

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003038.D
 Acq On : 09 Oct 2018 21:51
 Operator : MJ/SJ
 Sample : J5157-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 01:38:04 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 01:34:31 2018
 Response via : Initial Calibration

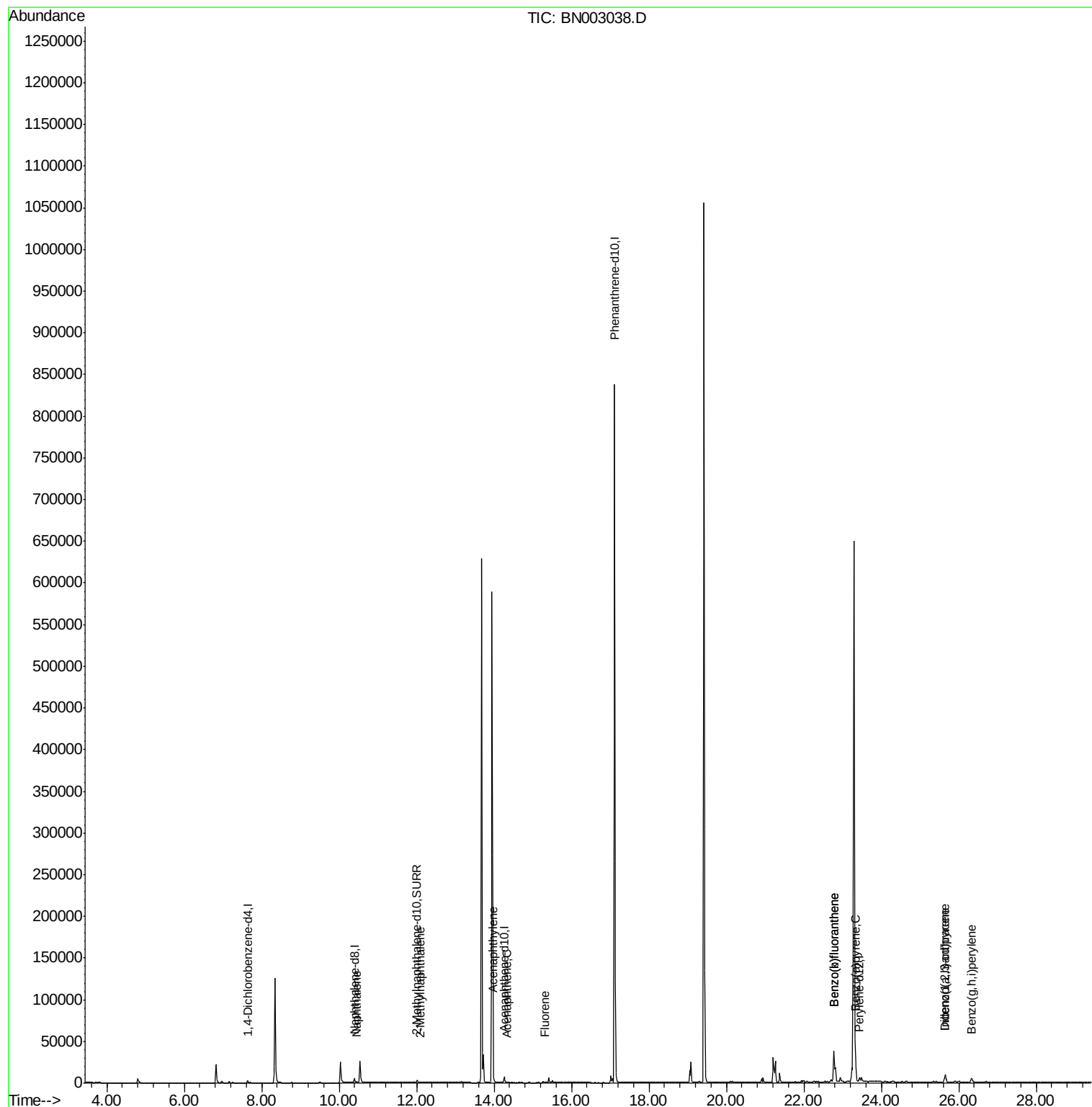
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1573	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6606	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4174	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	959084	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	8313	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5556	0.54	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	1459	0.086	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	245	0.021	ng/ul	92
7) Acenaphthylene	13.98	152	3339	0.175	ng/ul	98
8) Acenaphthene	14.32	153	435	0.030	ng/ul#	94
9) Fluorene	15.32	166	603	0.036	ng/ul#	96
21) Benzo(b)fluoranthene	22.78	252	76210	2.546	ng/ul	92
22) Benzo(k)fluoranthene	22.78	252	76210	2.456	ng/ul#	92
23) Benzo(a)pyrene	23.34	252	31161	1.161	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.66	276	13764	0.446	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3716	0.151	ng/ul#	89
26) Benzo(g,h,i)perylene	26.33	276	10665	0.410	ng/ul	97

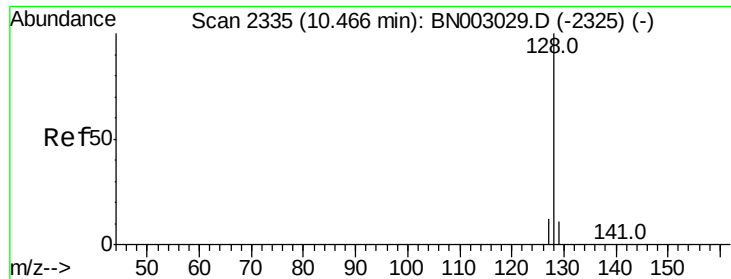
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.086 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003038.D

Acq: 09 Oct 2018 21:51

Instrument :

BNA_N

ClientSampleId :

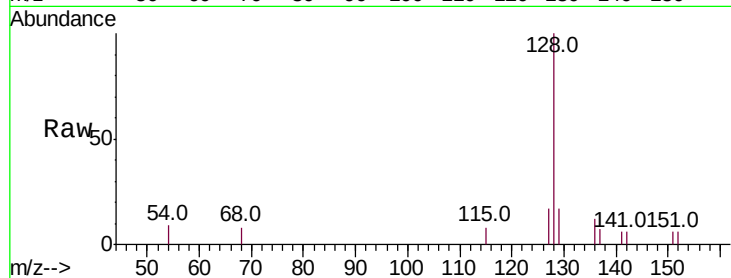
Tot Ion:128 Resp: 1459

Ion Ratio Lower Upper

128 100

129 17.3 10.4 15.6#

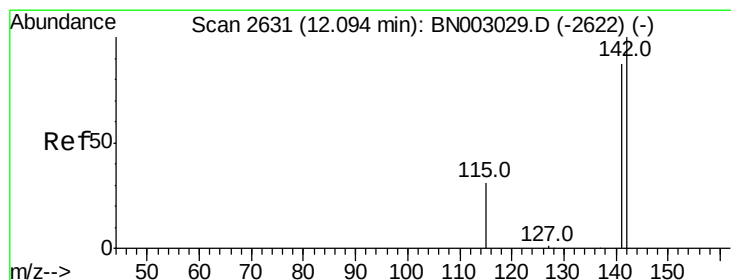
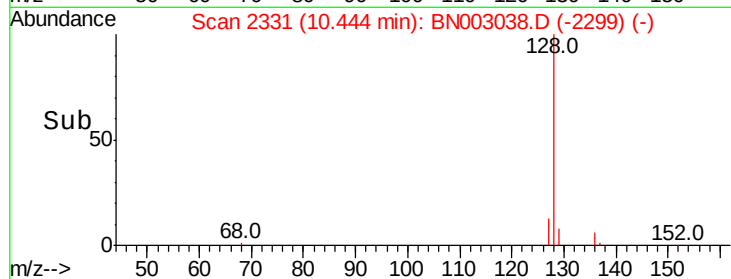
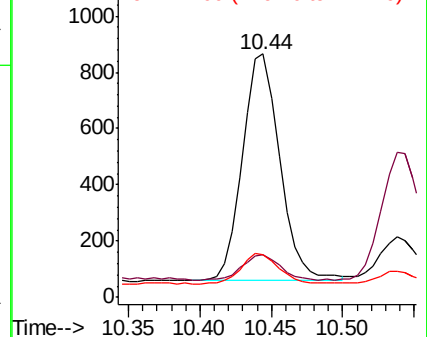
127 17.3 11.7 17.5



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: 0.021 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BN003038.D

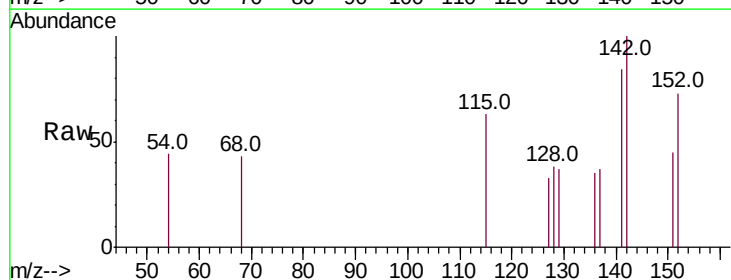
Acq: 09 Oct 2018 21:51

Tgt Ion:142 Resp: 245

Ion Ratio Lower Upper

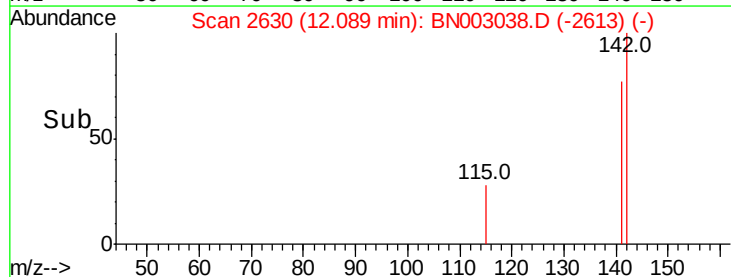
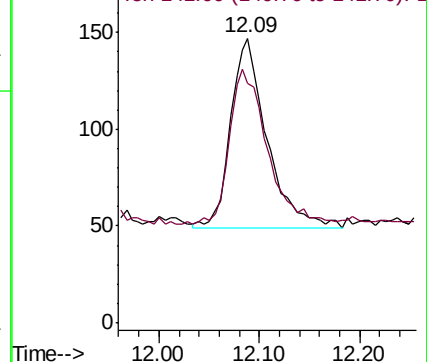
142 100

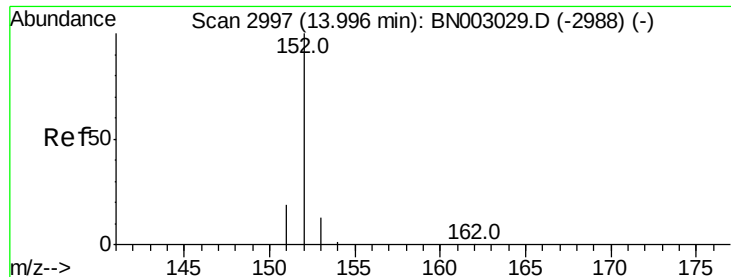
141 84.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.175 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003038.D

Acq: 09 Oct 2018 21:51

Instrument :

BNA_N

ClientSampleId :

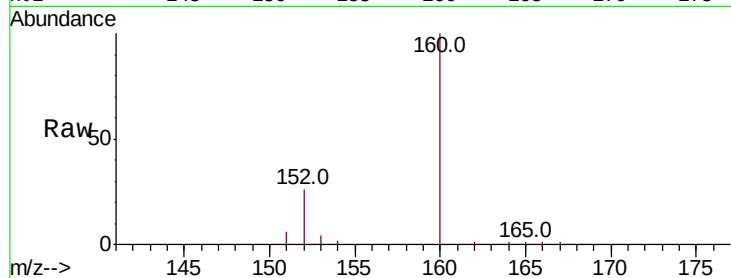
Tot Ion:152 Resp: 3339

Ion Ratio Lower Upper

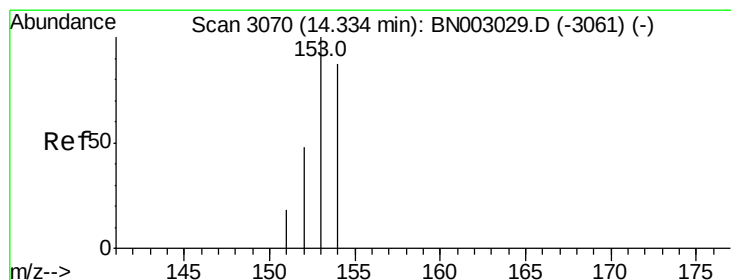
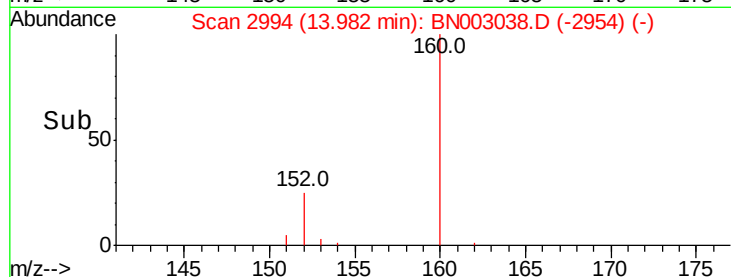
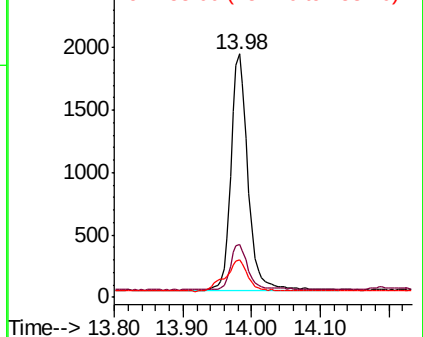
152 100

151 21.6 16.5 24.7

153 15.4 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: 0.030 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003038.D

Acq: 09 Oct 2018 21:51

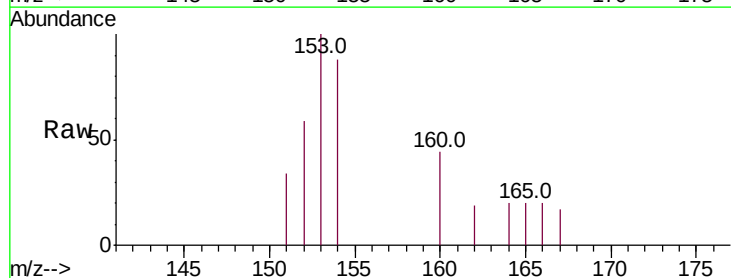
Tgt Ion:153 Resp: 435

Ion Ratio Lower Upper

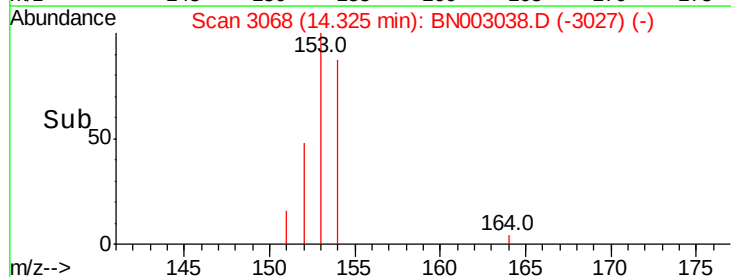
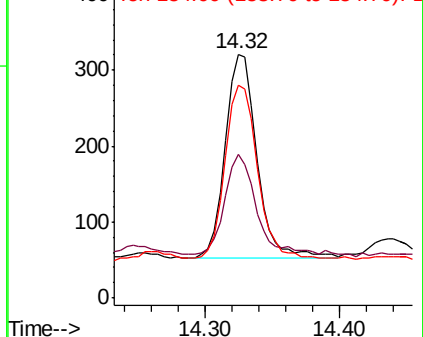
153 100

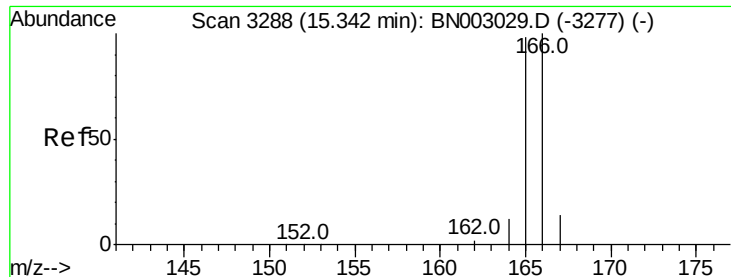
152 58.9 38.2 57.4#

154 87.5 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

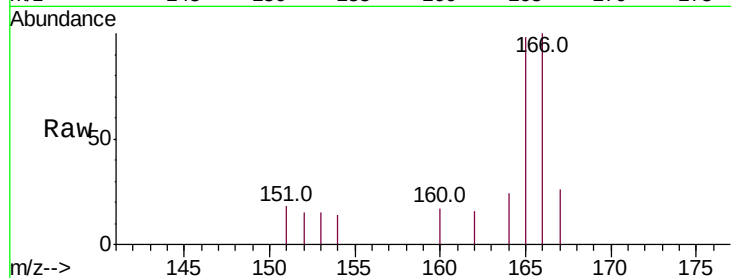




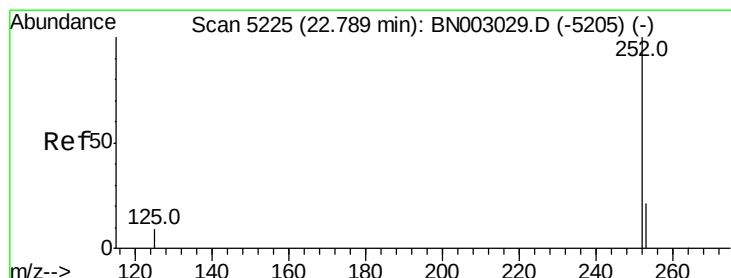
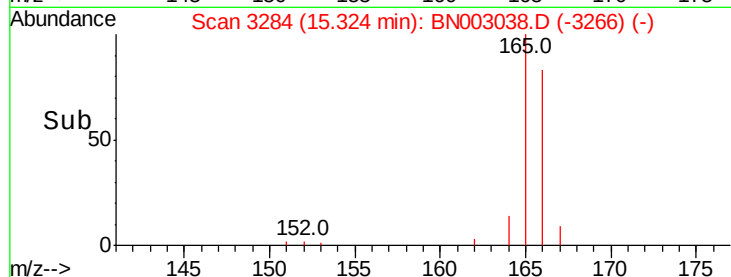
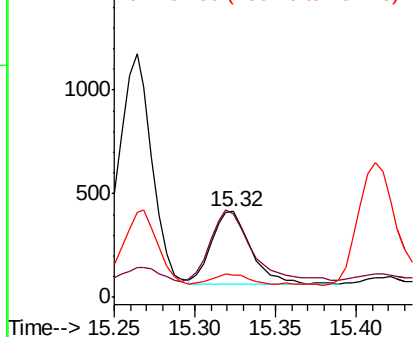
#9
Fluorene
 Concen: 0.036 ng/ul
 RT: 15.32 min Scan# 3284
 Delta R.T. -0.02 min
 Lab File: BN003038.D
 Acq: 09 Oct 2018 21:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 603
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.5 117.7
 167 26.3 11.6 17.4#

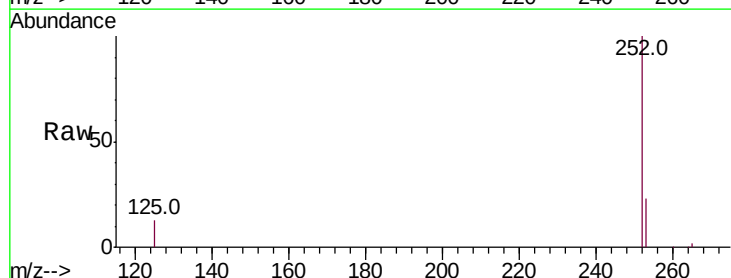


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

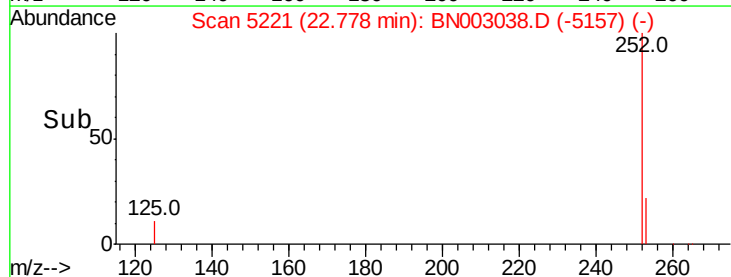
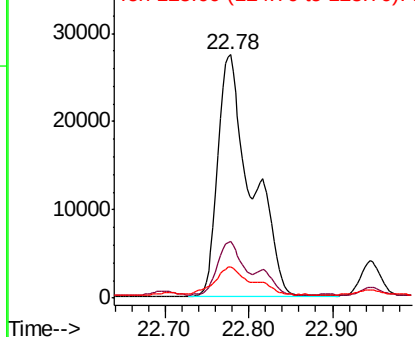


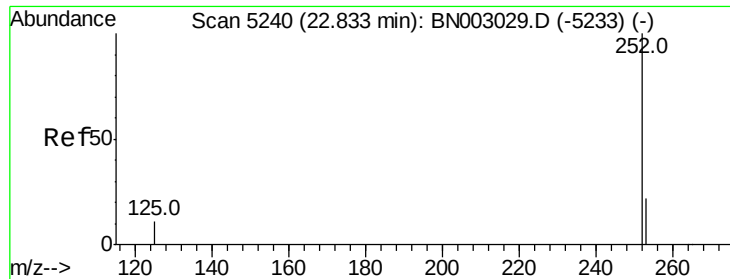
#21
Benzo(b)fluoranthene
 Concen: 2.546 ng/ul
 RT: 22.78 min Scan# 5221
 Delta R.T. -0.01 min
 Lab File: BN003038.D
 Acq: 09 Oct 2018 21:51

Tgt Ion:252 Resp: 76210
 Ion Ratio Lower Upper
 252 100
 253 23.2 0.0 53.2
 125 12.7 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

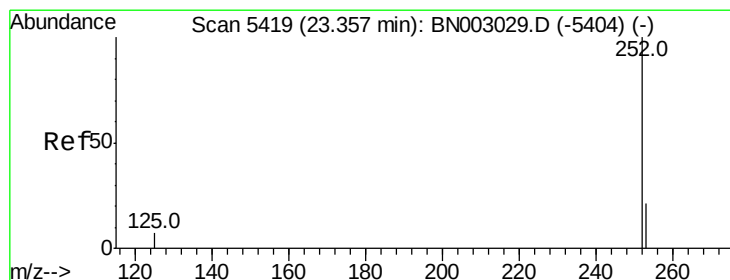
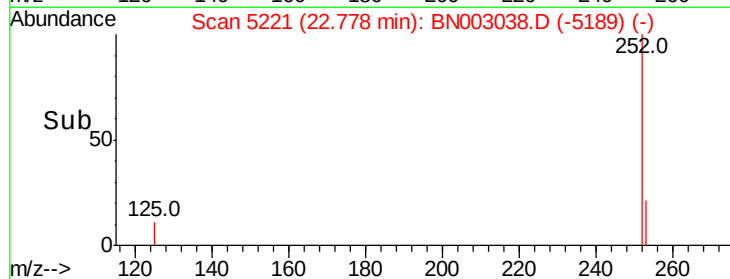
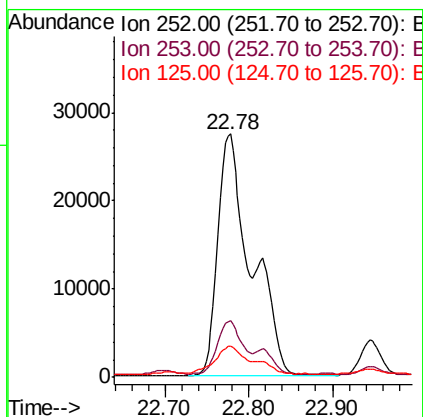
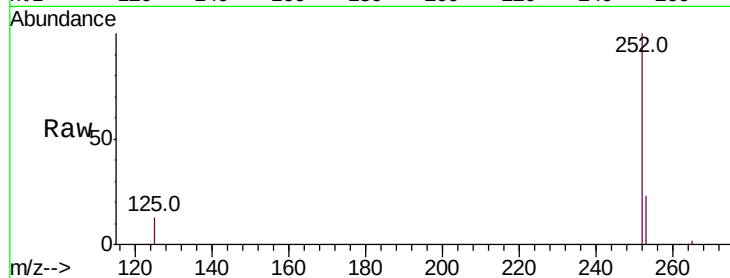




#22
Benzo(k)fluoranthene
Concen: 2.456 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.06 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

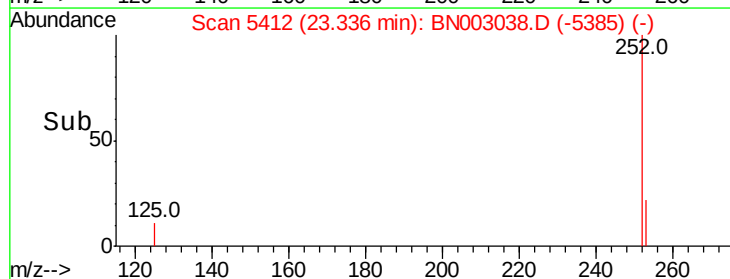
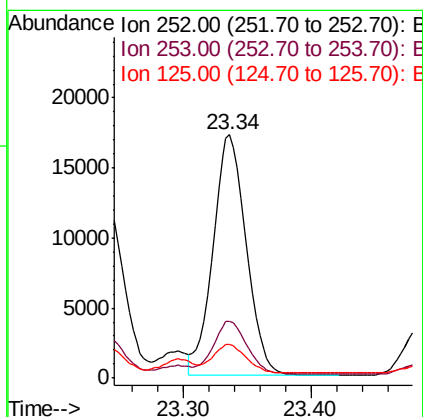
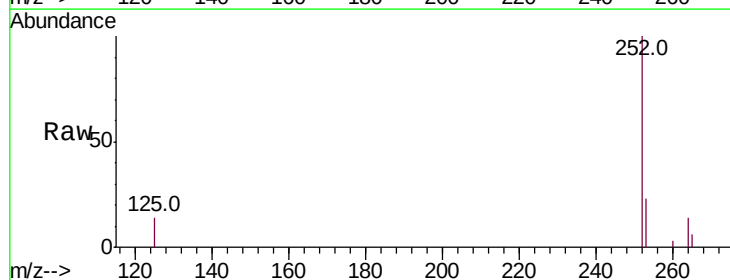
Instrument :
BNA_N
ClientSampleId :

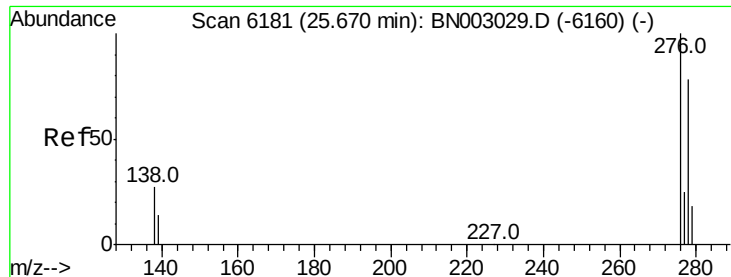
Tot Ion:252 Resp: 76210
Ion Ratio Lower Upper
252 100
253 23.2 21.3 31.9
125 12.7 14.1 21.1#



#23
Benzo(a)pyrene
Concen: 1.161 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:252 Resp: 31161
Ion Ratio Lower Upper
252 100
253 23.4 23.1 34.7
125 14.0 16.9 25.3#



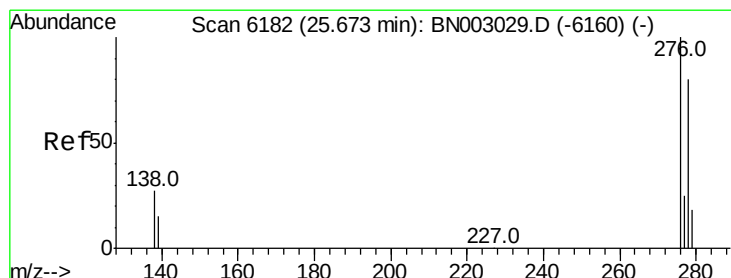
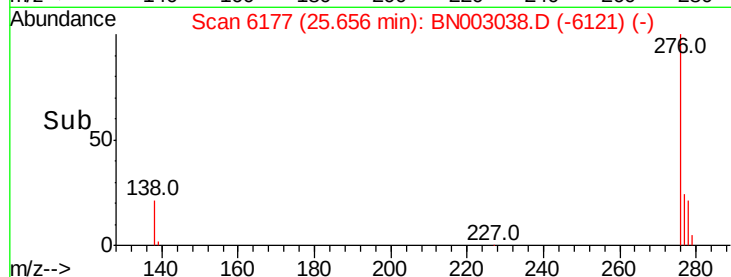
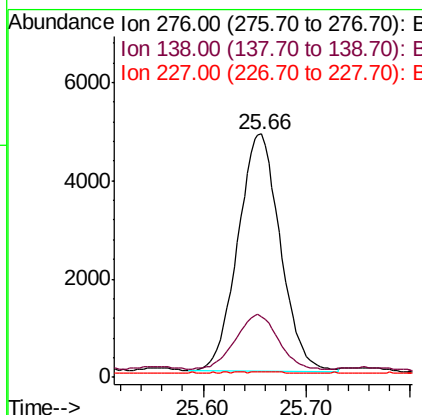
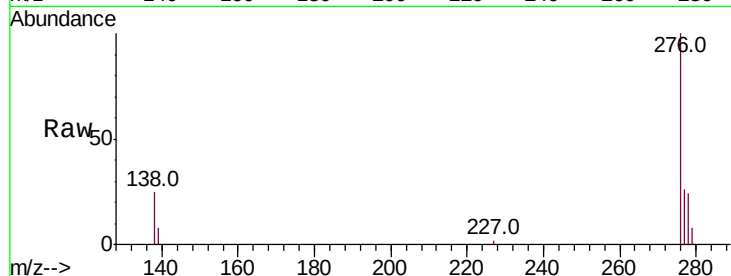


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng/ul
RT: 25.66 min Scan# 6177
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Instrument :
BNA_N
ClientSampleId :

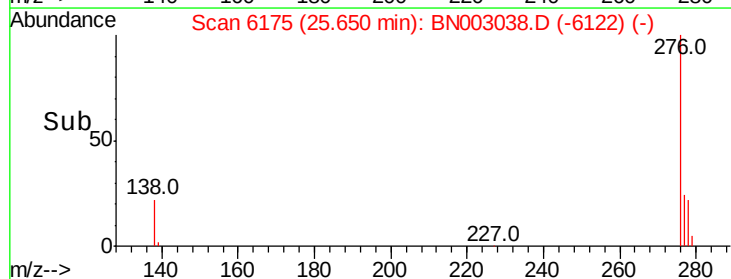
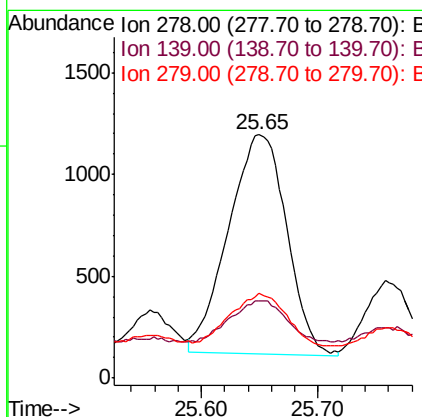
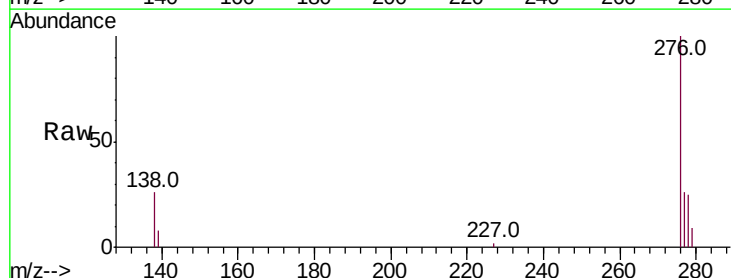
Tot Ion:276 Resp: 13764
Ion Ratio Lower Upper
276 100
138 23.4 21.5 32.3
227 0.2 0.3 0.5#

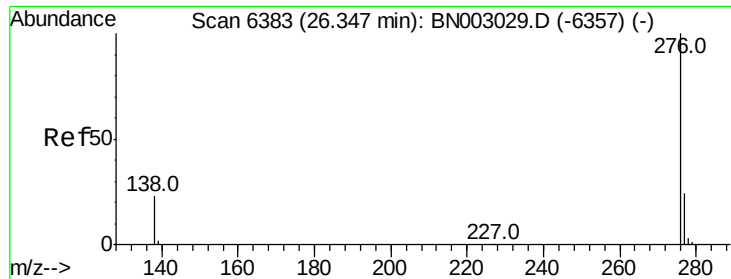


#25

Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:278 Resp: 3716
Ion Ratio Lower Upper
278 100
139 31.9 20.2 30.4#
279 34.6 23.8 35.8





#26

Benzo(a,h,i)perylene

Concen: 0.410 ng/ul

RT: 26.33 min Scan# 6379

Delta R.T. -0.01 min

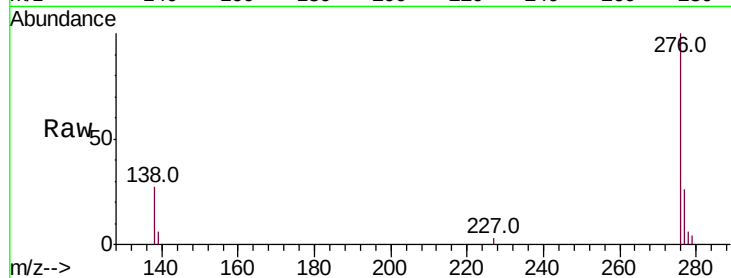
Lab File: BN003038.D

Acq: 09 Oct 2018 21:51

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 10665

Ion Ratio Lower Upper

276 100

138 27.0 23.0 34.4

277 26.4 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

