

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011307.D
 Acq On : 30 Jul 2020 20:29
 Operator : CG/JU
 Sample : L3388-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE0

Quant Time: Jul 31 03:00:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 02:58:38 2020
 Response via : Initial Calibration

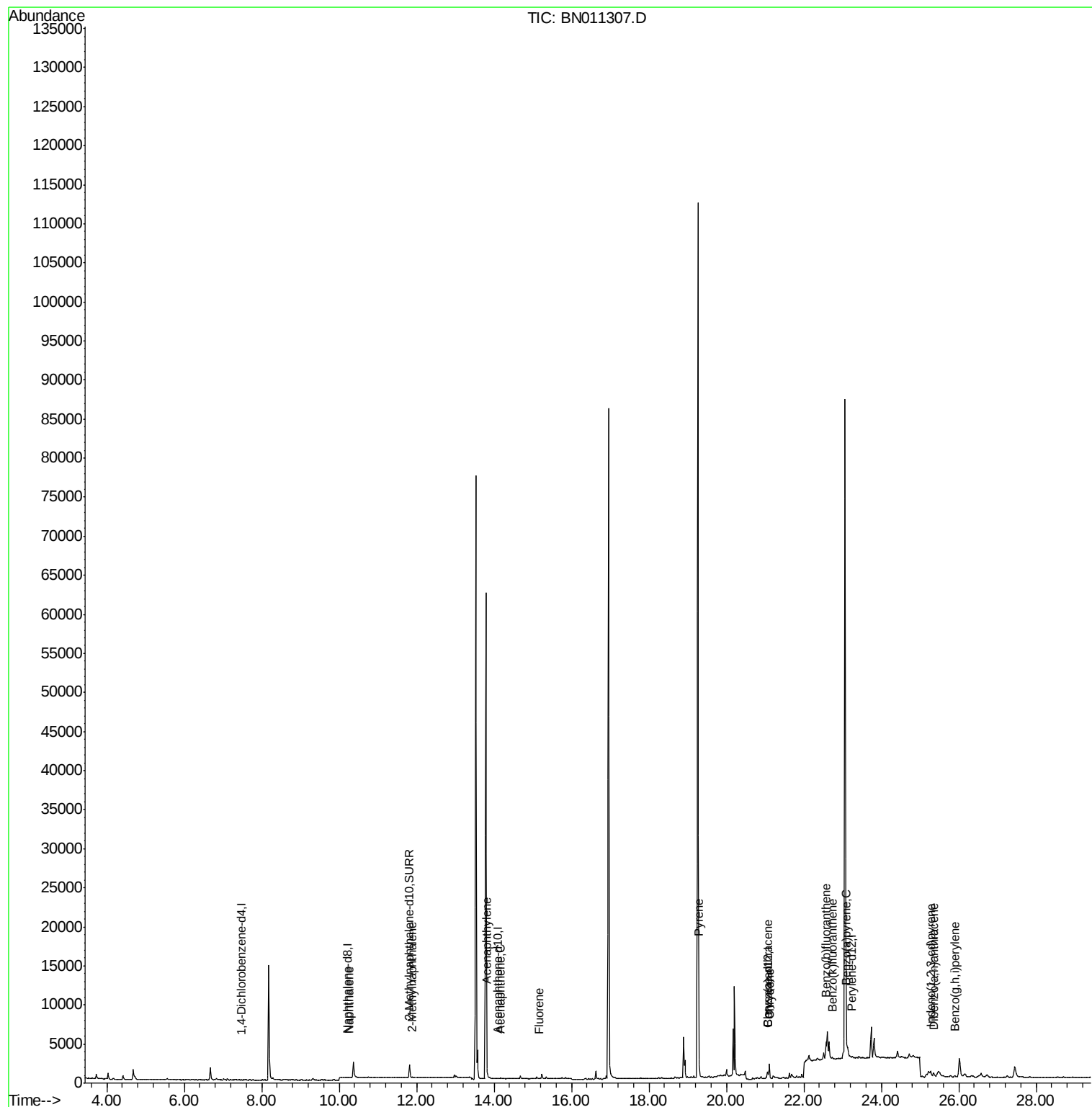
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	5	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	21	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.10	164	40	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.86
16) Chrysene-d12	21.07	240	90	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	17	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2431	45.81	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	6228	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.26	128	78	1.249	ng/ul#	1
5) 2-Methylnaphthalene	11.89	142	72	1.719	ng/ul	99
7) Acenaphthylene	13.82	152	107	0.560	ng/ul#	17
8) Acenaphthene	14.16	153	53	0.349	ng/ul#	76
9) Fluorene	15.16	166	50	0.280	ng/ul#	73
17) Pyrene	19.29	202	1790	4.380	ng/ul#	84
18) Benzo(a)anthracene	21.06	228	757	2.189	ng/ul#	80
19) Chrysene	21.11	228	2038	5.141	ng/ul#	91
21) Benzo(b)fluoranthene	22.57	252	4653	65.578	ng/ul#	57
22) Benzo(k)fluoranthene	22.73	252	223	2.804	ng/ul#	1
23) Benzo(a)pyrene	23.10	252	969	15.709	ng/ul#	7
24) Indeno(1,2,3-cd)pyrene	25.27	276	1031	15.901	ng/ul#	54
25) Dibenzo(a,h)anthracene	25.37	278	75	1.453	ng/ul#	1
26) Benzo(g,h,i)perylene	25.90	276	334	5.701	ng/ul#	12

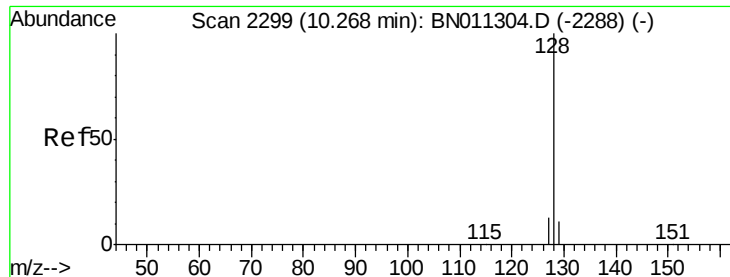
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011307.D
Acq On : 30 Jul 2020 20:29
Operator : CG/JU
Sample : L3388-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE0

Quant Time: Jul 31 03:00:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.249 ng/ul

RT: 10.26 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

Instrument :

BNA_N

ClientSampleId :

C0AE0

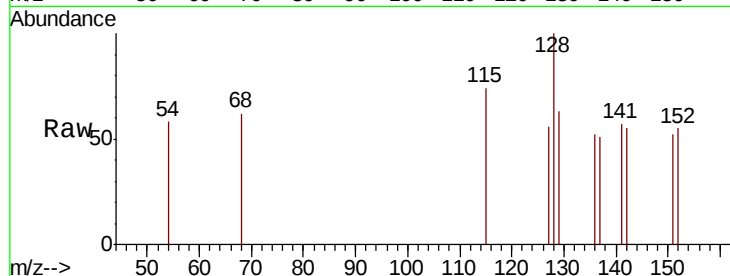
Tot Ion:128 Resp: 78

Ion Ratio Lower Upper

128 100

129 62.6 9.6 14.4#

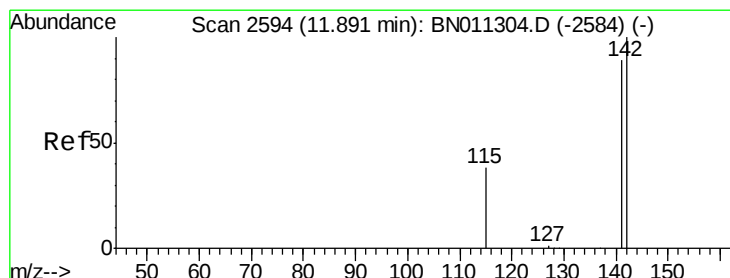
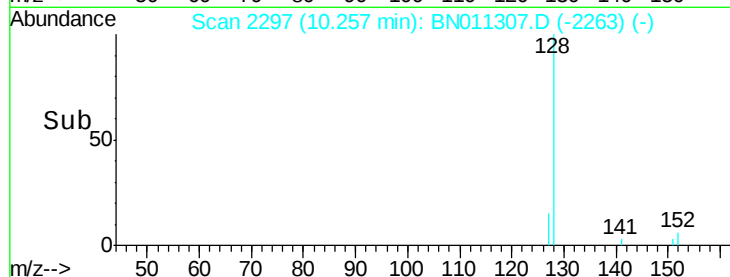
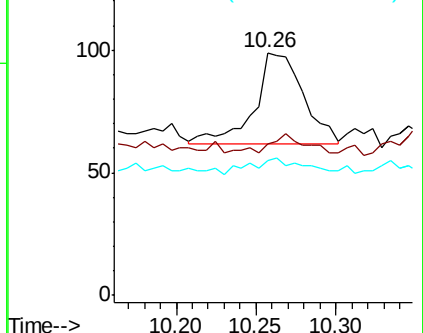
127 55.6 11.2 16.8#



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: 1.719 ng/ul

RT: 11.89 min Scan# 2594

Delta R.T. -0.00 min

Lab File: BN011307.D

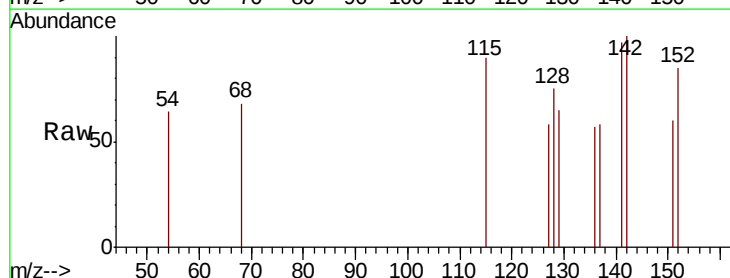
Acq: 30 Jul 2020 20:29

Tgt Ion:142 Resp: 72

Ion Ratio Lower Upper

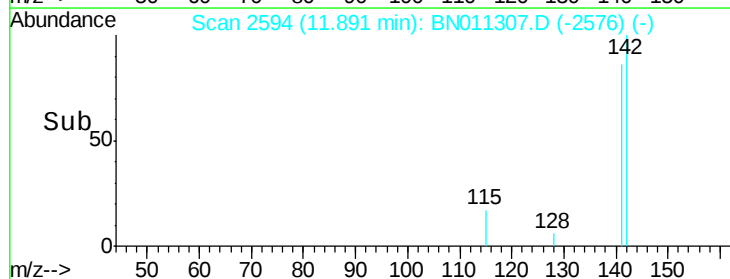
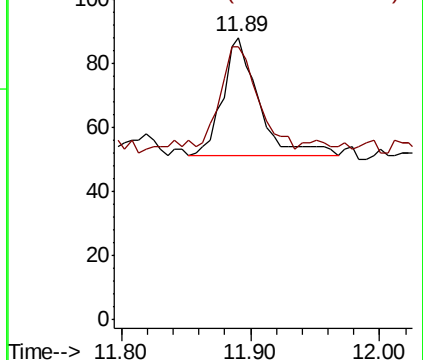
142 100

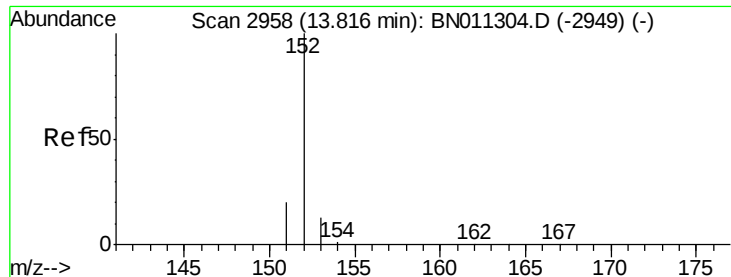
141 91.7 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.560 ng/ul

RT: 13.82 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

Instrument :

BNA_N

ClientSampleId :

C0AE0

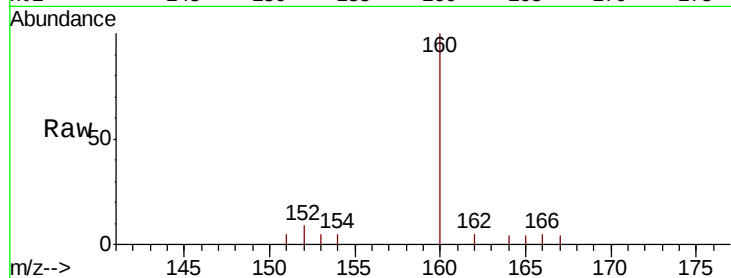
Tot Ion:152 Resp: 107

Ion Ratio Lower Upper

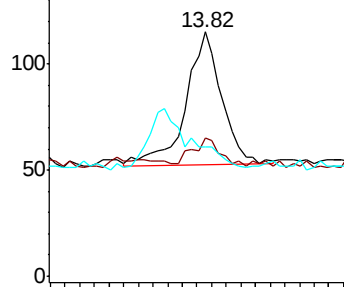
152 100

151 56.5 17.1 25.7#

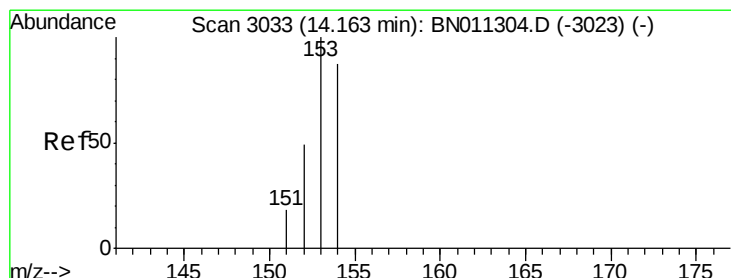
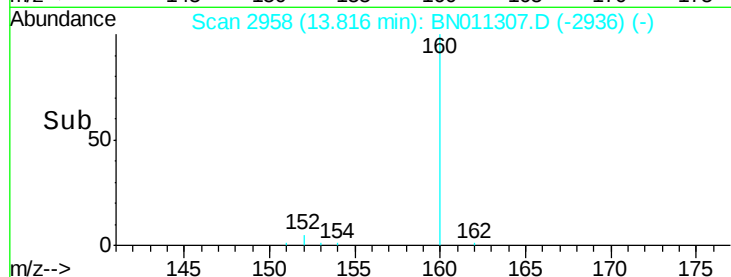
153 53.0 11.4 17.0#



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



Time-->



#8

Acenaphthene

Concen: 0.349 ng/ul

RT: 14.16 min Scan# 3033

Delta R.T. -0.00 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

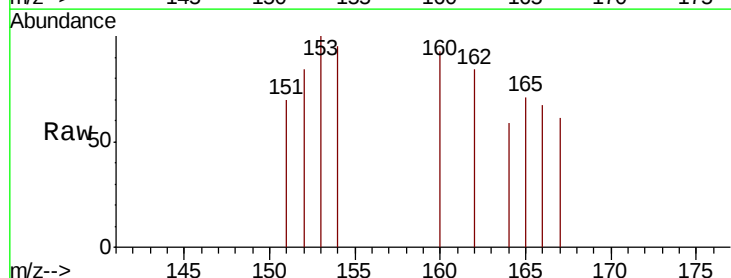
Tgt Ion:153 Resp: 53

Ion Ratio Lower Upper

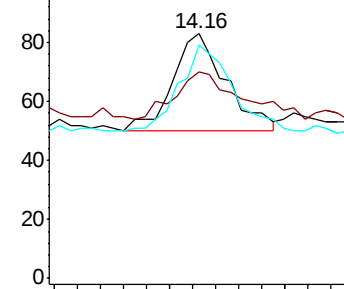
153 100

152 84.3 40.5 60.7#

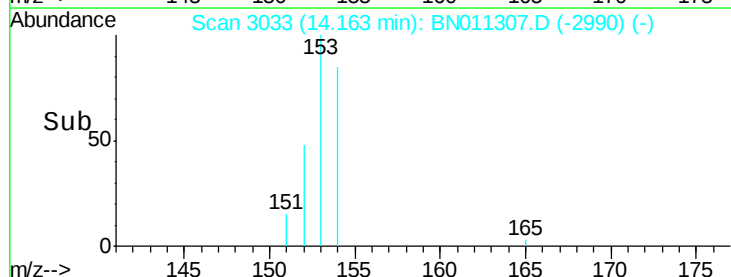
154 95.2 69.5 104.3

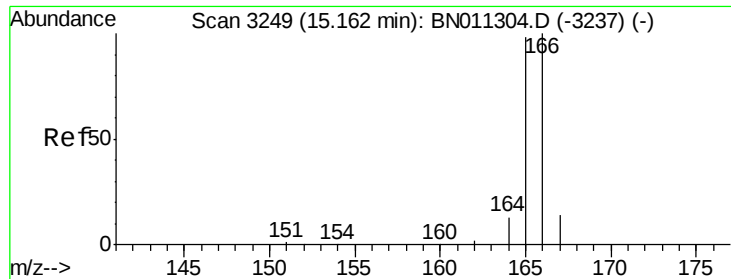


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

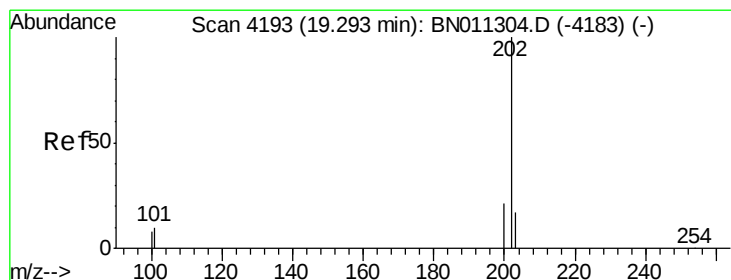
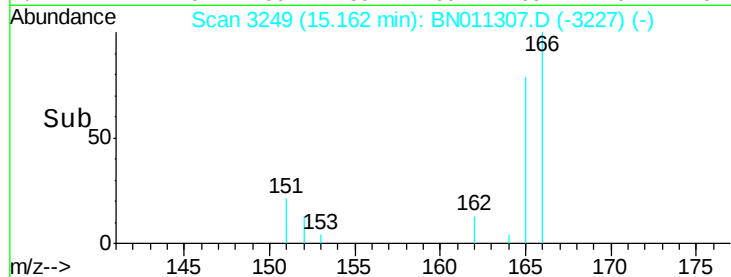
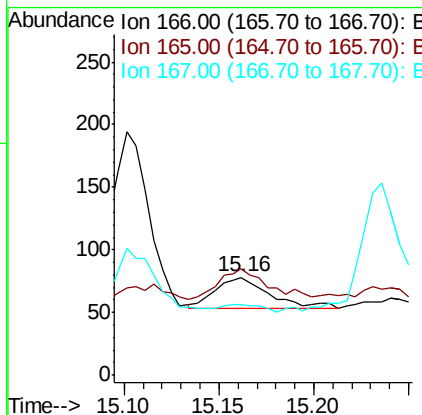
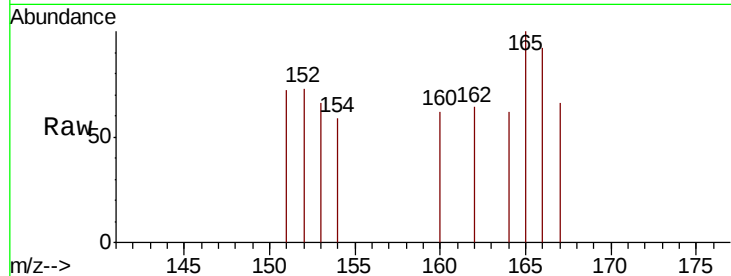




#9
Fluorene
 Concen: 0.280 ng/ul
 RT: 15.16 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BN011307.D
 Acq: 30 Jul 2020 20:29

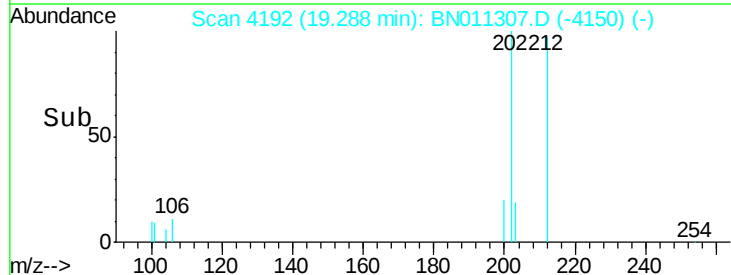
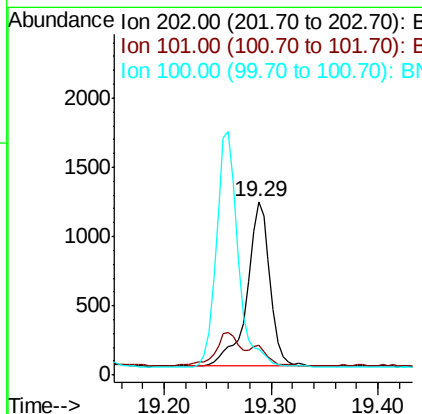
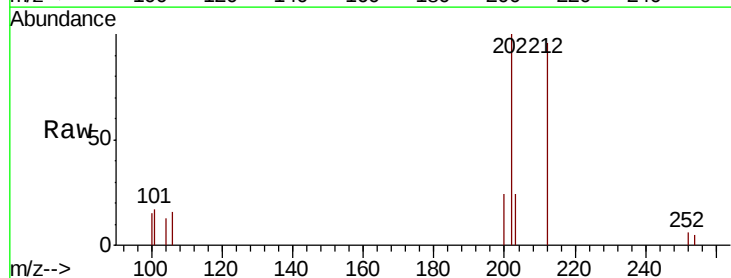
Instrument :
 BNA_N
 ClientSampleID :
 C0AE0

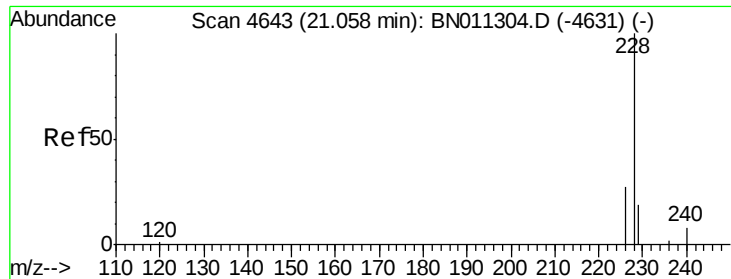
Tot Ion:166 Resp: 50
 Ion Ratio Lower Upper
 166 100
 165 109.0 78.8 118.2
 167 71.8 12.1 18.1#



#17
Pyrene
 Concen: 4.380 ng/ul
 RT: 19.29 min Scan# 4192
 Delta R.T. -0.00 min
 Lab File: BN011307.D
 Acq: 30 Jul 2020 20:29

Tgt Ion:202 Resp: 1790
 Ion Ratio Lower Upper
 202 100
 101 16.9 8.5 12.7#
 100 14.7 7.1 10.7#





#18

Benzo(a)anthracene

Concen: 2.189 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. -0.00 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

Instrument :

BNA_N

ClientSampleId :

C0AE0

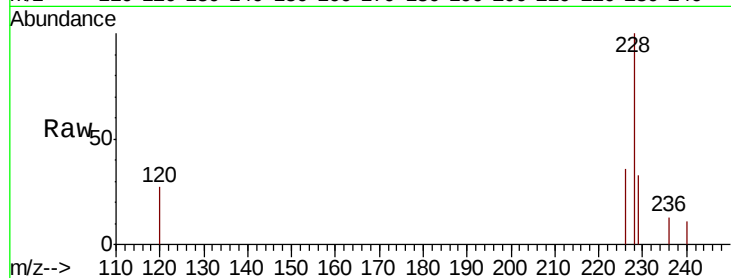
Tot Ion:228 Resp: 757

Ion Ratio Lower Upper

228 100

229 32.8 16.1 24.1#

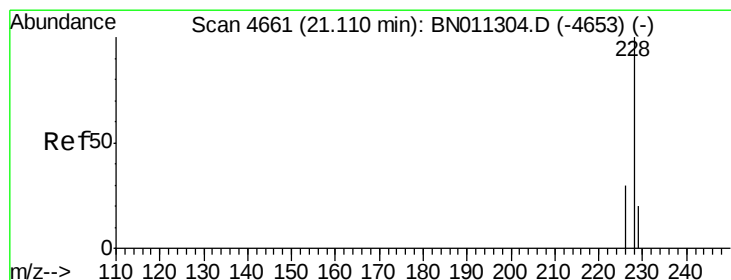
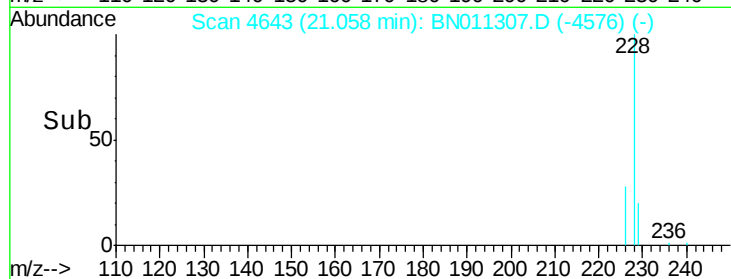
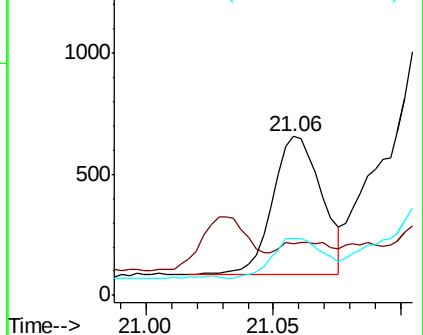
226 35.6 22.2 33.2#



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: 5.141 ng/ul

RT: 21.11 min Scan# 4661

Delta R.T. -0.00 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

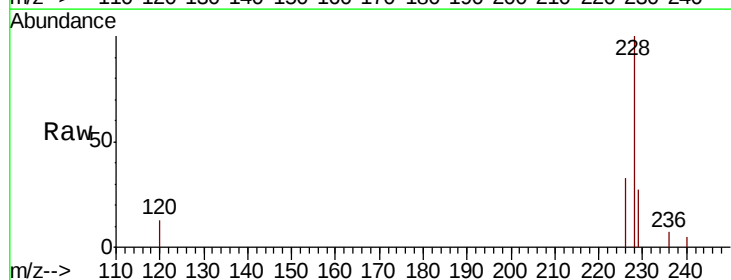
Tgt Ion:228 Resp: 2038

Ion Ratio Lower Upper

228 100

226 33.0 24.5 36.7

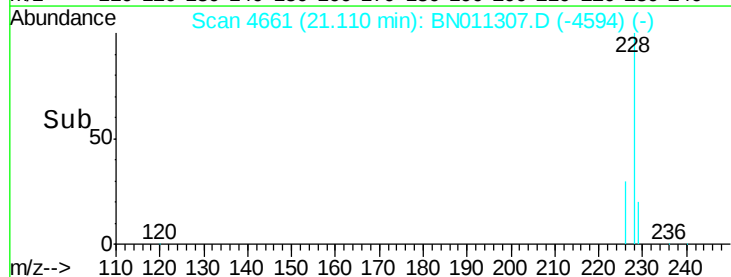
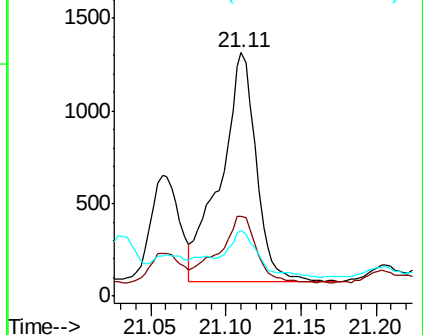
229 26.9 15.8 23.6#

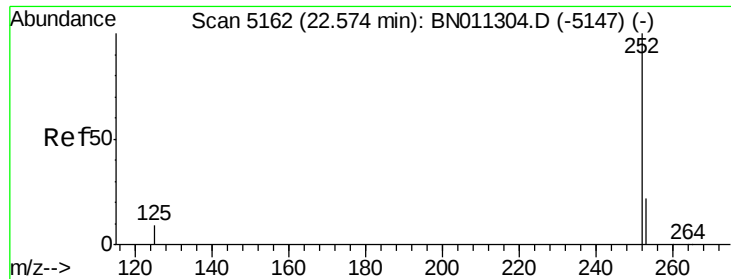


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 65.578 ng/ul

RT: 22.57 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

Instrument :

BNA_N

ClientSampleId :

C0AE0

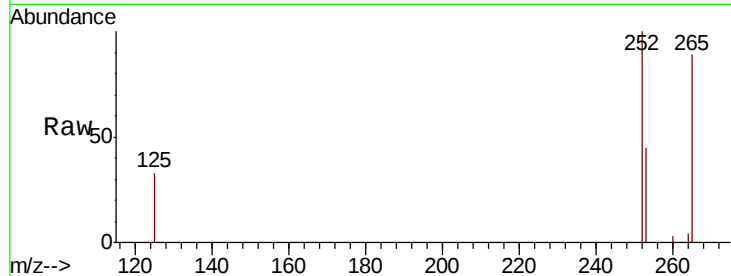
Tot Ion:252 Resp: 4653

Ion Ratio Lower Upper

252 100

253 45.3 0.0 51.8

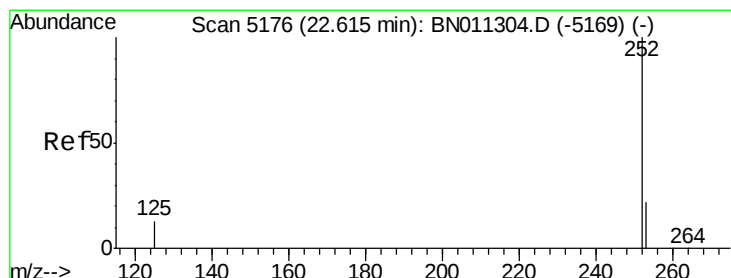
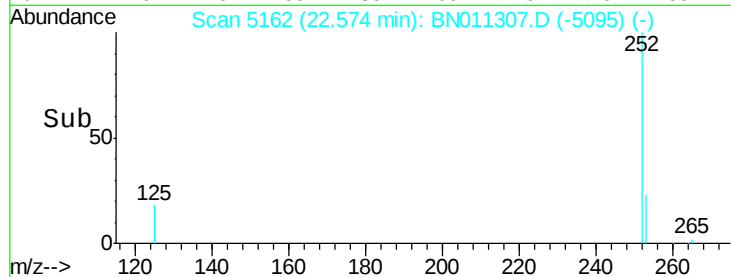
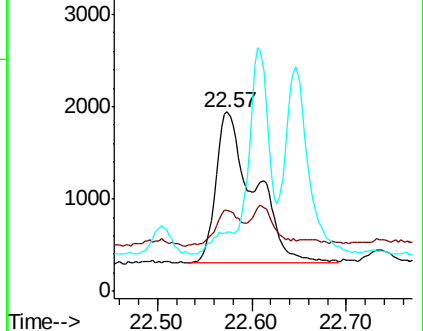
125 33.1 0.0 24.2#



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: 2.804 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.11 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

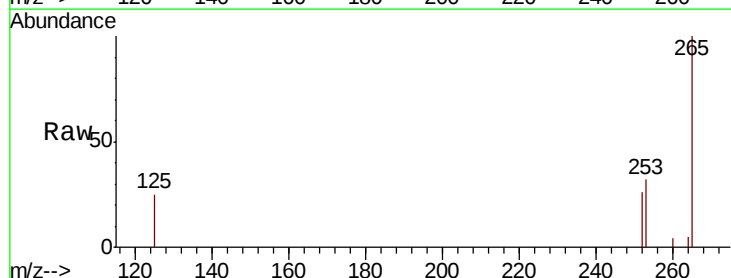
Tgt Ion:252 Resp: 223

Ion Ratio Lower Upper

252 100

253 125.9 21.4 32.0#

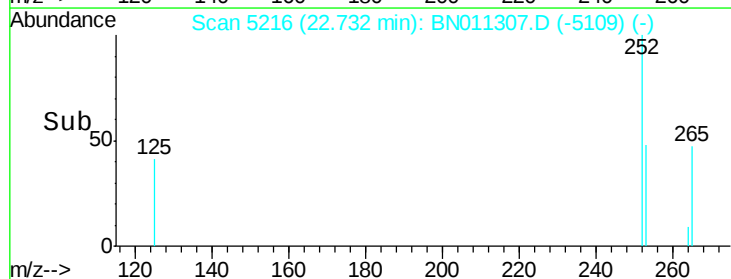
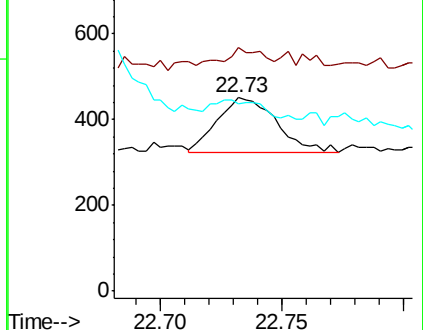
125 96.9 12.6 18.8#

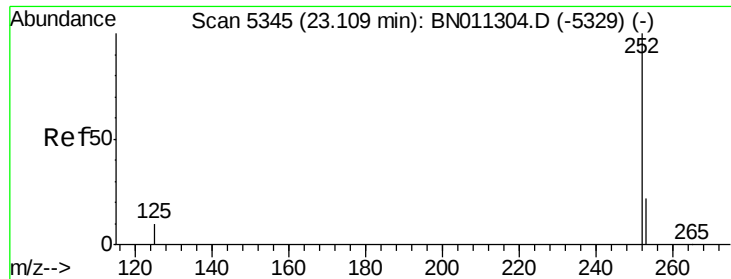


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 15.709 ng/u1

RT: 23.10 min Scan# 5343

Delta R.T. -0.01 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

Instrument :

BNA_N

ClientSampleId :

C0AE0

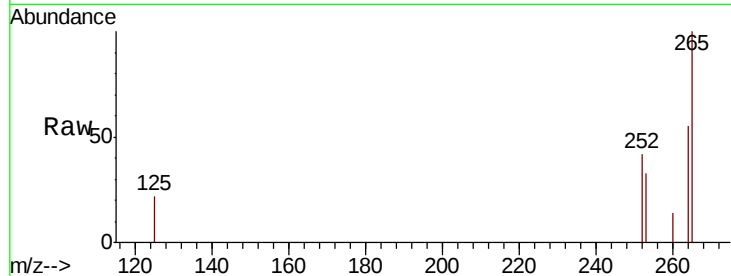
Tot Ion:252 Resp: 969

Ion Ratio Lower Upper

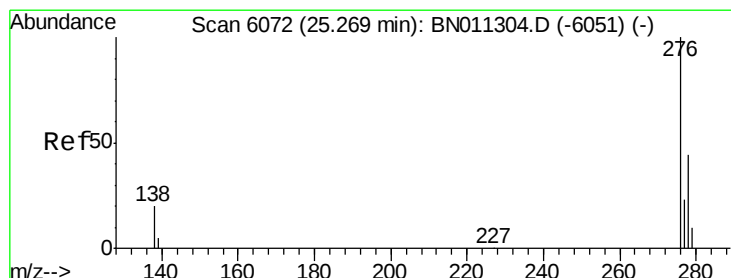
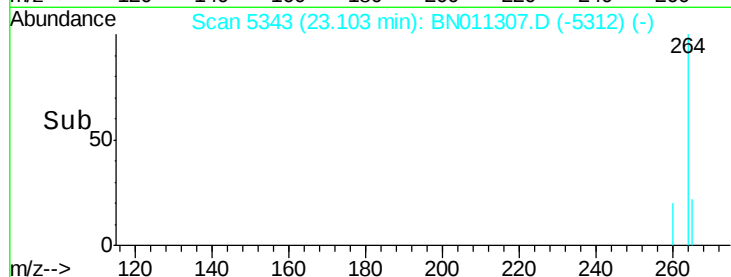
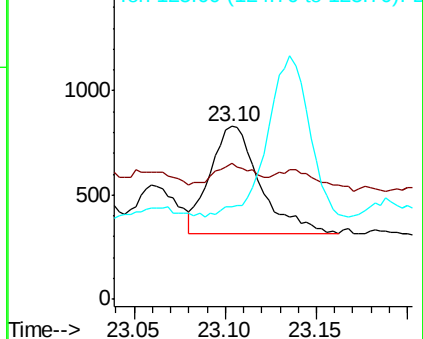
252 100

253 78.4 22.6 34.0#

125 53.8 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: 15.901 ng/u1

RT: 25.27 min Scan# 6073

Delta R.T. -0.00 min

Lab File: BN011307.D

Acq: 30 Jul 2020 20:29

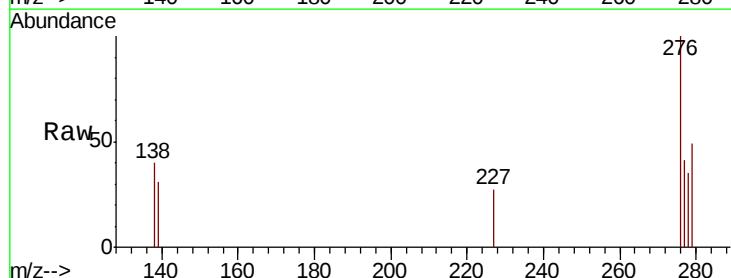
Tgt Ion:276 Resp: 1031

Ion Ratio Lower Upper

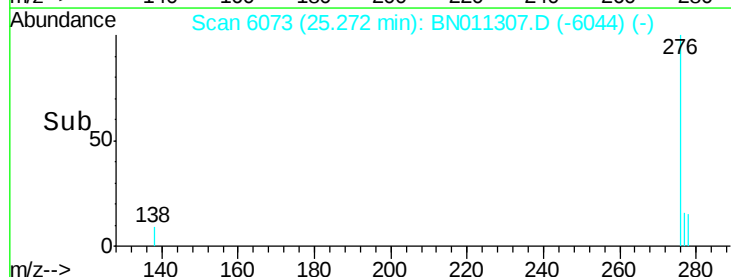
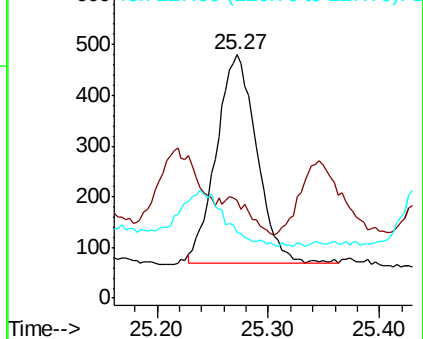
276 100

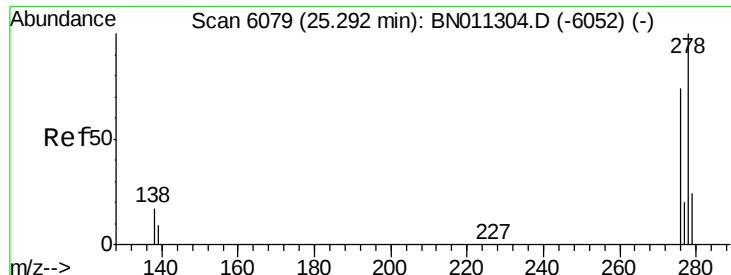
138 0.0 18.1 27.1#

227 0.0 0.2 0.4#



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

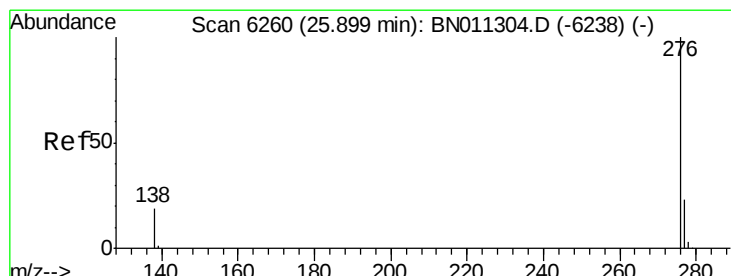
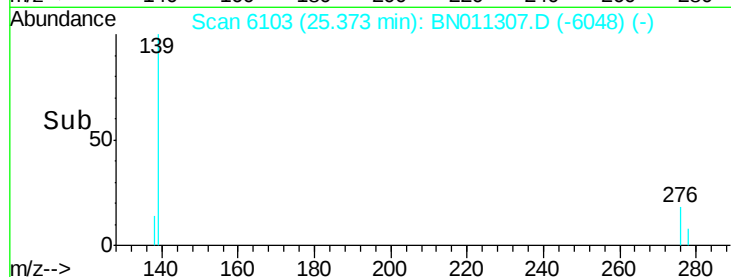
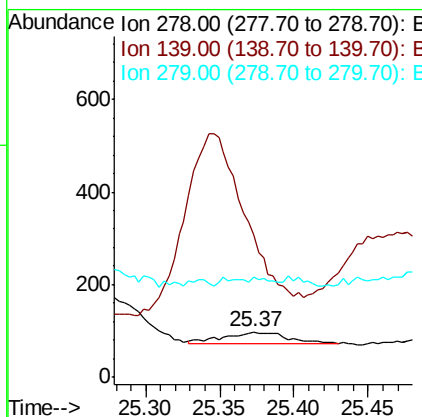
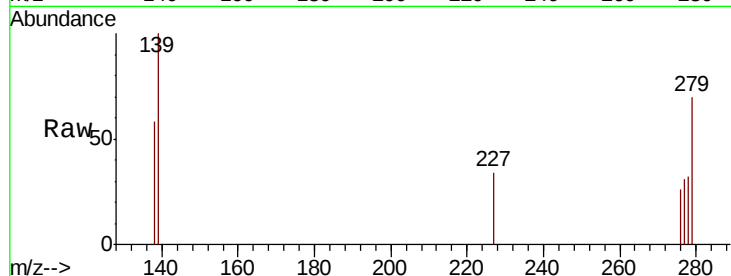




#25
Dibenzo(a,h)anthracene
Concen: 1.453 ng/ul
RT: 25.37 min Scan# 6103
Delta R.T. 0.08 min
Lab File: BN011307.D
Acq: 30 Jul 2020 20:29

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion:278 Resp: 75
Ion Ratio Lower Upper
278 100
139 314.3 14.0 21.0#
279 219.4 22.9 34.3#



#26
Benzo(g,h,i)perylene
Concen: 5.701 ng/ul
RT: 25.90 min Scan# 6259
Delta R.T. -0.01 min
Lab File: BN011307.D
Acq: 30 Jul 2020 20:29

Tgt Ion:276 Resp: 334
Ion Ratio Lower Upper
276 100
138 68.2 16.4 24.6#
277 63.6 20.2 30.4#

