

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003050.D
 Acq On : 10 Oct 2018 04:55
 Operator : MJ/SJ
 Sample : J5115-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:39:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 08:36:11 2018
 Response via : Initial Calibration

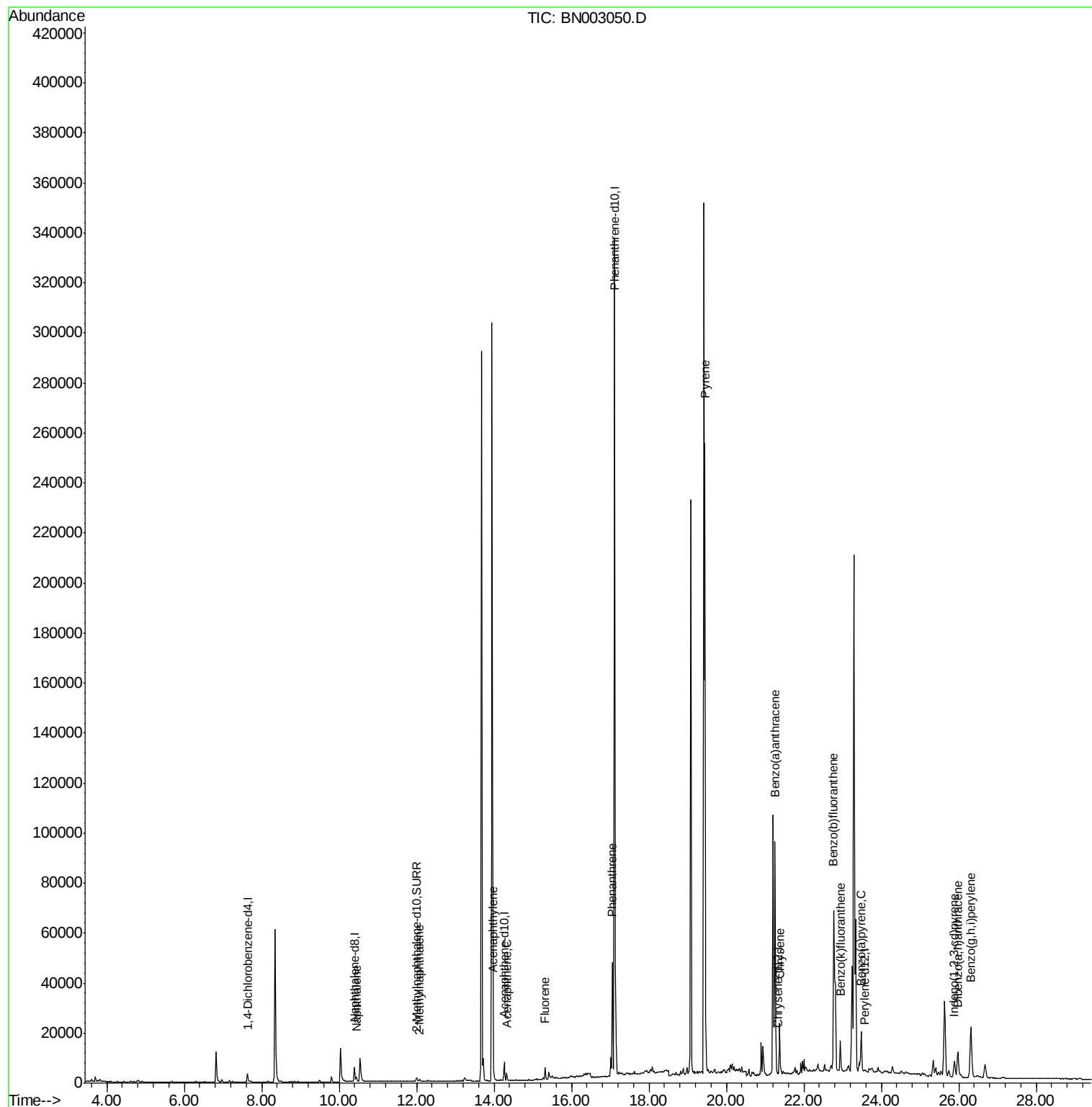
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1924	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7829	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4327	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	389285	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	60	0.40	ng/ul	0.11
20) Perylene-d12	23.57	264	418	0.40	ng/ul	0.12
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2983	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.15	212	144	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	2775	0.138	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	711	0.051	ng/ul	100
7) Acenaphthylene	13.98	152	2674	0.135	ng/ul#	90
8) Acenaphthene	14.32	153	1928	0.128	ng/ul	97
9) Fluorene	15.32	166	3170	0.184	ng/ul#	93
12) Phenanthrene	17.06	178	48756	0.045	ng/ul	99
17) Pyrene	19.45	202	208869	896.290	ng/ul	96
18) Benzo(a)anthracene	21.26	228	90378	468.084	ng/ul	96
19) Chrysene	21.38	228	15482	78.966	ng/ul#	58
21) Benzo(b)fluoranthene	22.77	252	140590	93.392	ng/ul	96
22) Benzo(k)fluoranthene	22.94	252	14509	9.297	ng/ul#	78
23) Benzo(a)pyrene	23.48	252	20830	15.440	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.88	276	2488	1.605	ng/ul#	35
25) Dibenzo(a,h)anthracene	25.97	278	8361	6.737	ng/ul	98
26) Benzo(g,h,i)perylene	26.31	276	38220	29.236	ng/ul	96

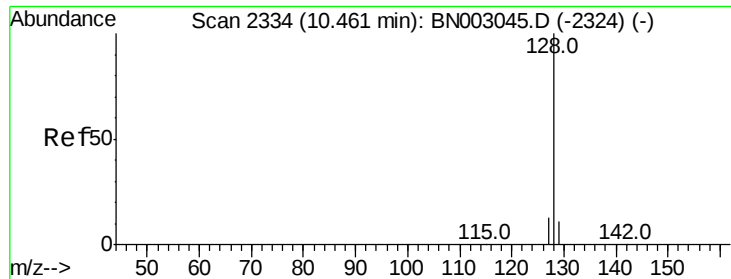
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 08:36:11 2018
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#3

Naphthalene

Concen: 0.138 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

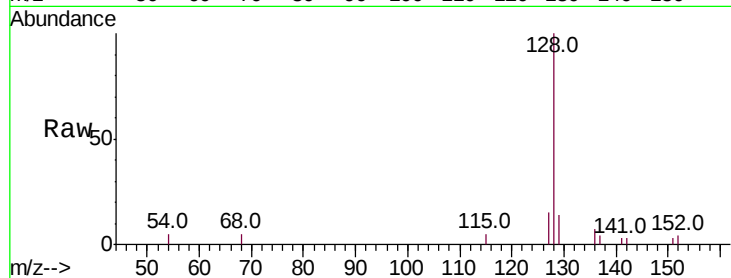
Tot Ion:128 Resp: 2775

Ion Ratio Lower Upper

128 100

129 14.3 10.4 15.6

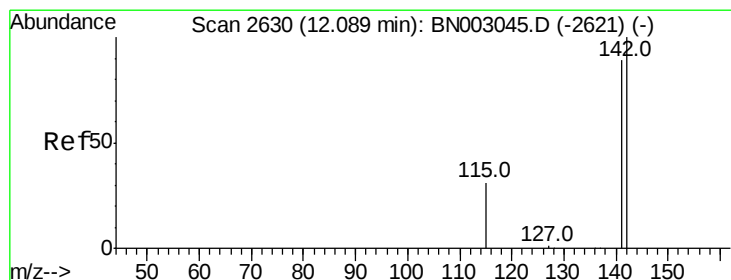
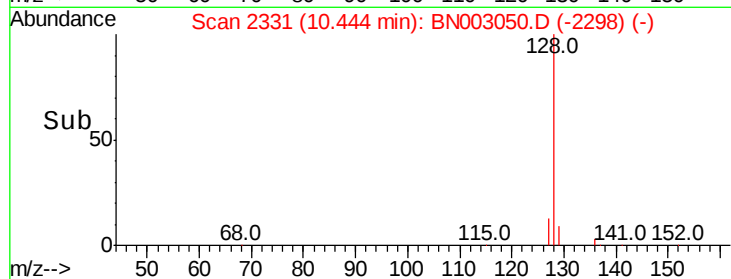
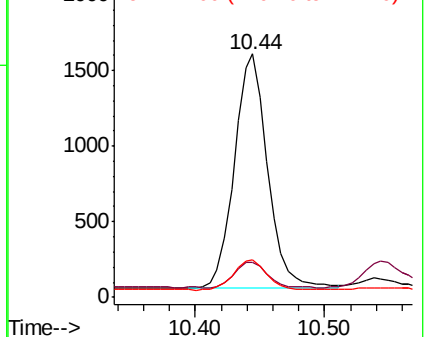
127 15.4 11.7 17.5



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: 0.051 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BN003050.D

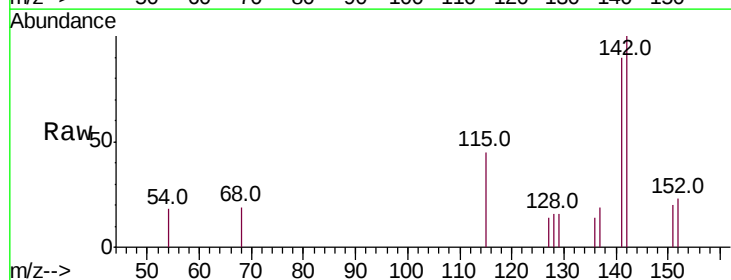
Acq: 10 Oct 2018 04:55

Tgt Ion:142 Resp: 711

Ion Ratio Lower Upper

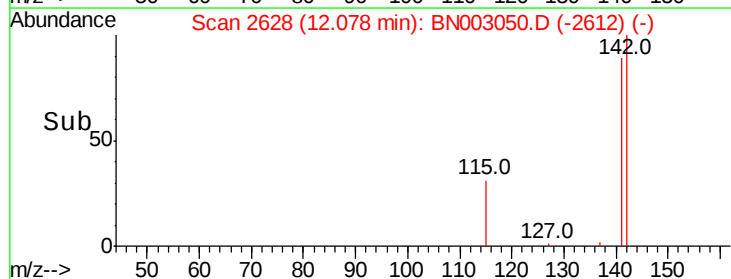
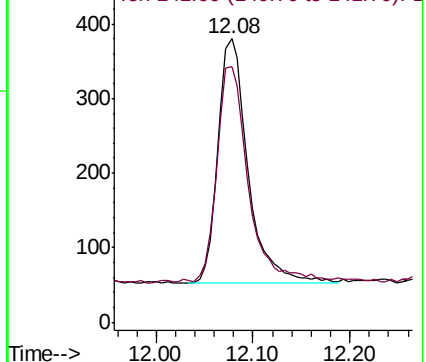
142 100

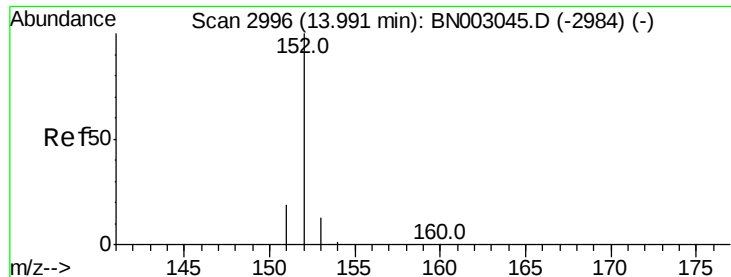
141 91.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.135 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

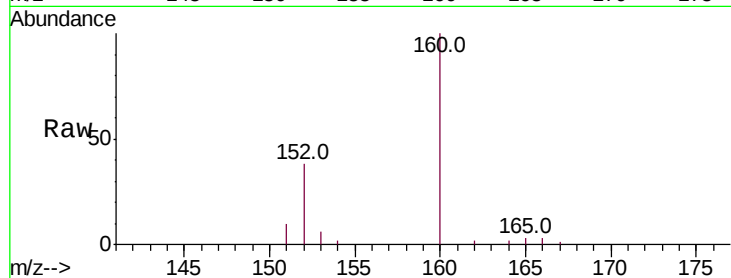
Tot Ion:152 Resp: 2674

Ion Ratio Lower Upper

152 100

151 26.8 16.5 24.7#

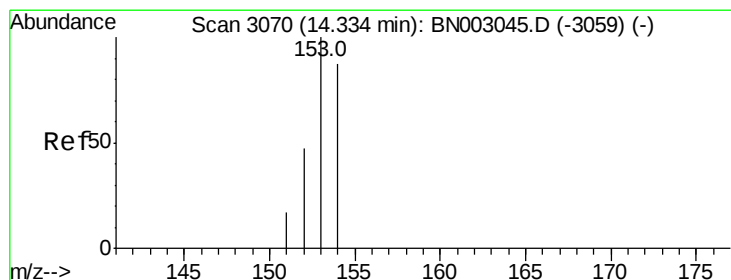
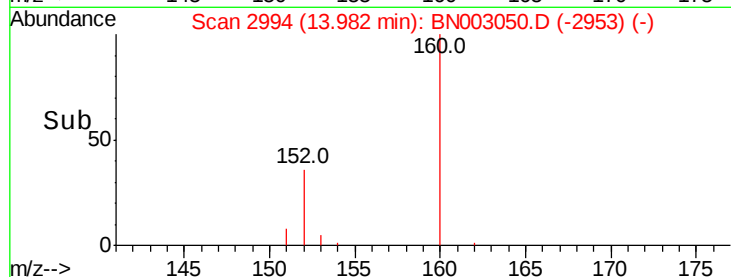
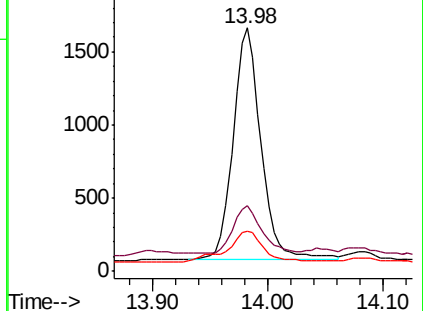
153 16.7 11.4 17.2



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: 0.128 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

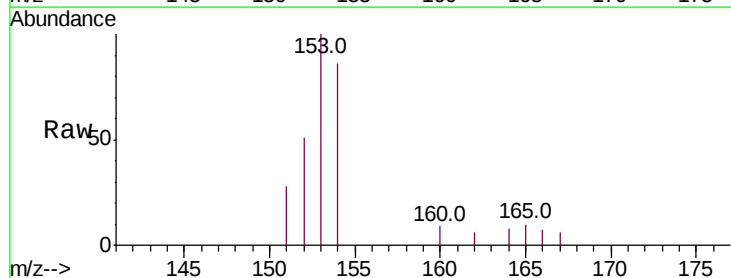
Tgt Ion:153 Resp: 1928

Ion Ratio Lower Upper

153 100

152 50.8 38.2 57.4

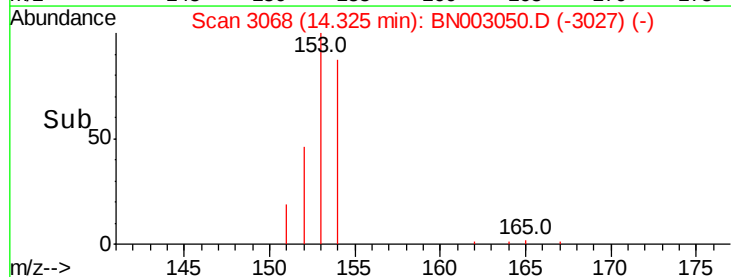
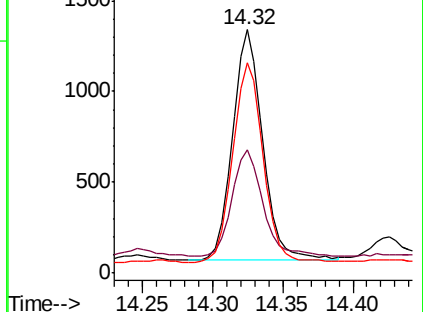
154 86.4 70.2 105.2

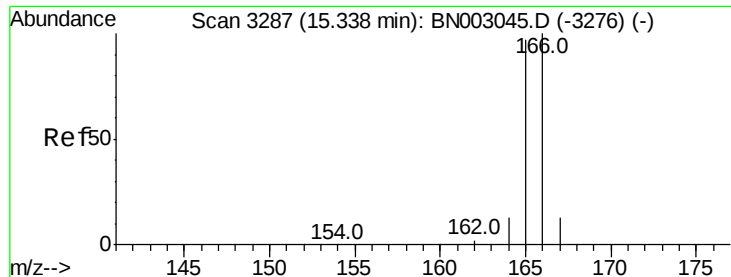


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.184 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

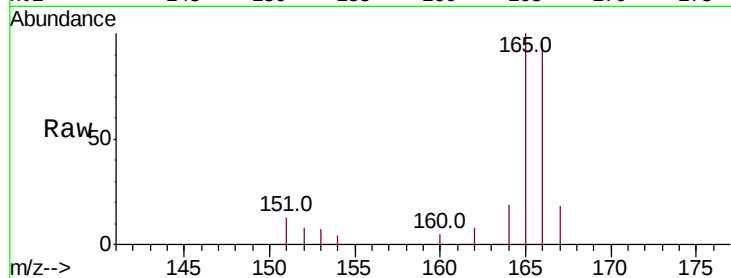
Tot Ion:166 Resp: 3170

Ion Ratio Lower Upper

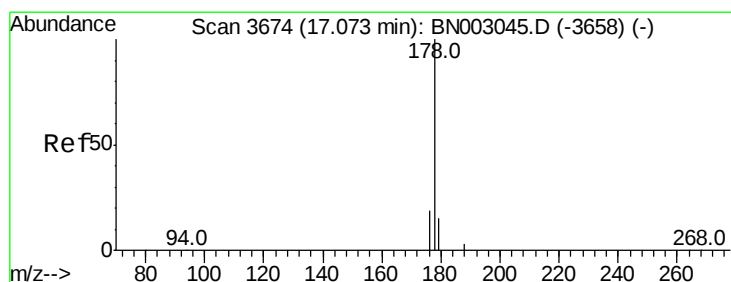
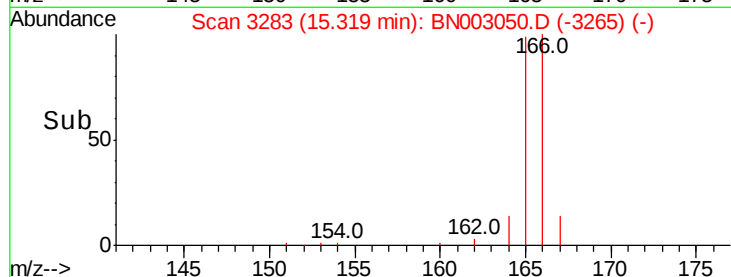
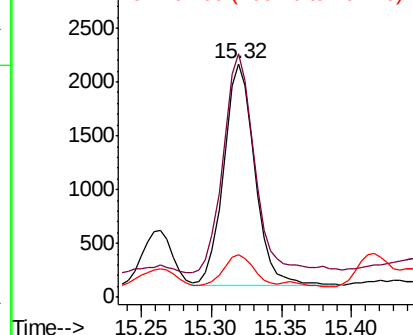
166 100

165 104.1 78.5 117.7

167 18.5 11.6 17.4#



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



#12

Phenanthrene

Concen: 0.045 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

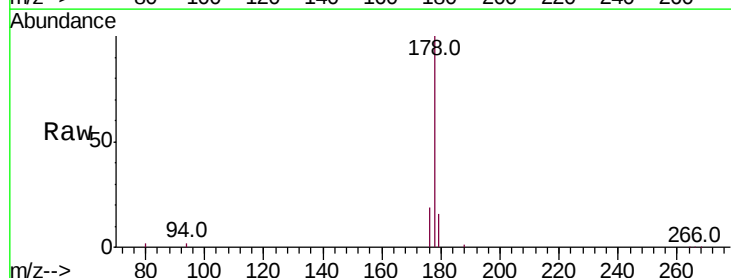
Tgt Ion:178 Resp: 48756

Ion Ratio Lower Upper

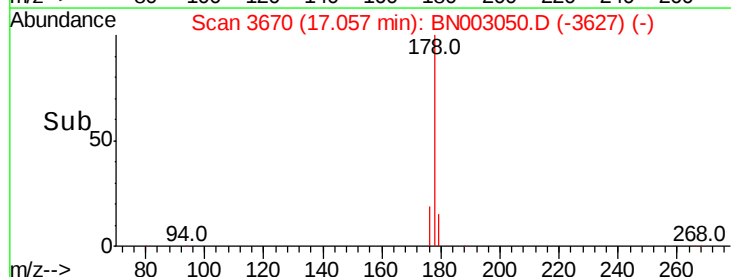
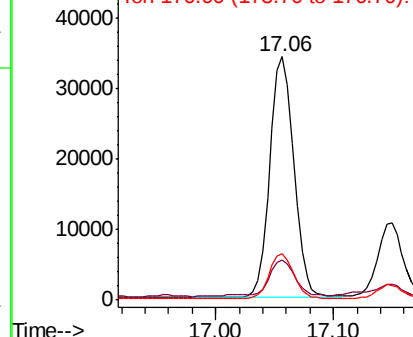
178 100

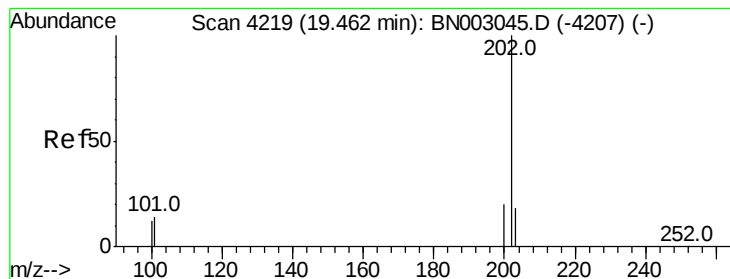
179 16.5 12.9 19.3

176 19.1 15.4 23.2



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





#17

Pvrene

Concen: 896.290 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

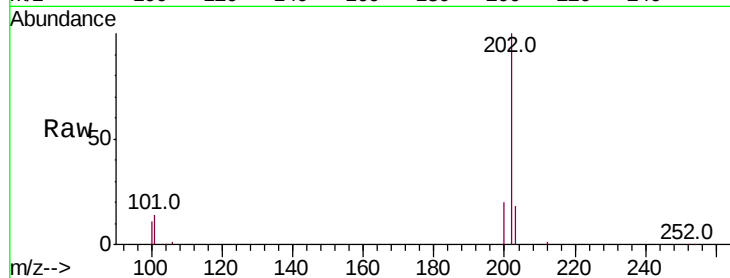
Tot Ion:202 Resp: 208869

Ion Ratio Lower Upper

202 100

101 13.5 11.9 17.9

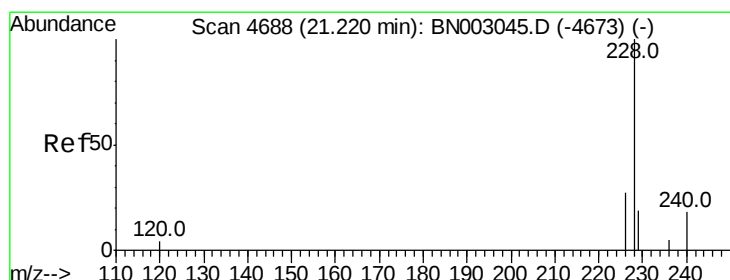
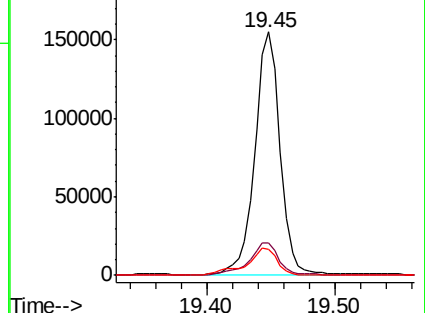
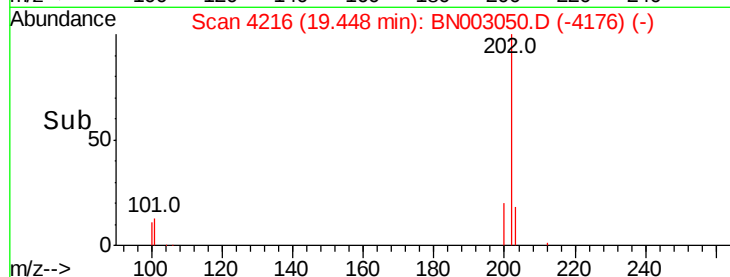
100 10.7 9.9 14.9



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



#18

Benzo(a)anthracene

Concen: 468.084 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. 0.04 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

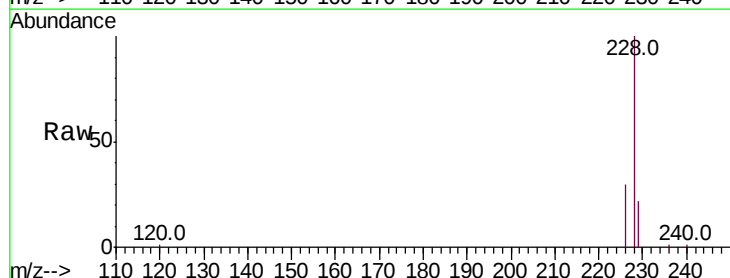
Tgt Ion:228 Resp: 90378

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

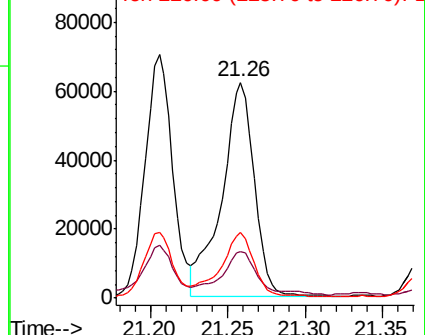
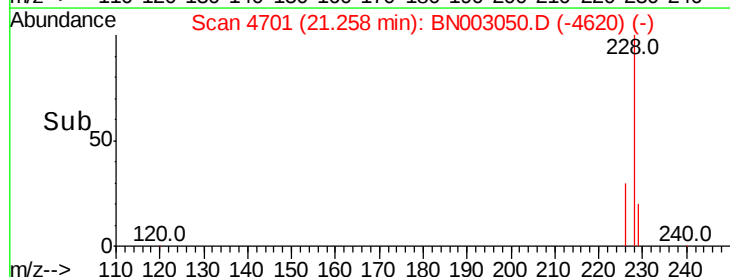
226 30.3 22.3 33.5

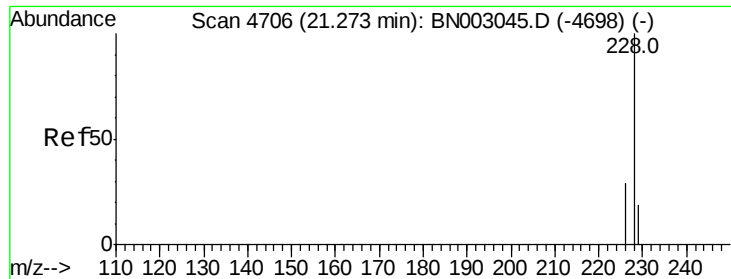


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 78.966 ng/ul

RT: 21.38 min Scan# 4741

Delta R.T. 0.10 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

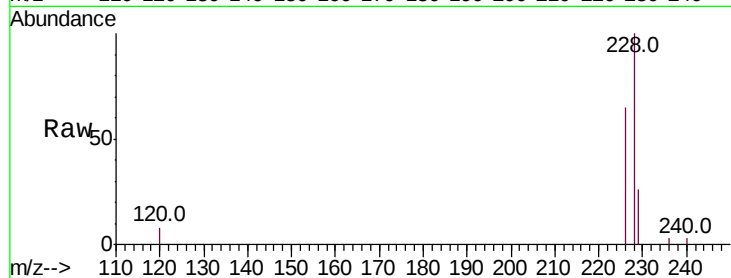
Tot Ion:228 Resp: 15482

Ion Ratio Lower Upper

228 100

226 65.0 24.2 36.4#

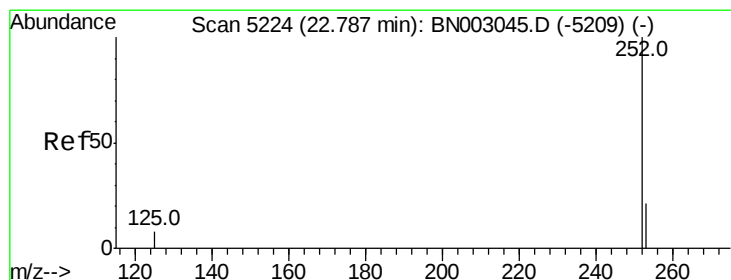
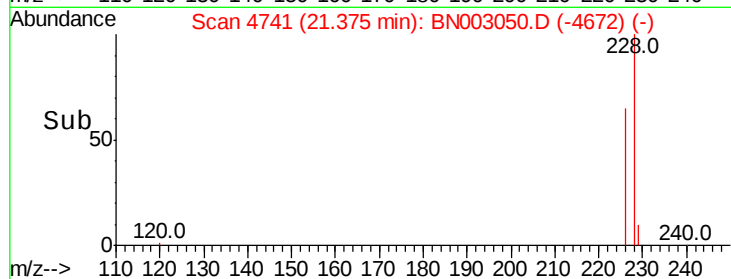
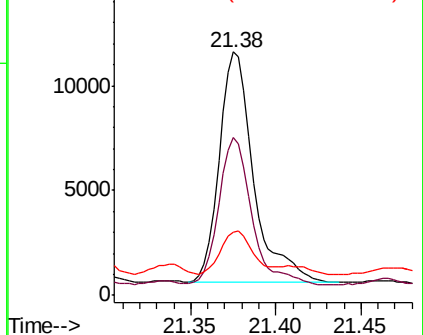
229 26.1 16.7 25.1#



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: 93.392 ng/ul

RT: 22.77 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

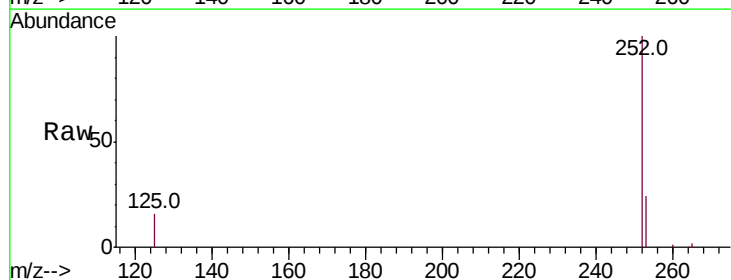
Tgt Ion:252 Resp: 140590

Ion Ratio Lower Upper

252 100

253 24.0 0.0 53.2

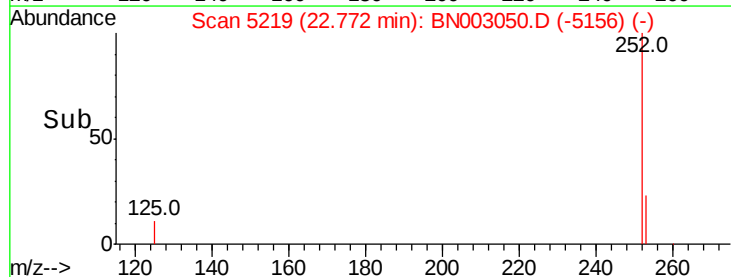
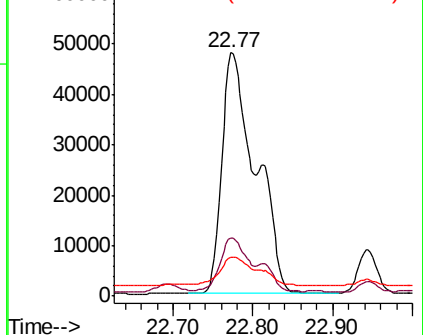
125 15.9 0.0 34.2

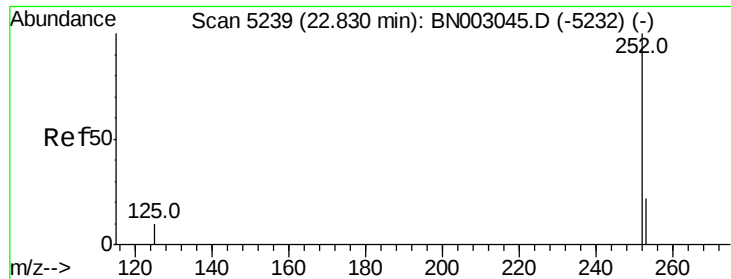


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 9.297 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.11 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

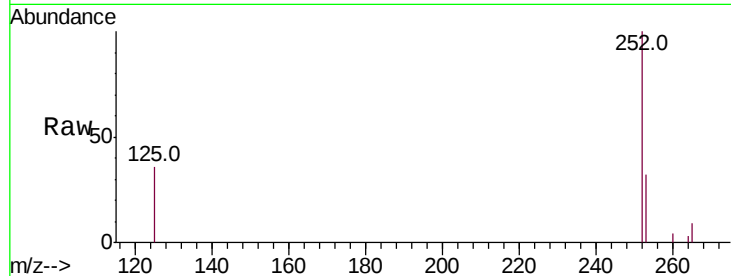
Tot Ion:252 Resp: 14509

Ion Ratio Lower Upper

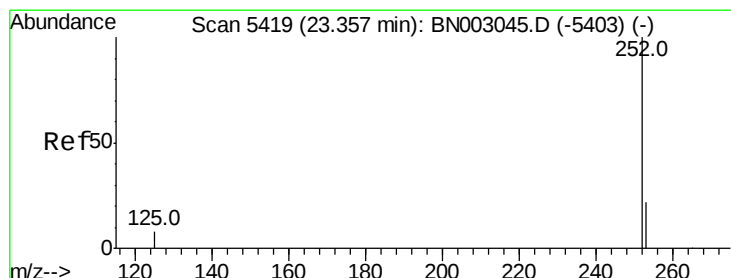
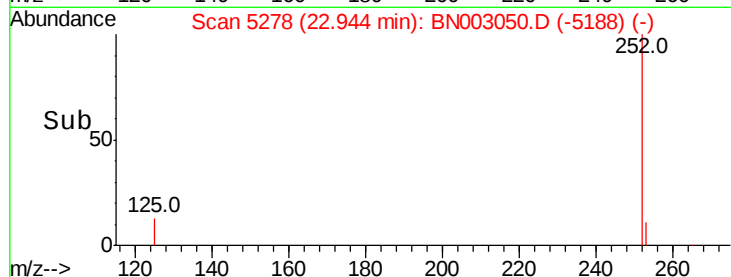
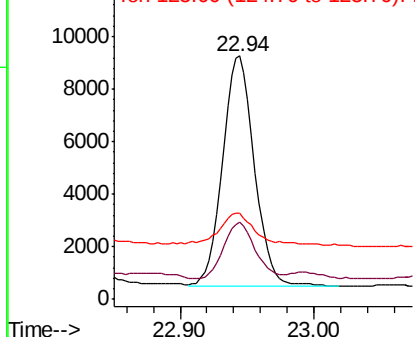
252 100

253 31.6 21.3 31.9

125 35.5 14.1 21.1#



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: 15.440 ng/ul

RT: 23.48 min Scan# 5461

Delta R.T. 0.12 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

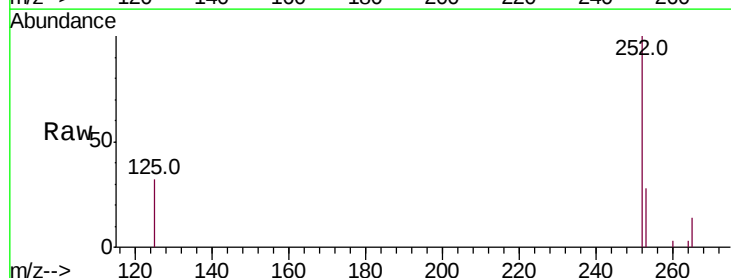
Tgt Ion:252 Resp: 20830

Ion Ratio Lower Upper

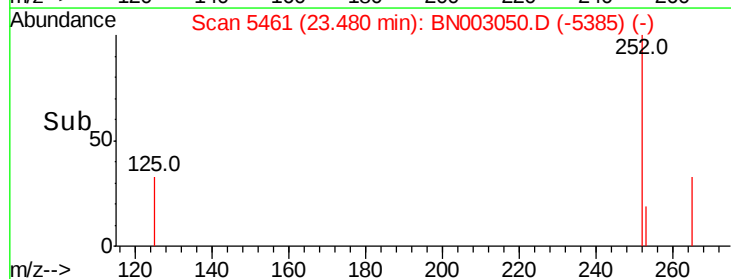
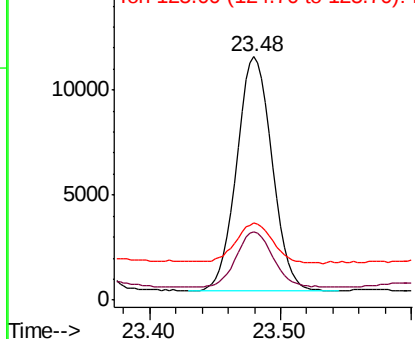
252 100

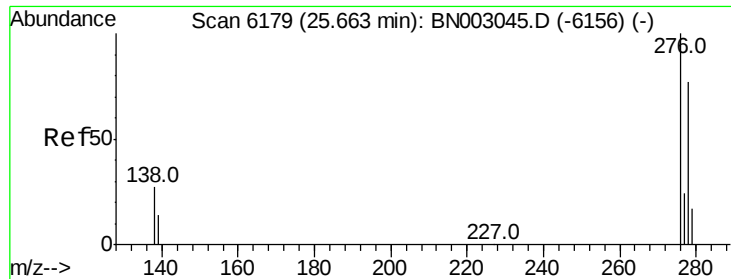
253 28.0 23.1 34.7

125 31.6 16.9 25.3#



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

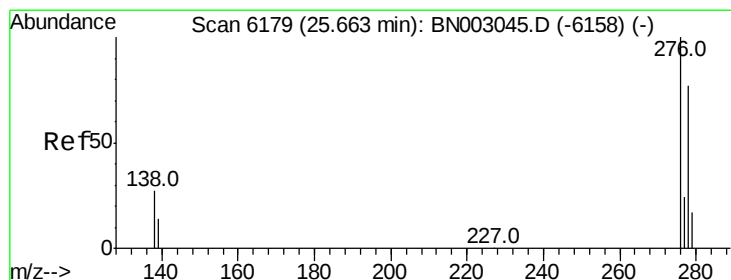
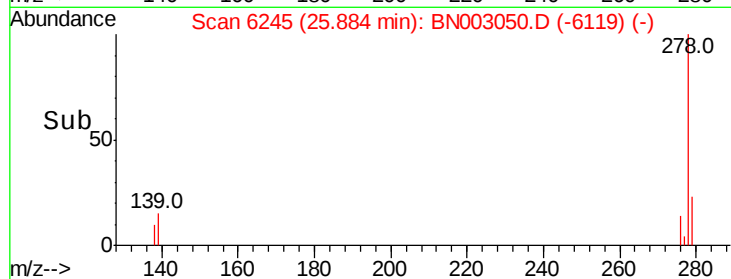
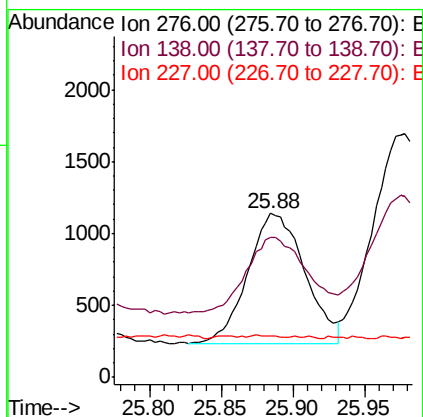
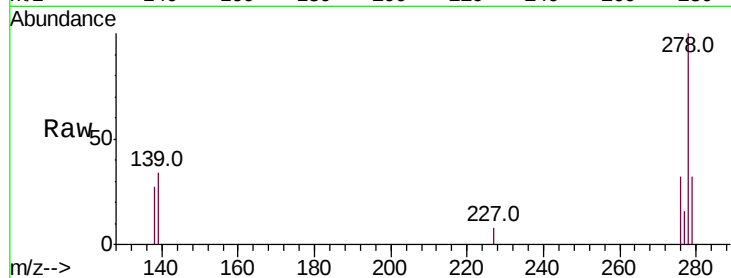




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.605 ng/ul
 RT: 25.88 min Scan# 6245
 Delta R.T. 0.22 min
 Lab File: BN003050.D
 Acq: 10 Oct 2018 04:55

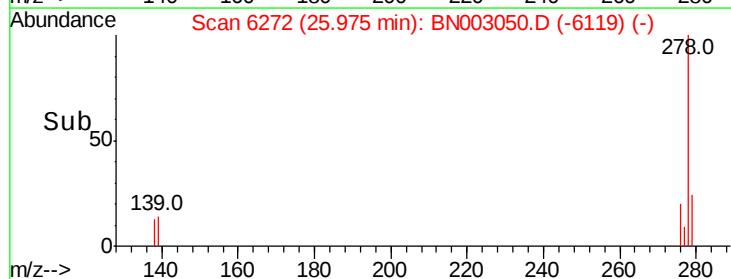
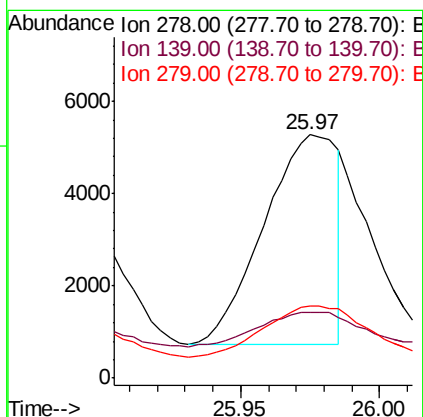
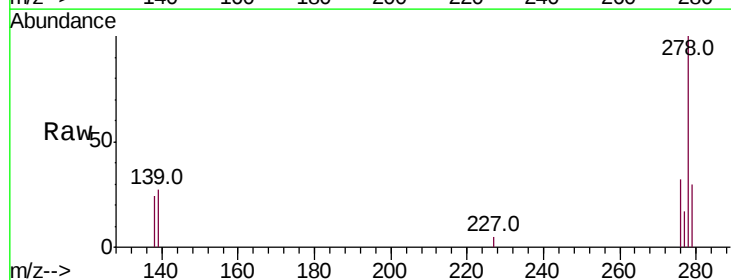
Instrument :
 BNA_N
 ClientSampleId :

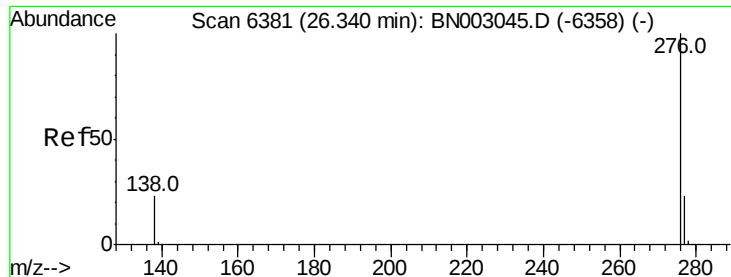
Tot Ion:276 Resp: 2488
 Ion Ratio Lower Upper
 276 100
 138 61.3 21.5 32.3#
 227 0.8 0.3 0.5#



#25
 Dibenzo(a,h)anthracene
 Concen: 6.737 ng/ul
 RT: 25.97 min Scan# 6272
 Delta R.T. 0.31 min
 Lab File: BN003050.D
 Acq: 10 Oct 2018 04:55

Tgt Ion:278 Resp: 8361
 Ion Ratio Lower Upper
 278 100
 139 27.2 20.2 30.4
 279 29.8 23.8 35.8





#26

Benzo(a,h,i)perylene

Concen: 29.236 ng/ul

RT: 26.31 min Scan# 6373

Delta R.T. -0.03 min

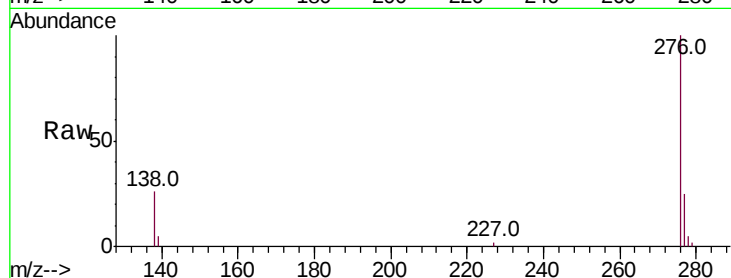
Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :



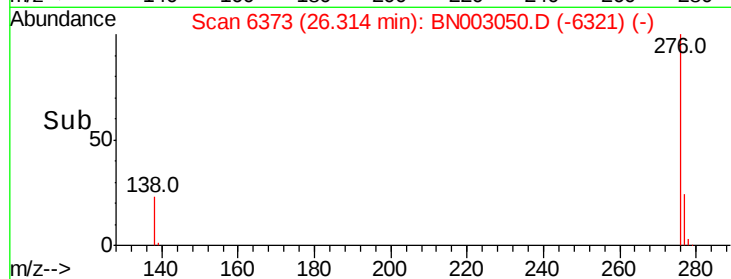
Tot Ion:276 Resp: 38220

Ion Ratio Lower Upper

276 100

138 26.2 23.0 34.4

277 25.3 22.0 33.0



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

