

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003051.D
 Acq On : 10 Oct 2018 05:30
 Operator : MJ/SJ
 Sample : J5115-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:39:11 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

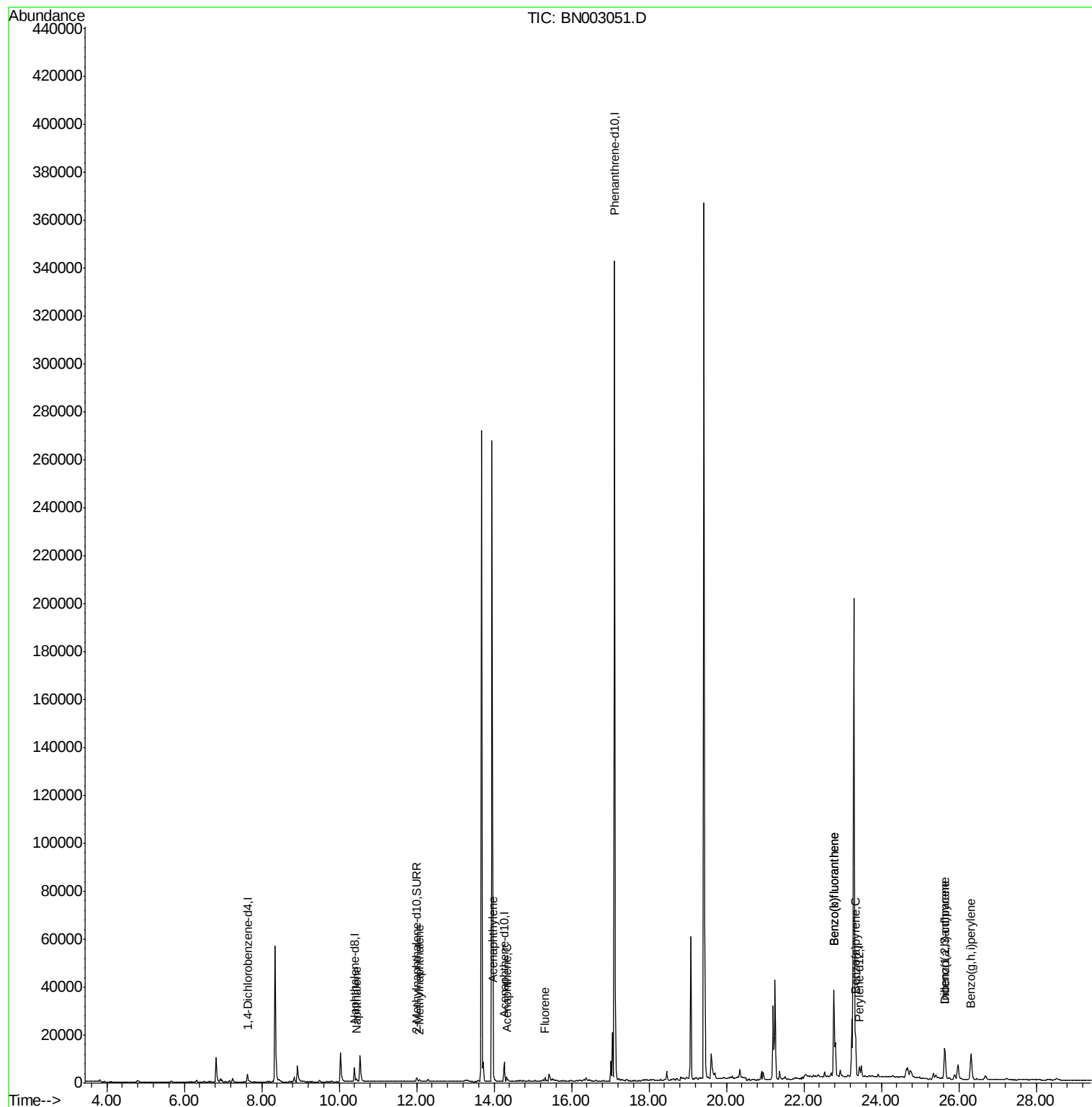
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1907	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7930	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	388394	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	5633	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2605	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.16	212	104	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1711	0.084	ng/ul#	91
5) 2-Methylnaphthalene	12.07	142	638	0.046	ng/ul	95
7) Acenaphthylene	13.98	152	893	0.044	ng/ul#	71
8) Acenaphthene	14.32	153	1232	0.080	ng/ul	97
9) Fluorene	15.32	166	1132	0.064	ng/ul#	95
21) Benzo(b)fluoranthene	22.77	252	68797	3.391	ng/ul	95
22) Benzo(k)fluoranthene	22.77	252	68797	3.271	ng/ul	94
23) Benzo(a)pyrene	23.34	252	20792	1.144	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.64	276	19959	0.955	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	5423	0.324	ng/ul#	82
26) Benzo(g,h,i)perylene	26.32	276	22580	1.282	ng/ul	96

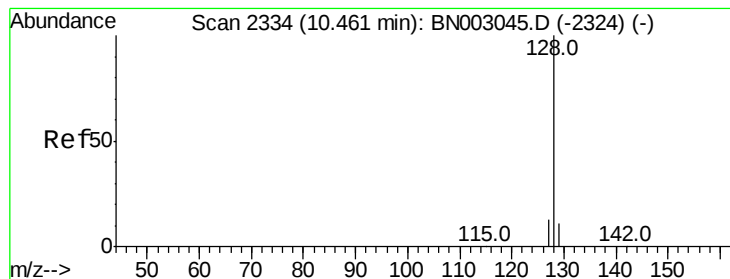
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.084 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

ClientSampleId :

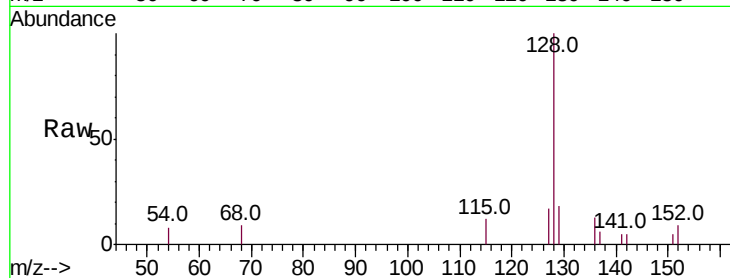
Tot Ion:128 Resp: 1711

Ion Ratio Lower Upper

128 100

129 17.8 10.4 15.6#

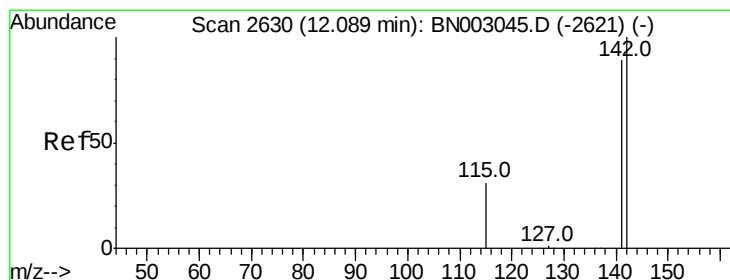
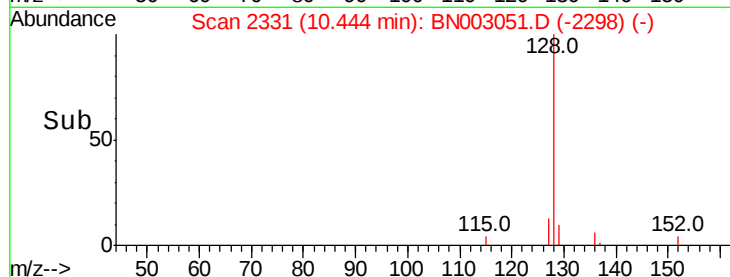
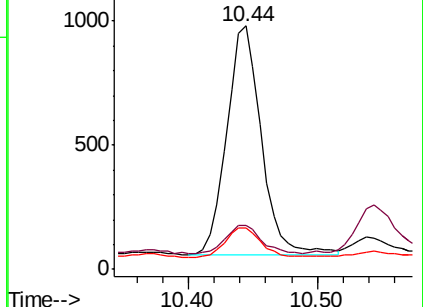
127 17.2 11.7 17.5



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: 0.046 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN003051.D

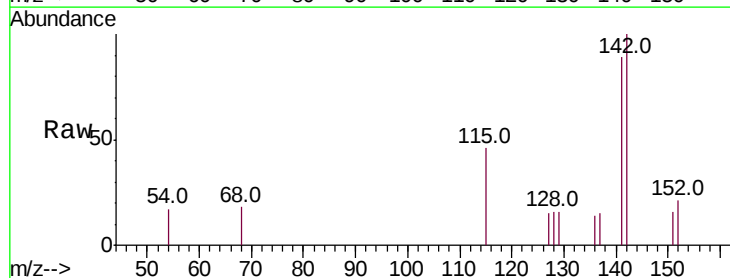
Acq: 10 Oct 2018 05:30

Tgt Ion:142 Resp: 638

Ion Ratio Lower Upper

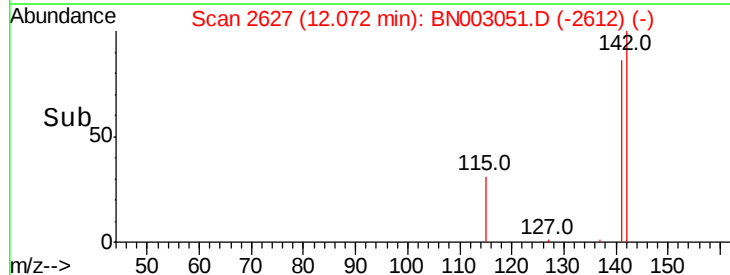
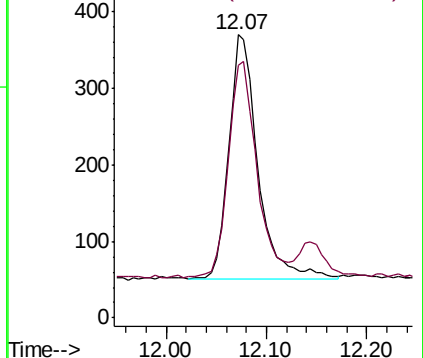
142 100

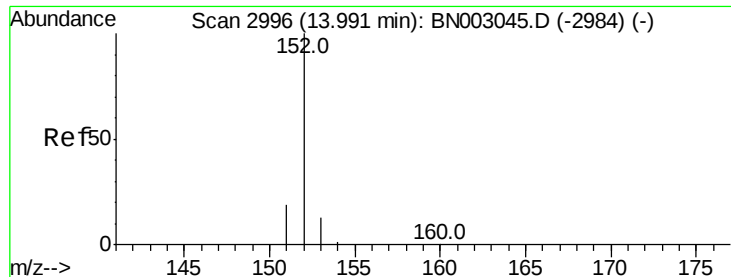
141 86.8 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

ClientSampleId :

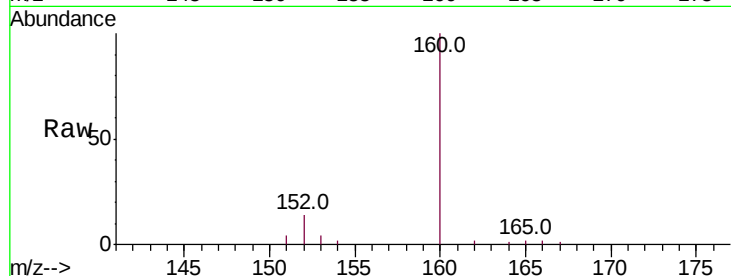
Tot Ion:152 Resp: 893

Ion Ratio Lower Upper

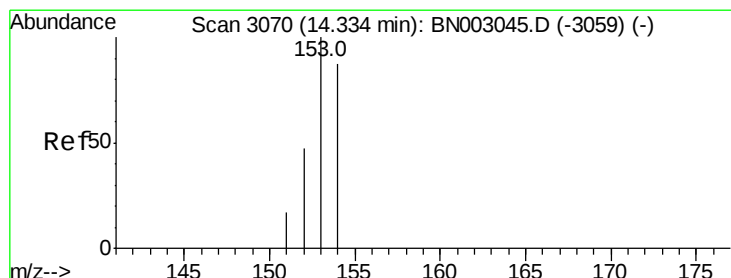
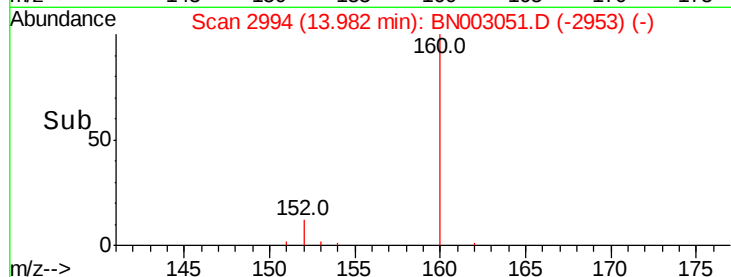
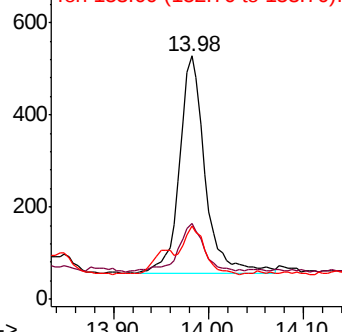
152 100

151 31.1 16.5 24.7#

153 30.1 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: 0.080 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

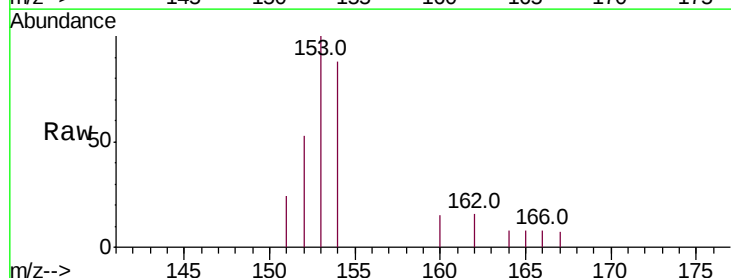
Tgt Ion:153 Resp: 1232

Ion Ratio Lower Upper

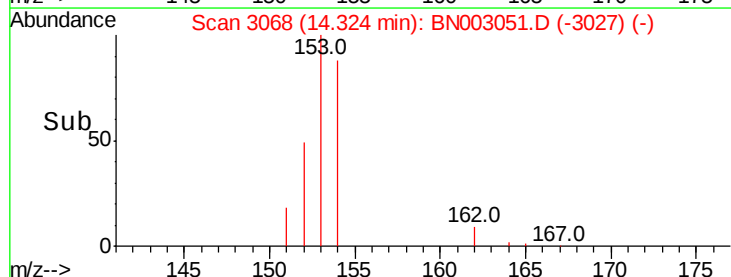
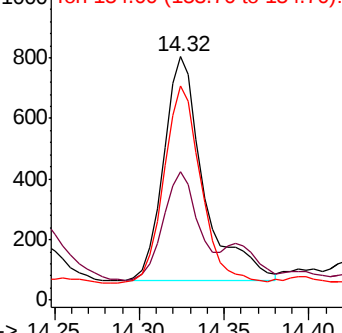
153 100

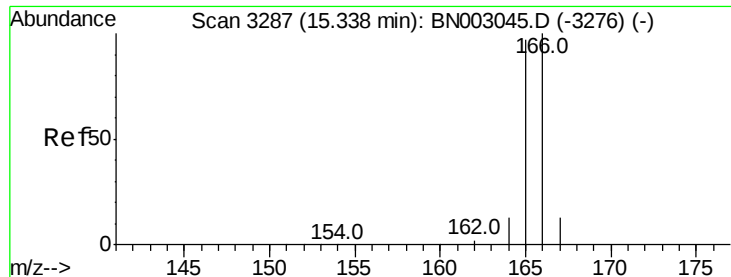
152 52.7 38.2 57.4

154 87.9 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: 0.064 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

ClientSampleId :

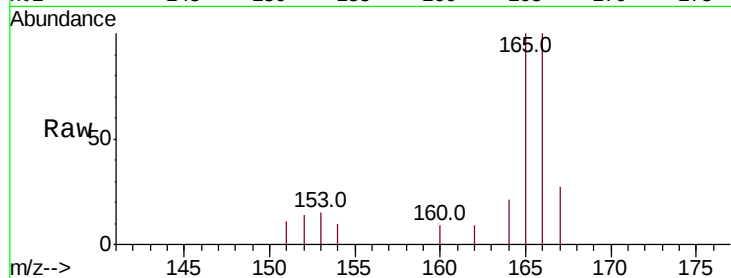
Tot Ion:166 Resp: 1132

Ion Ratio Lower Upper

166 100

165 100.0 78.5 117.7

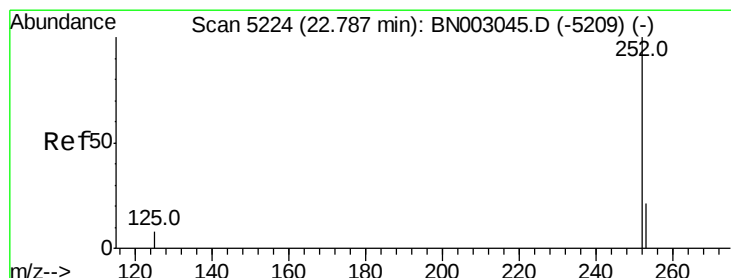
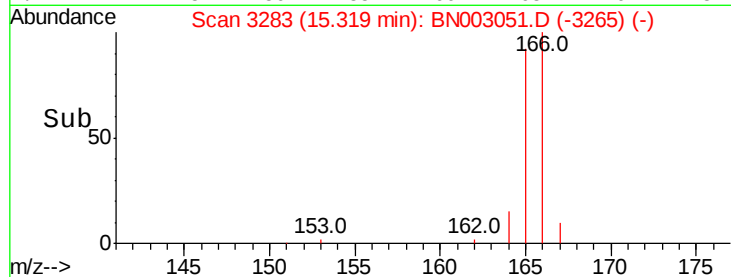
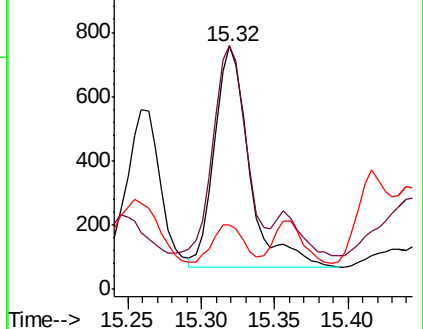
167 26.5 11.6 17.4#



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



#21

Benzo(b)fluoranthene

Concen: 3.391 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

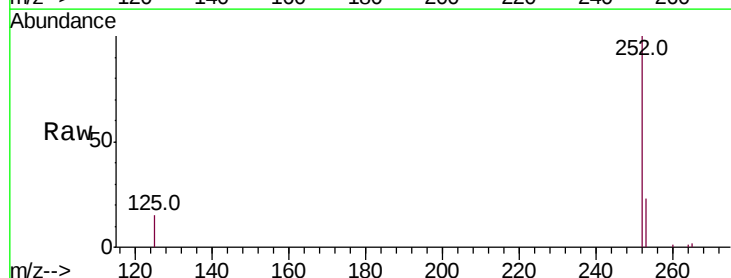
Tgt Ion:252 Resp: 68797

Ion Ratio Lower Upper

252 100

253 23.4 0.0 53.2

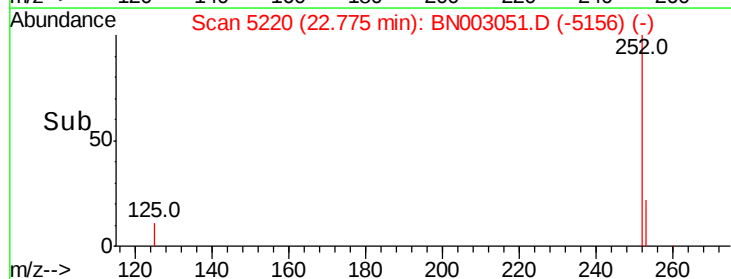
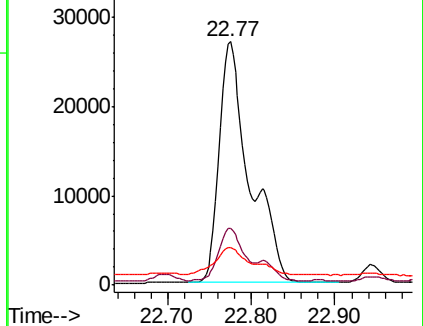
125 15.3 0.0 34.2

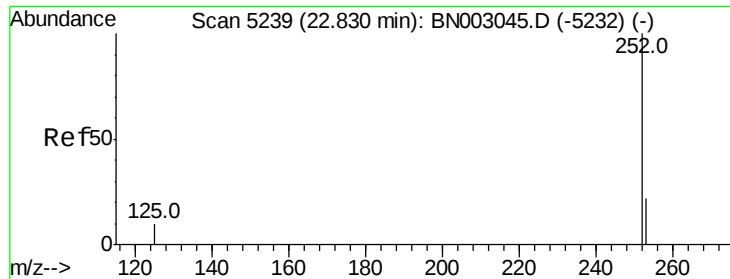


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.271 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.06 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

ClientSampleId :

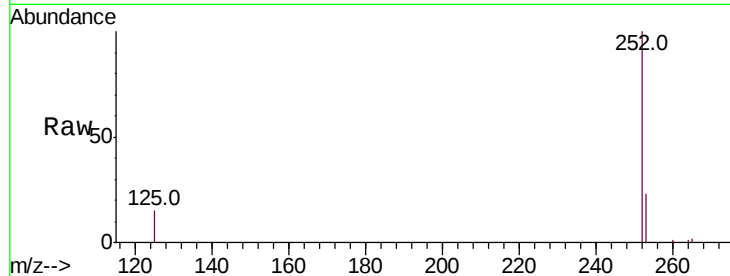
Tot Ion:252 Resp: 68797

Ion Ratio Lower Upper

252 100

253 23.4 21.3 31.9

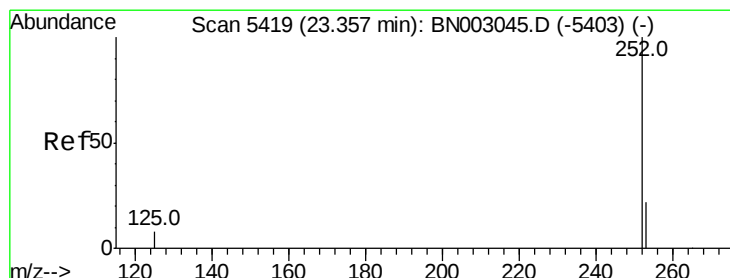
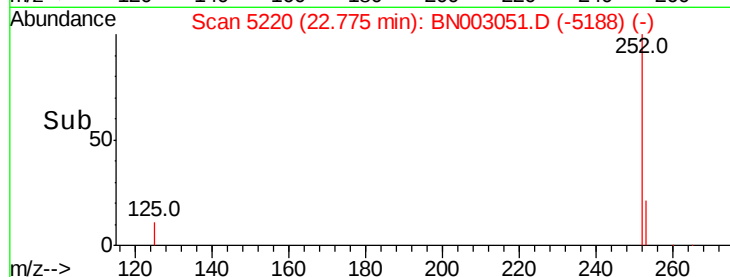
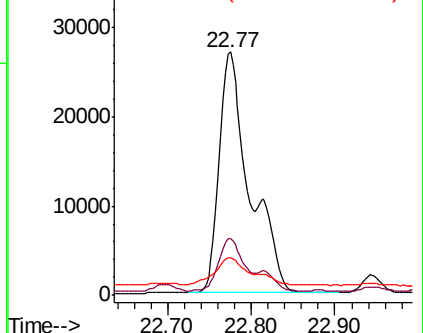
125 15.3 14.1 21.1



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: 1.144 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

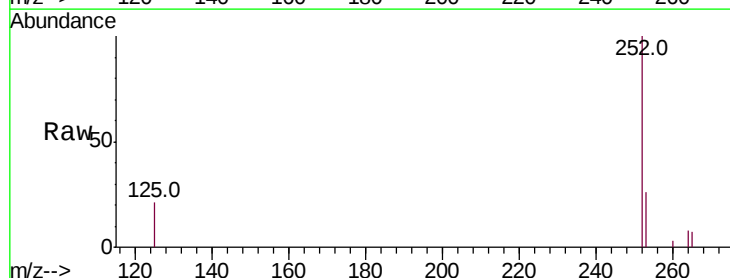
Tgt Ion:252 Resp: 20792

Ion Ratio Lower Upper

252 100

253 25.5 23.1 34.7

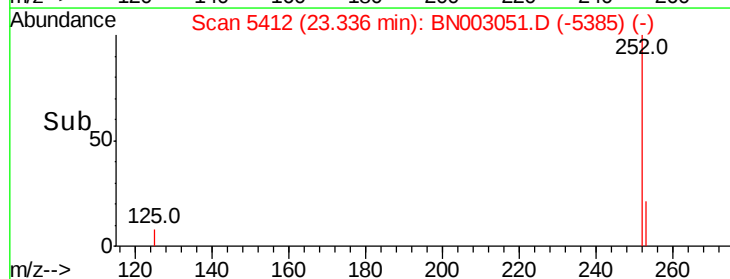
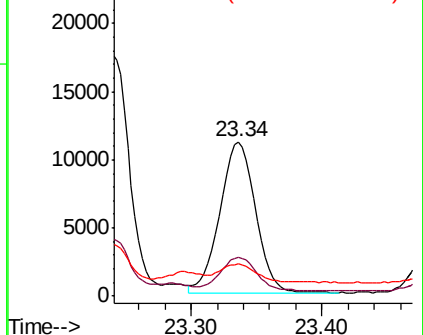
125 21.0 16.9 25.3

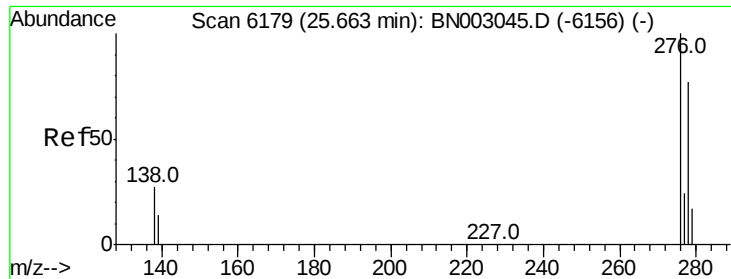


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



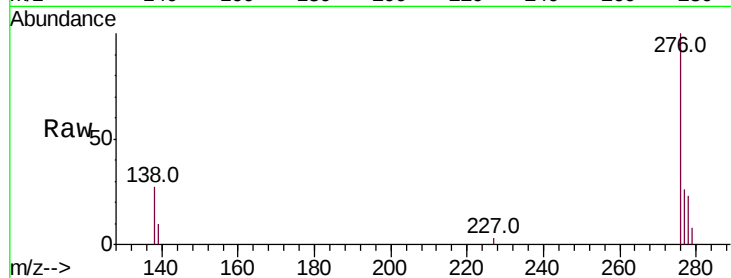


#24

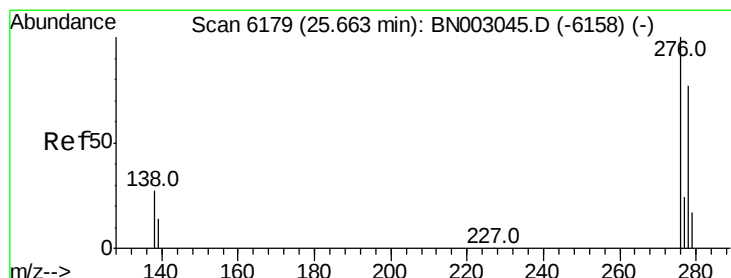
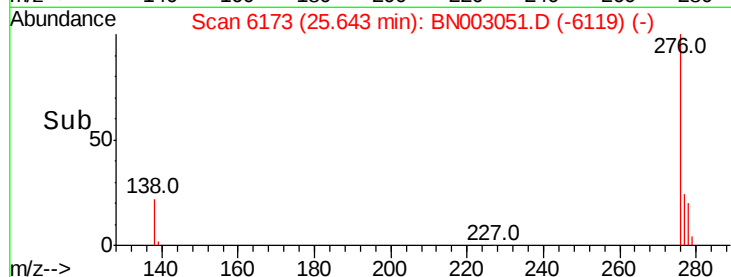
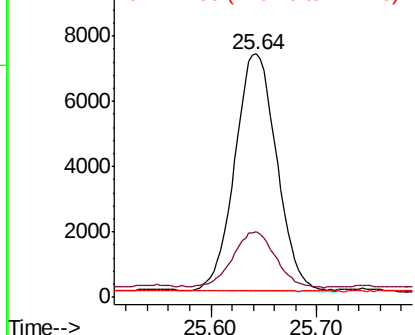
Indeno(1,2,3-cd)pyrene
Concen: 0.955 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 19959
Ion Ratio Lower Upper
276 100
138 23.7 21.5 32.3
227 0.3 0.3 0.5#



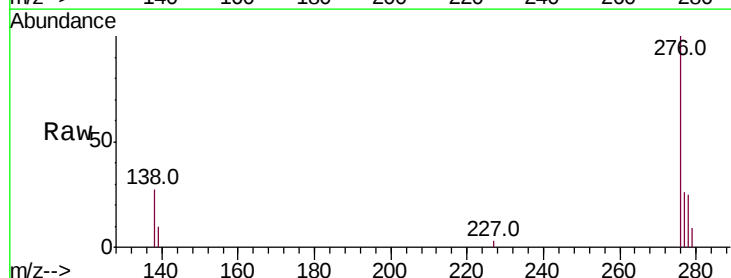
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



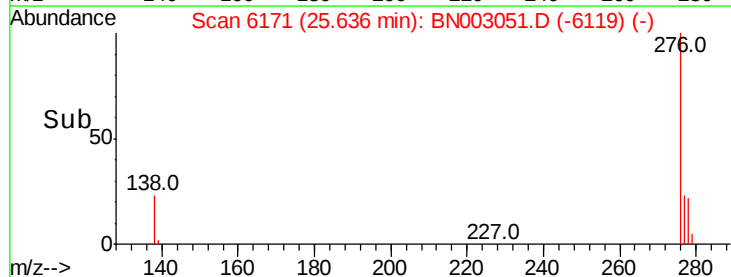
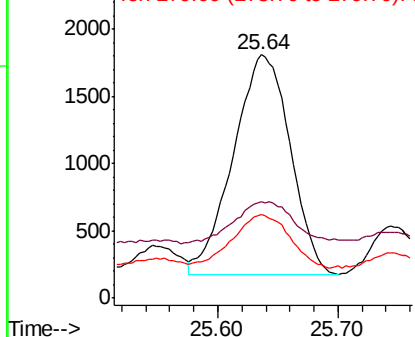
#25

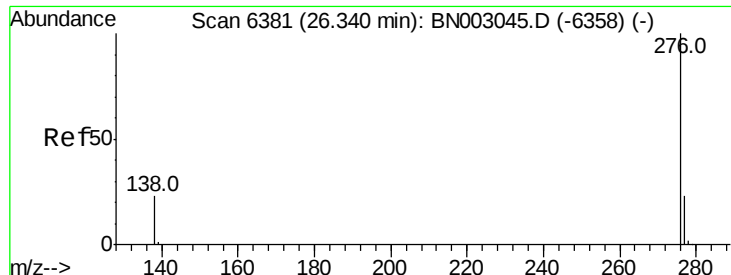
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 25.64 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Tgt Ion:278 Resp: 5423
Ion Ratio Lower Upper
278 100
139 39.8 20.2 30.4#
279 34.6 23.8 35.8



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: 1.282 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.02 min

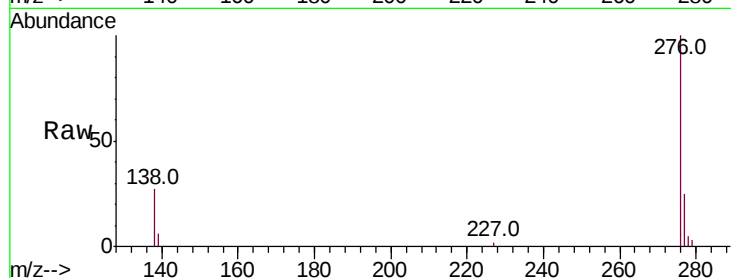
Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

ClientSampleId :



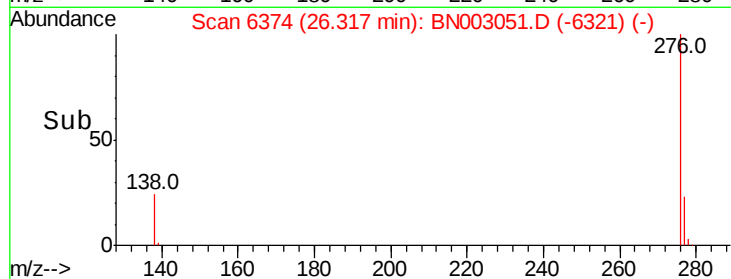
Tot Ion:276 Resp: 22580

Ion Ratio Lower Upper

276 100

138 27.1 23.0 34.4

277 25.3 22.0 33.0



Abundance Ion 276.00 (275.70 to 276.70): E

10000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

