

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007035.D
 Acq On : 08 Aug 2019 20:52
 Operator : HP/JU
 Sample : K3962-03DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 02:04:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

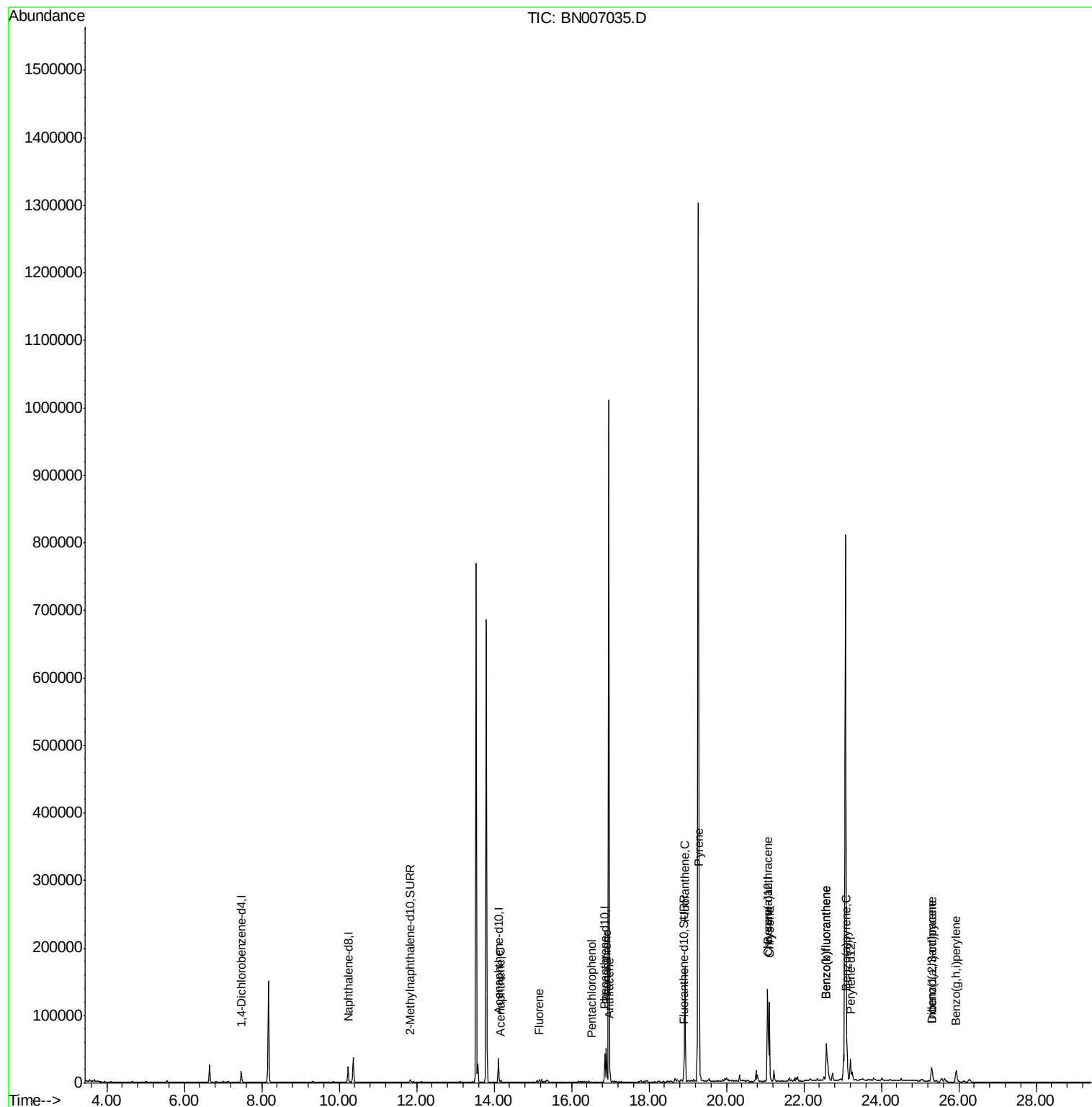
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	7965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	31192	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	19245	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	49706	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	41958	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	39822	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	5319	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	17604	0.11	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.17	153	2042	0.027	ng/ul	98
9) Fluorene	15.17	166	2556	0.028	ng/ul#	96
11) Pentachlorophenol	16.52	266	381	0.028	ng/ul#	81
12) Phenanthrene	16.90	178	53345	0.337	ng/ul	100
13) Anthracene	16.99	178	14544	0.090	ng/ul	98
15) Fluoranthene	18.93	202	149949	0.762	ng/ul	99
17) Pyrene	19.29	202	187669	1.002	ng/ul	100
18) Benzo(a)anthracene	21.06	228	108855	0.591	ng/ul	98
19) Chrysene	21.11	228	110912	0.643	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	121340	0.752	ng/ul	99
22) Benzo(k)fluoranthene	22.58	252	121340	0.775	ng/ul	100
23) Benzo(a)pyrene	23.11	252	71903	0.473	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	33251	0.203	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.31	278	10195	0.078	ng/ul#	82
26) Benzo(g,h,i)perylene	25.93	276	33959	0.247	ng/ul	97

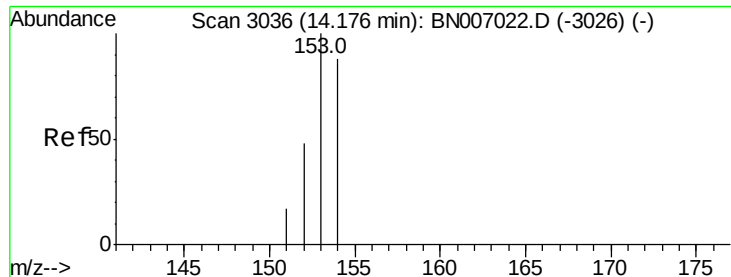
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.17 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

Instrument :

BNA_N

ClientSampleId :

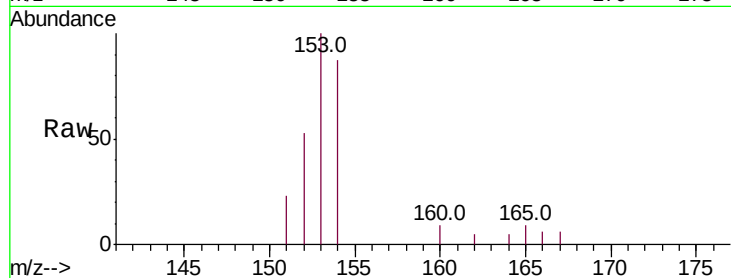
Tot Ion:153 Resp: 2042

Ion Ratio Lower Upper

153 100

152 52.5 39.4 59.2

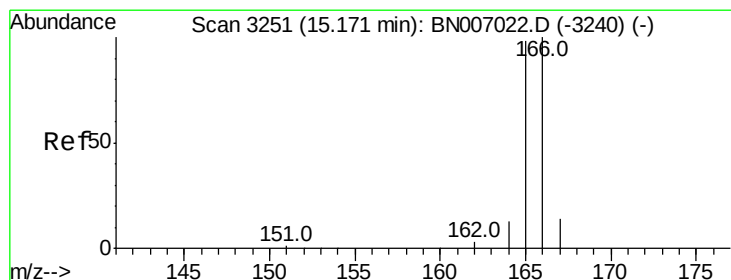
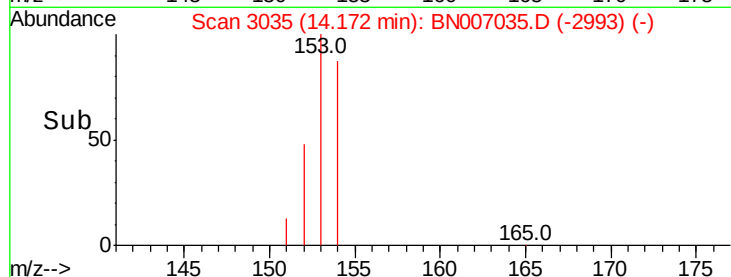
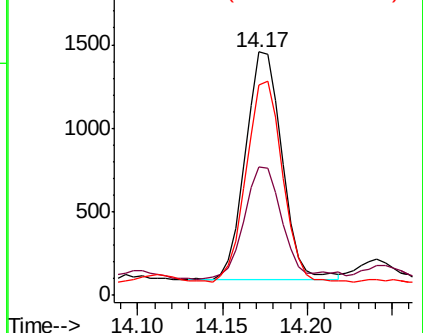
154 86.5 70.1 105.1



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: 0.028 ng/ul

RT: 15.17 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

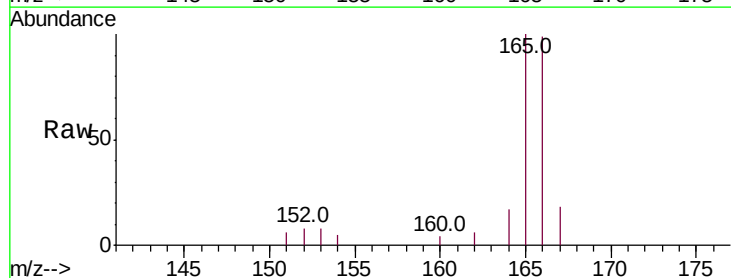
Tgt Ion:166 Resp: 2556

Ion Ratio Lower Upper

166 100

165 101.1 78.8 118.2

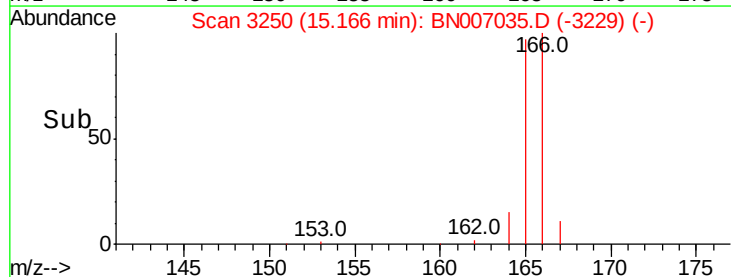
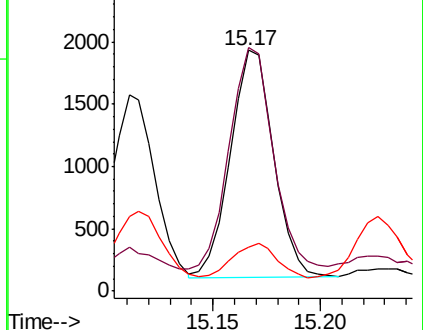
167 18.5 11.3 16.9#

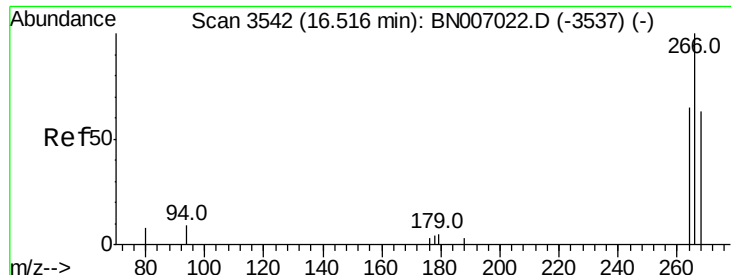


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

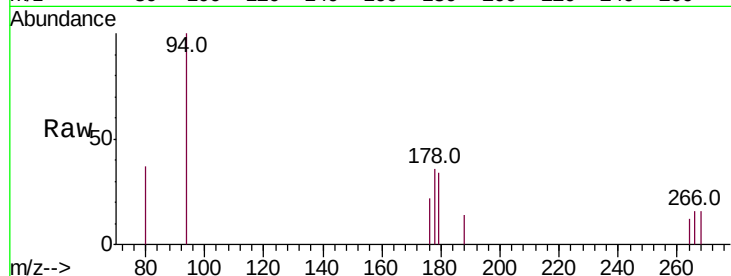




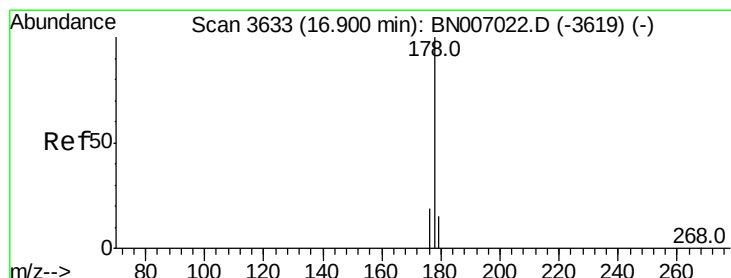
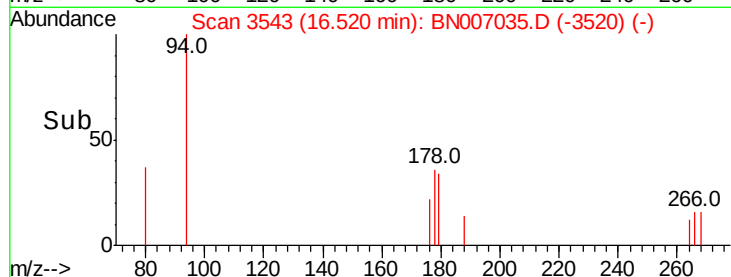
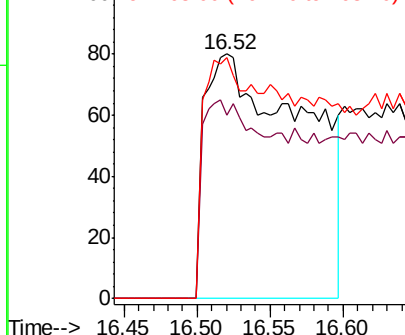
#11
 Pentachlorophenol
 Concen: 0.028 ng/ul
 RT: 16.52 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: BN007035.D
 Acq: 08 Aug 2019 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 381
 Ion Ratio Lower Upper
 266 100
 264 89.5 55.7 83.5#
 268 109.2 75.2 112.8

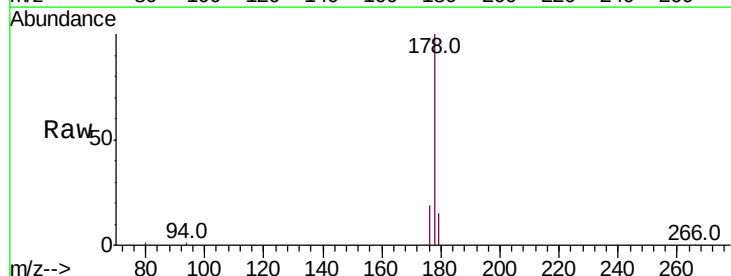


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

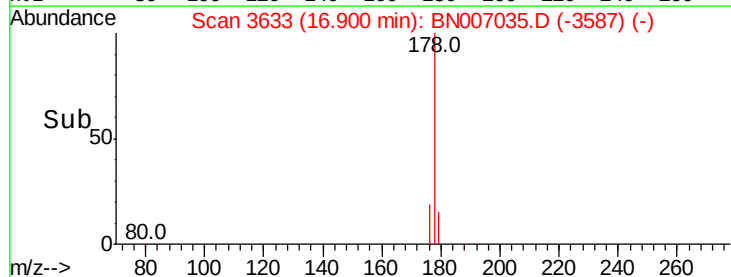
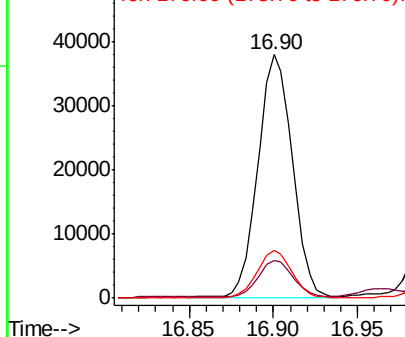


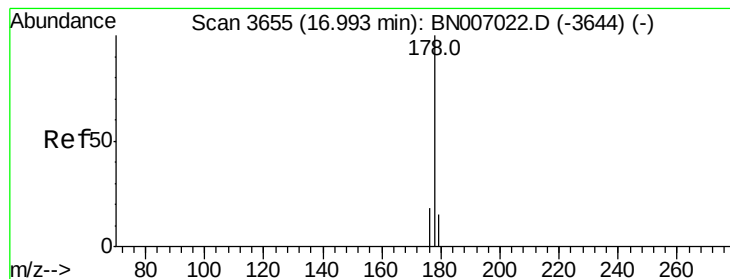
#12
 Phenanthrene
 Concen: 0.337 ng/ul
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007035.D
 Acq: 08 Aug 2019 20:52

Tgt Ion:178 Resp: 53345
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 19.4 15.6 23.4



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





#13

Anthracene

Concen: 0.090 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

Instrument :

BNA_N

ClientSampleId :

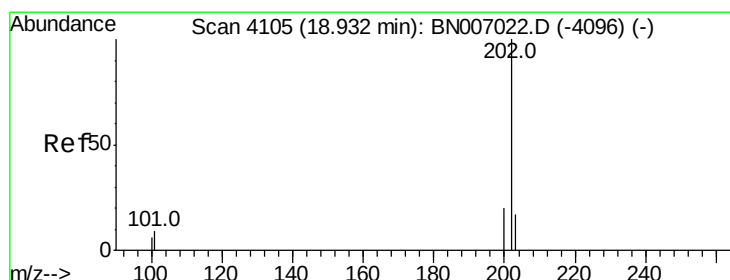
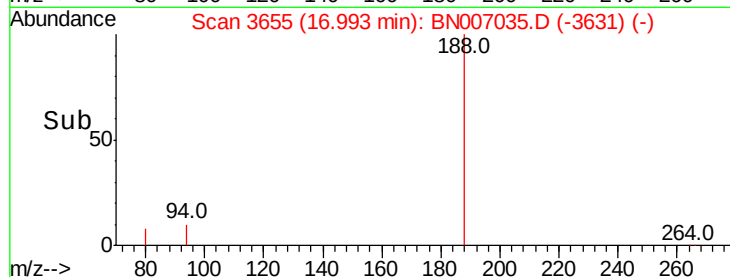
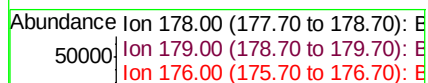
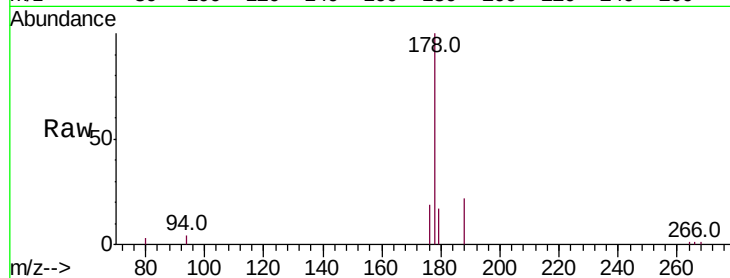
Tot Ion:178 Resp: 14544

Ion Ratio Lower Upper

178 100

179 17.3 12.6 18.8

176 19.4 15.4 23.0



#15

Fluoranthene

Concen: 0.762 ng/ul

RT: 18.93 min Scan# 4104

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

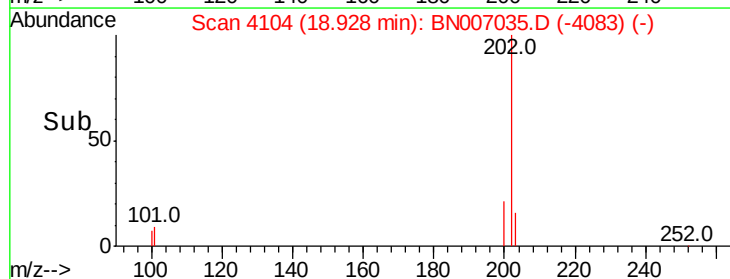
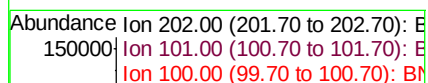
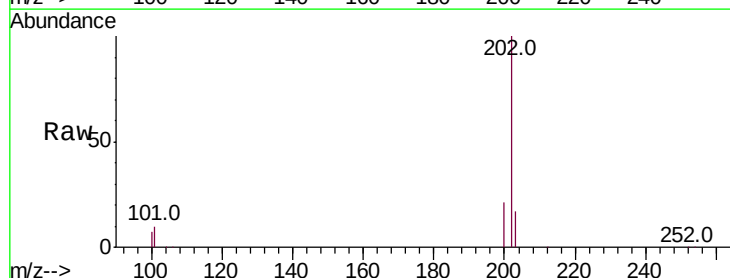
Tgt Ion:202 Resp: 149949

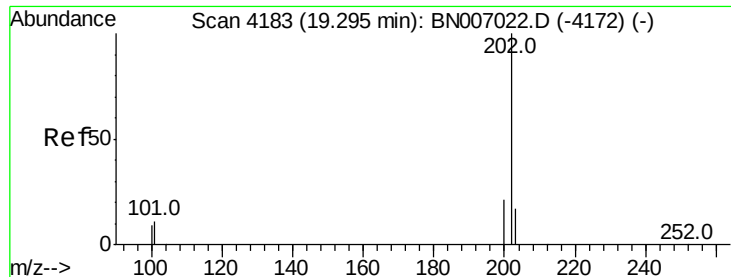
Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.0

100 7.3 0.0 27.7

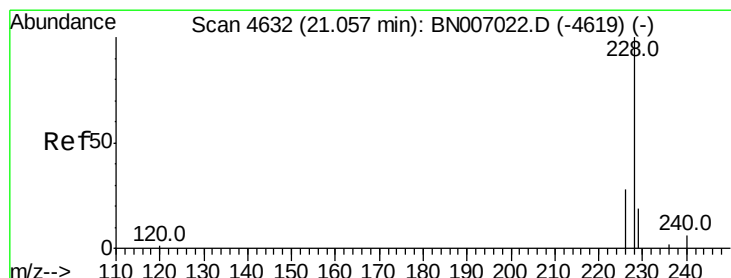
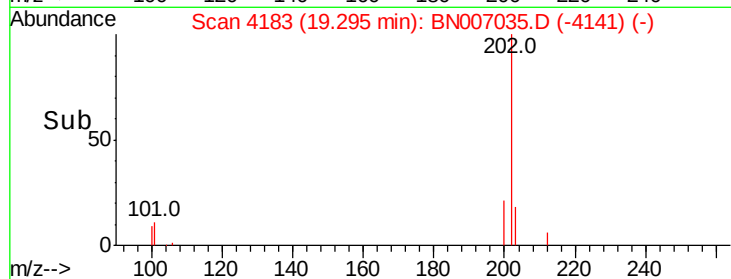
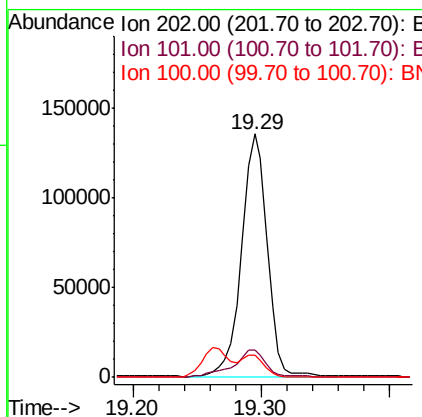
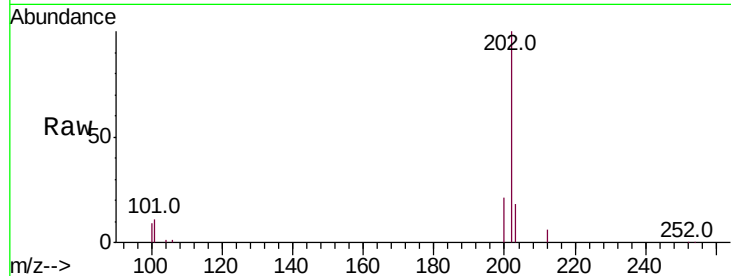




#17
Pvrene
Concen: 1.002 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007035.D
Acq: 08 Aug 2019 20:52

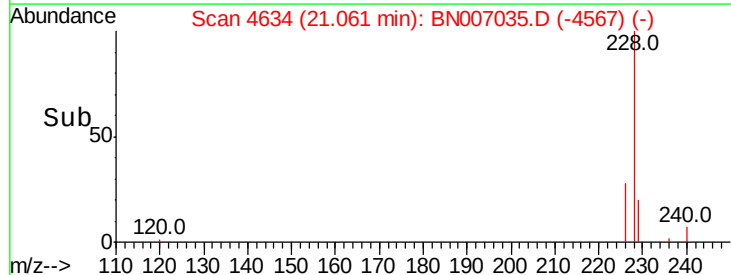
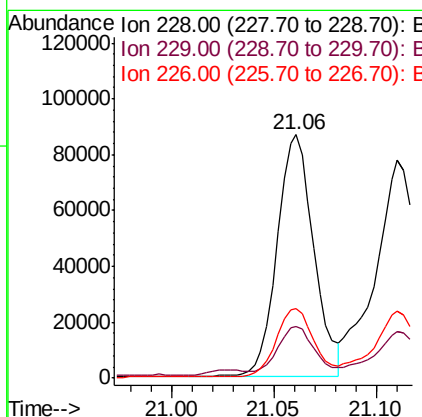
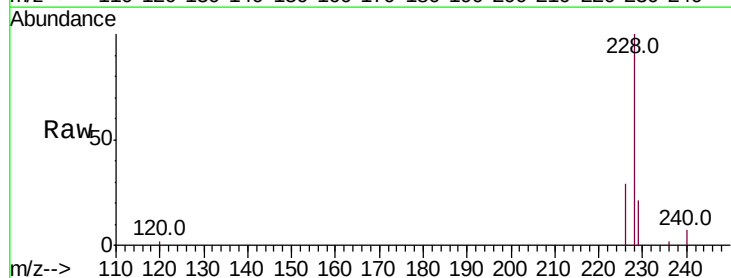
Instrument :
BNA_N
ClientSampleId :

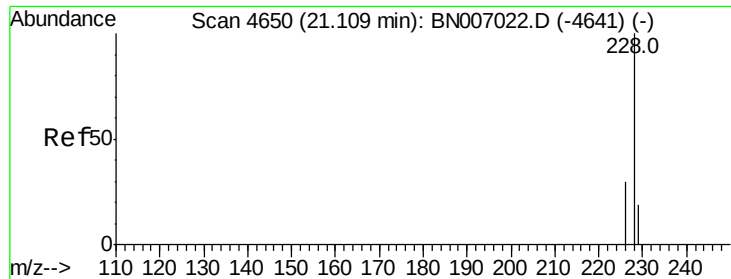
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
100	9.0	7.3	10.9



#18
Benzo(a)anthracene
Concen: 0.591 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007035.D
Acq: 08 Aug 2019 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	28.6	22.2	33.4





#19

Chrysene

Concen: 0.643 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

Instrument :

BNA_N

ClientSampleId :

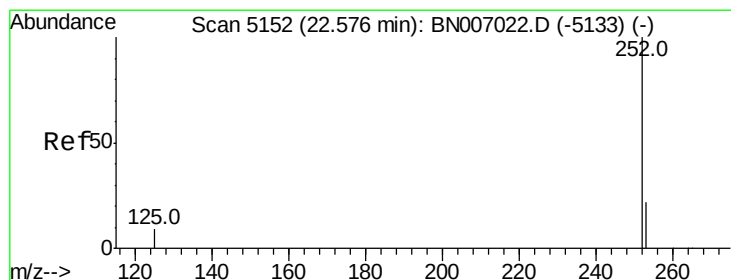
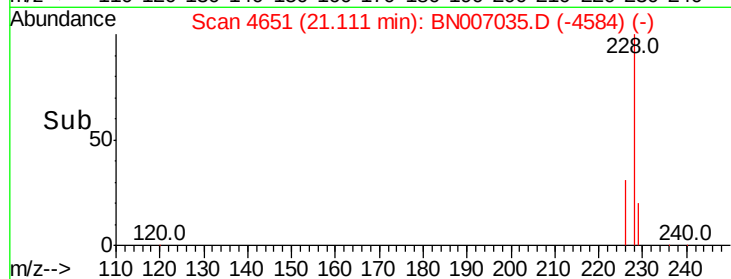
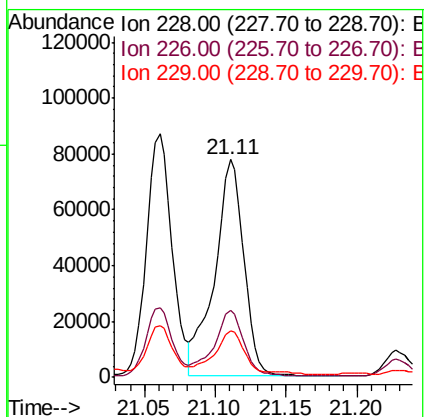
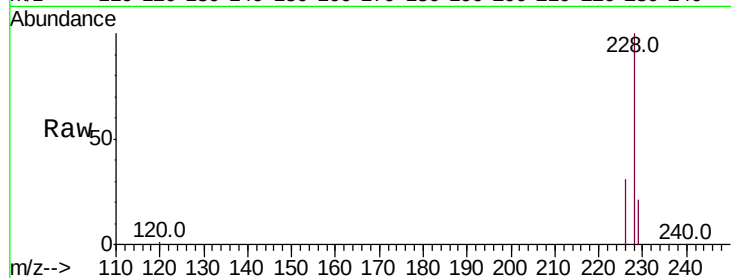
Tot Ion:228 Resp: 110912

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 21.4 15.5 23.3



#21

Benzo(b)fluoranthene

Concen: 0.752 ng/ul

RT: 22.58 min Scan# 5154

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

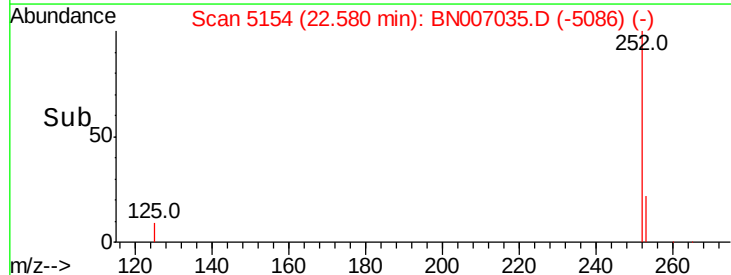
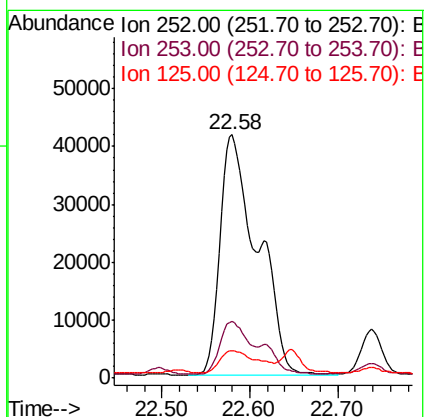
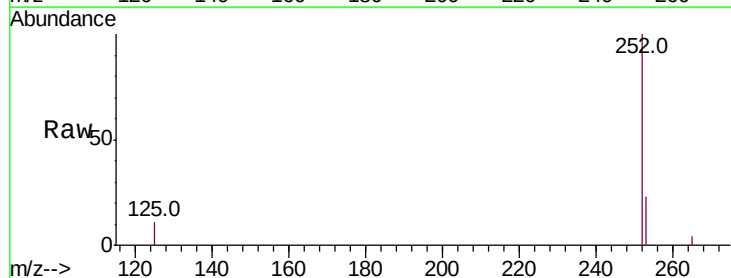
Tgt Ion:252 Resp: 121340

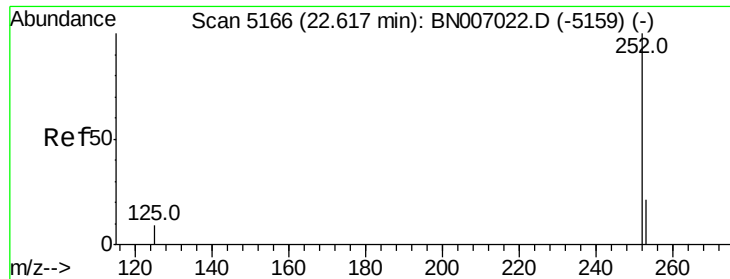
Ion Ratio Lower Upper

252 100

253 23.3 0.0 45.2

125 11.2 0.0 22.2





#22

Benzo(k)fluoranthene

Concen: 0.775 ng/ul

RT: 22.58 min Scan# 5154

Delta R.T. -0.04 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

Instrument :

BNA_N

ClientSampleId :

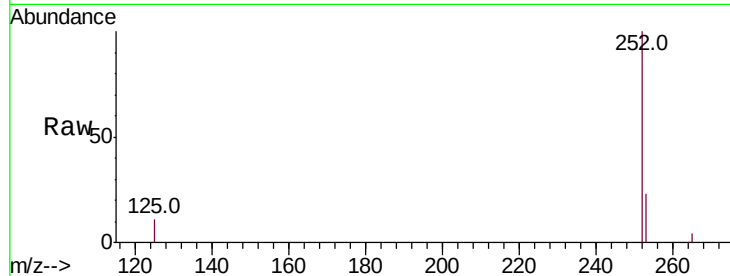
Tot Ion:252 Resp: 121340

Ion Ratio Lower Upper

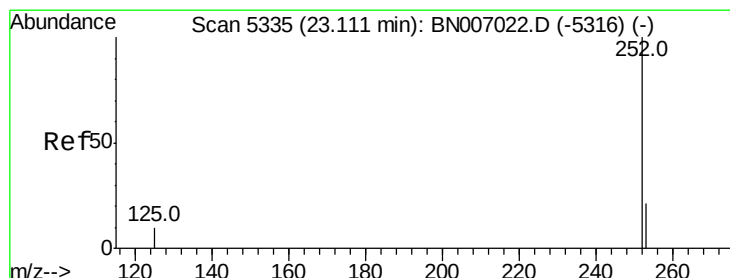
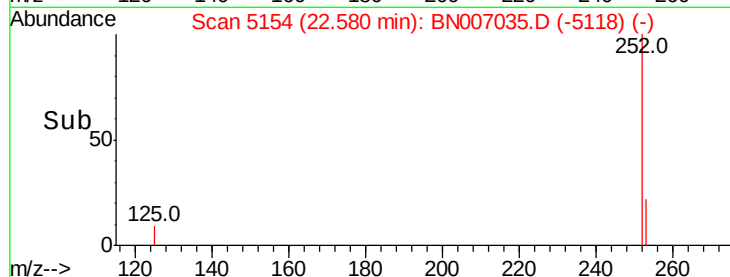
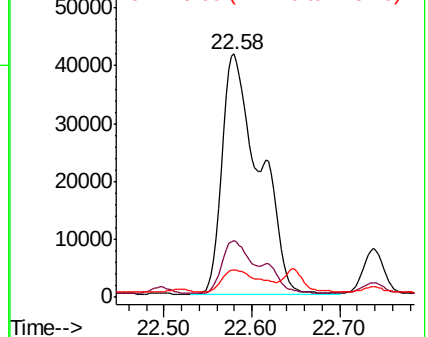
252 100

253 23.3 18.6 28.0

125 11.2 8.7 13.1



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: 0.473 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

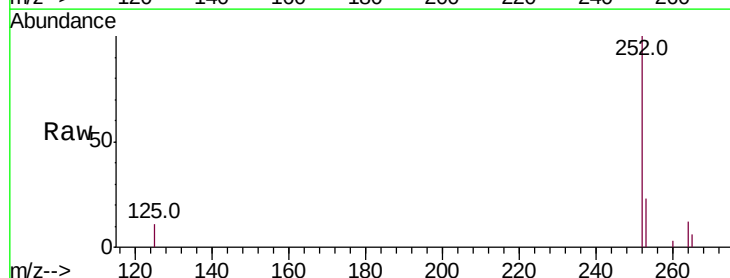
Tgt Ion:252 Resp: 71903

Ion Ratio Lower Upper

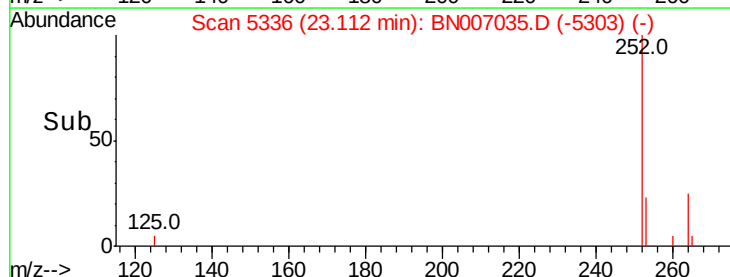
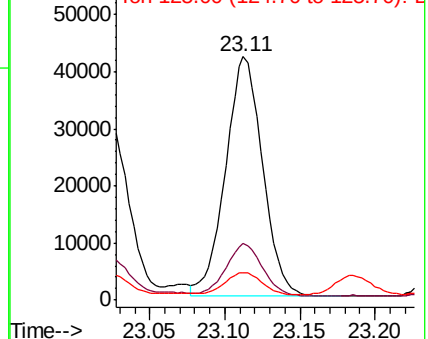
252 100

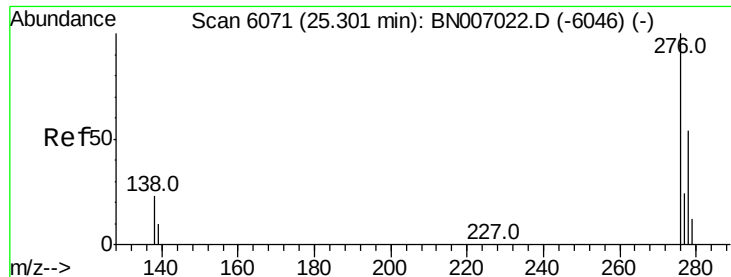
253 23.4 18.0 27.0

125 11.2 10.0 15.0



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

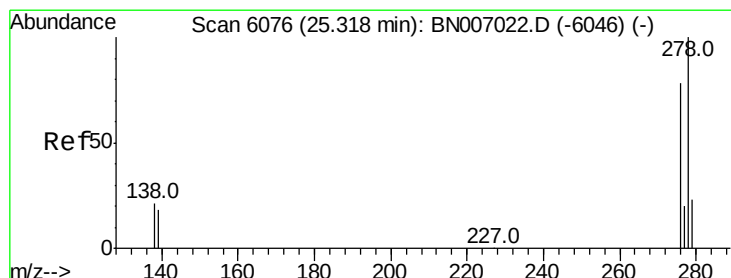
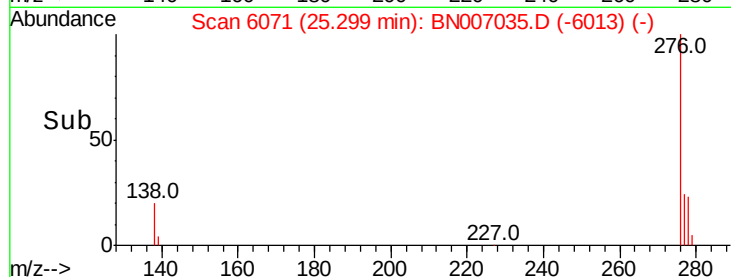
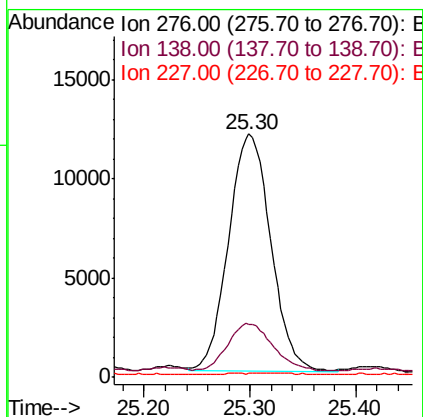
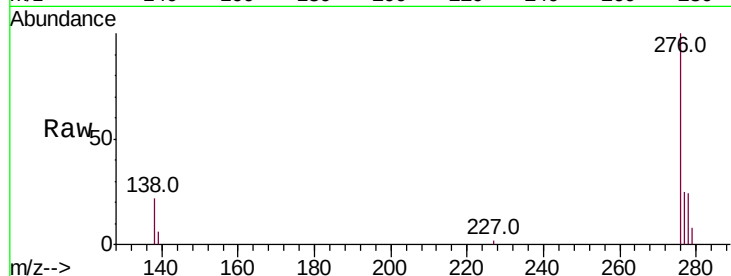




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.203 ng/ul
 RT: 25.30 min Scan# 6071
 Delta R.T. -0.01 min
 Lab File: BN007035.D
 Acq: 08 Aug 2019 20:52

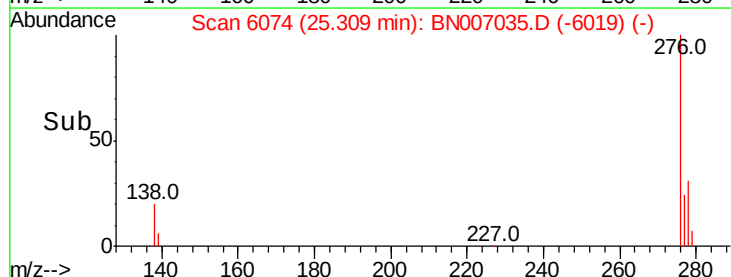
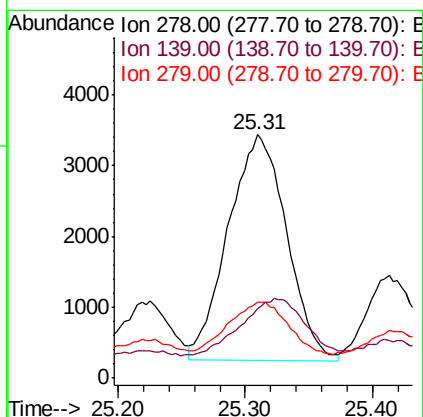
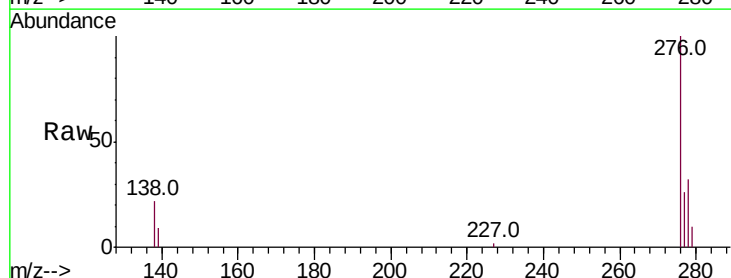
Instrument :
 BNA_N
 ClientSampleId :

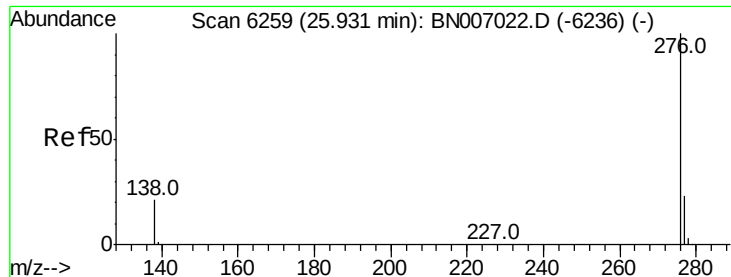
Tot Ion:276 Resp: 33251
 Ion Ratio Lower Upper
 276 100
 138 21.5 19.9 29.9
 227 0.1 0.2 0.4#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.078 ng/ul
 RT: 25.31 min Scan# 6074
 Delta R.T. -0.02 min
 Lab File: BN007035.D
 Acq: 08 Aug 2019 20:52

Tgt Ion:278 Resp: 10195
 Ion Ratio Lower Upper
 278 100
 139 28.6 14.3 21.5#
 279 30.9 19.6 29.4#





#26

Benzo(a,h,i)perylene

Concen: 0.247 ng/ul

RT: 25.93 min Scan# 6260

Delta R.T. -0.00 min

Lab File: BN007035.D

Acq: 08 Aug 2019 20:52

Instrument :

BNA_N

ClientSampleId :

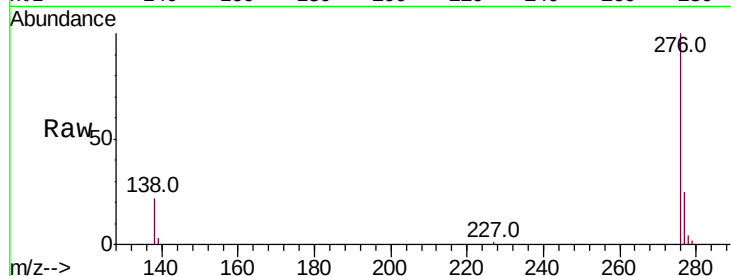
Tot Ion:276 Resp: 33959

Ion Ratio Lower Upper

276 100

138 22.1 18.7 28.1

277 25.4 19.3 28.9



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

