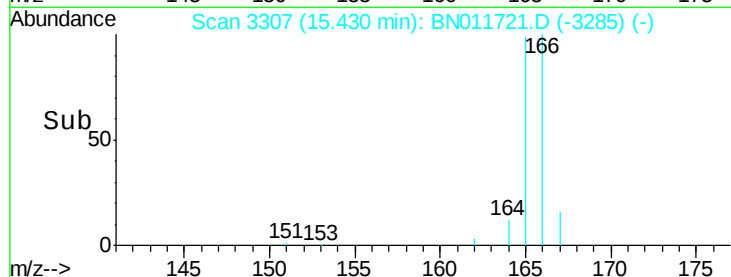
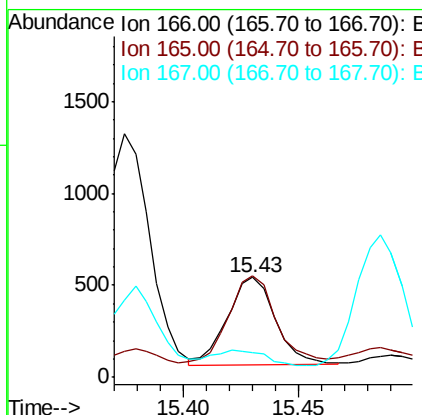
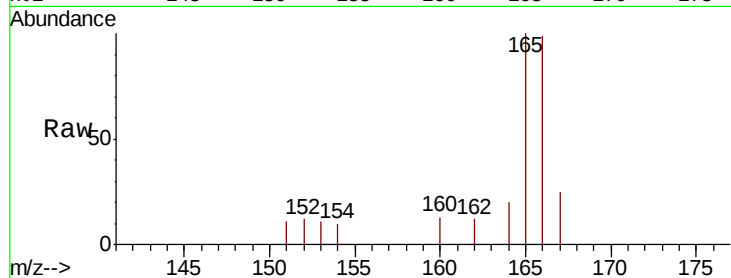




#9
Fluorene
 Concen: 0.283 ng/ul
 RT: 15.43 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BN011721.D
 Acq: 05 Sep 2020 03:48

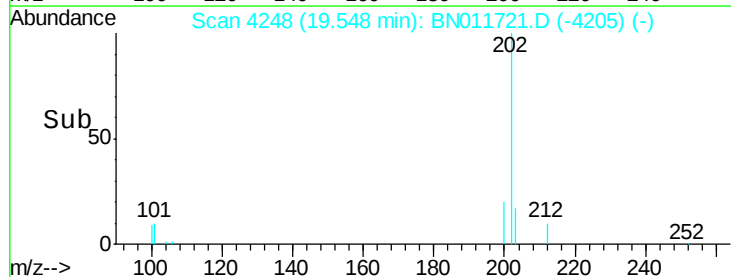
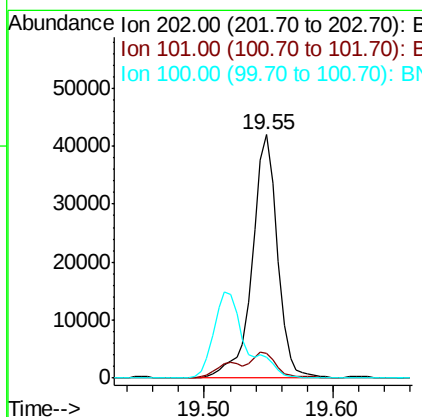
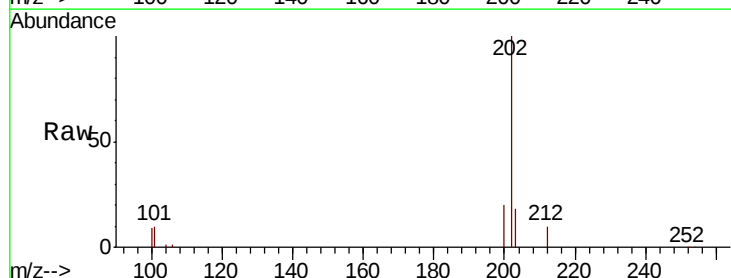
Instrument :
 BNA_N
 ClientSampleId :

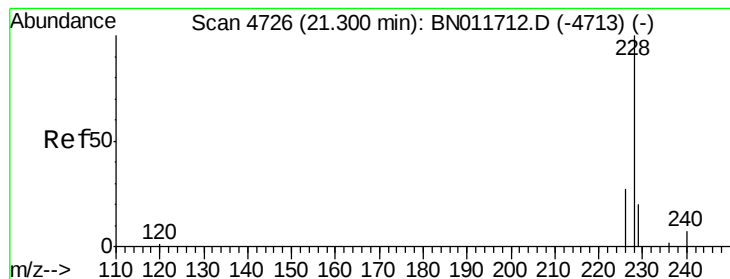
Tot Ion:166 Resp: 686
 Ion Ratio Lower Upper
 166 100
 165 101.1 77.7 116.5
 167 25.0 12.5 18.7#



#17
Pyrene
 Concen: 21.324 ng/ul
 RT: 19.55 min Scan# 4248
 Delta R.T. -0.00 min
 Lab File: BN011721.D
 Acq: 05 Sep 2020 03:48

Tgt Ion:202 Resp: 56844
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.3 10.9
 100 8.7 6.7 10.1





#18

Benzo(a)anthracene

Concen: 10.853 ng/ul

RT: 21.30 min Scan# 4725

Delta R.T. -0.00 min

Lab File: BN011721.D

Acq: 05 Sep 2020 03:48

Instrument :

BNA_N

ClientSampleId :

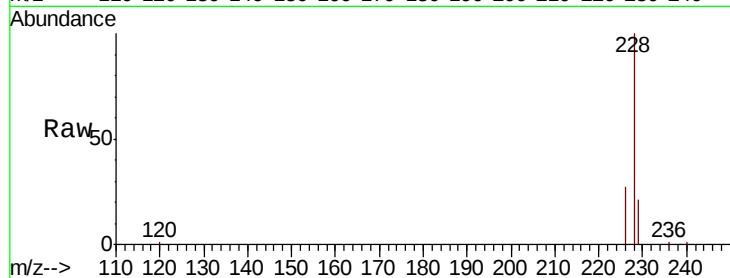
Tot Ion:228 Resp: 24834

Ion Ratio Lower Upper

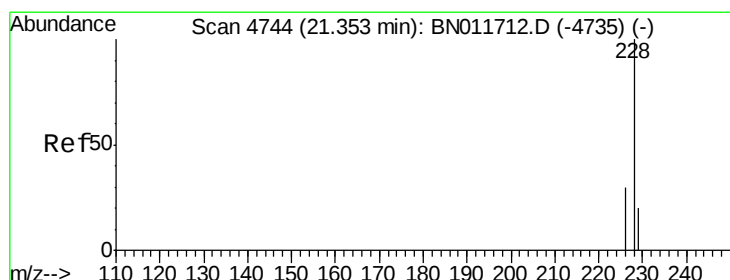
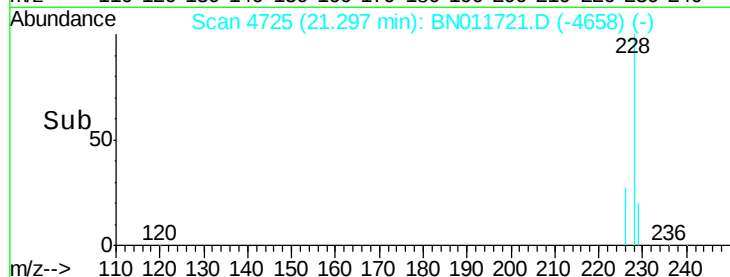
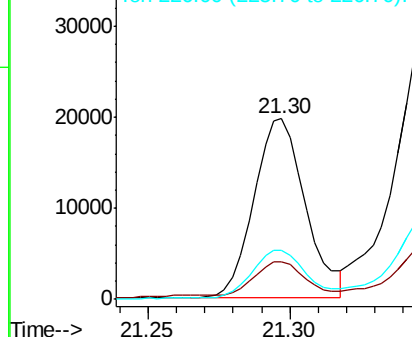
228 100

229 20.8 16.7 25.1

226 27.1 22.9 34.3



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: 12.902 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011721.D

Acq: 05 Sep 2020 03:48

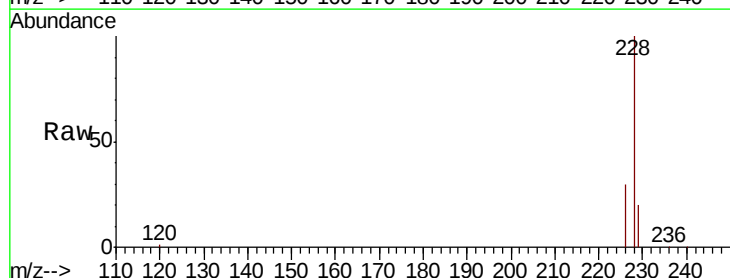
Tgt Ion:228 Resp: 39815

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.1 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

