

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN003012.D
 Acq On : 09 Oct 2018 06:05
 Operator : MJ/SJ
 Sample : J5116-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 08:57:08 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

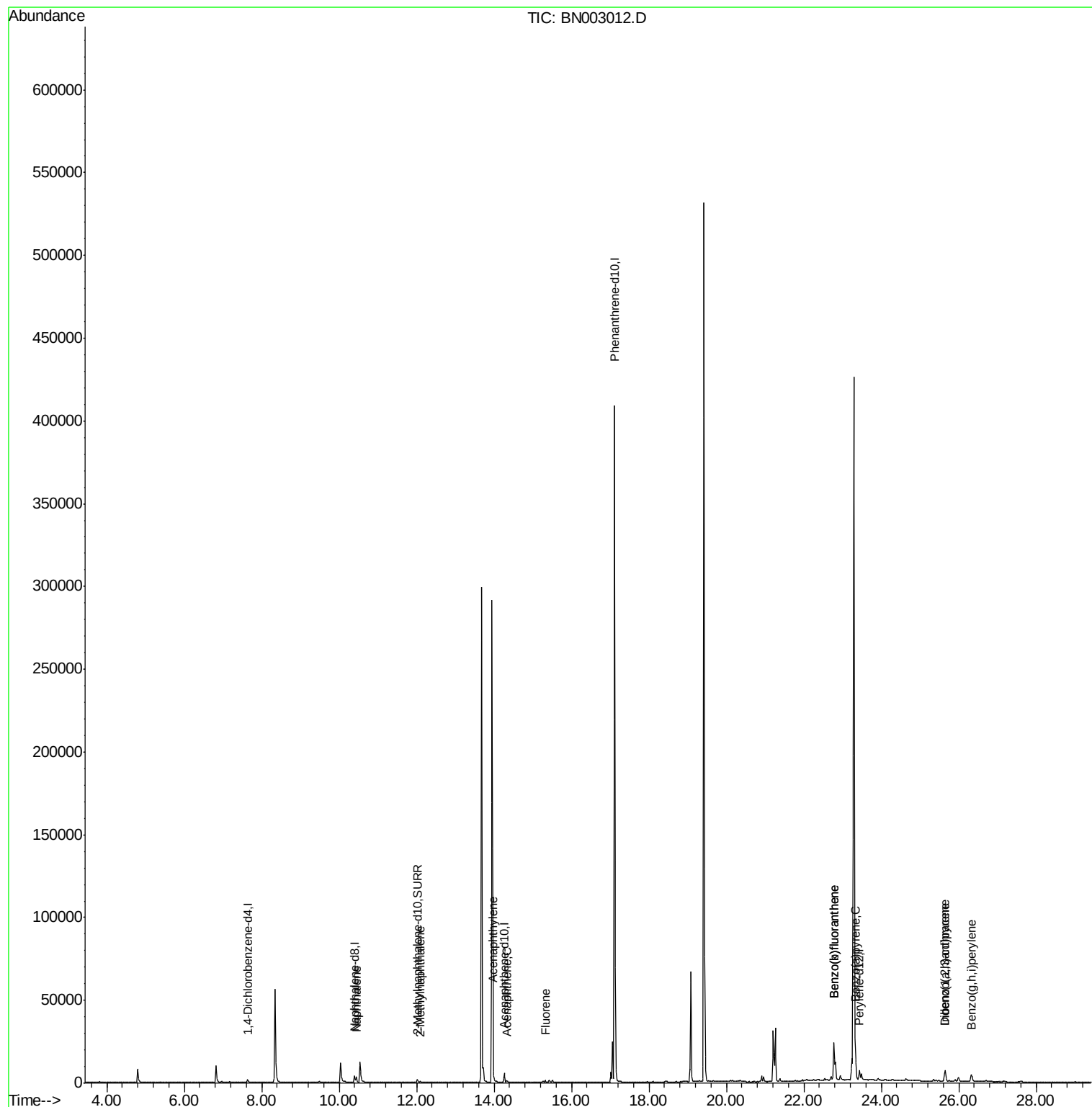
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1134	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	4969	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	484763	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	7839	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2680	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	4705	0.369	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	291	0.033	ng/ul	100
7) Acenaphthylene	13.98	152	695	0.049	ng/ul#	79
8) Acenaphthene	14.32	153	656	0.062	ng/ul	95
9) Fluorene	15.32	166	944	0.077	ng/ul#	98
21) Benzo(b)fluoranthene	22.78	252	47145	1.670	ng/ul	95
22) Benzo(k)fluoranthene	22.78	252	47145	1.611	ng/ul	95
23) Benzo(a)pyrene	23.33	252	17747	0.701	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	10865	0.374	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.65	278	2812	0.121	ng/ul#	77
26) Benzo(g,h,i)perylene	26.33	276	9140	0.373	ng/ul	99

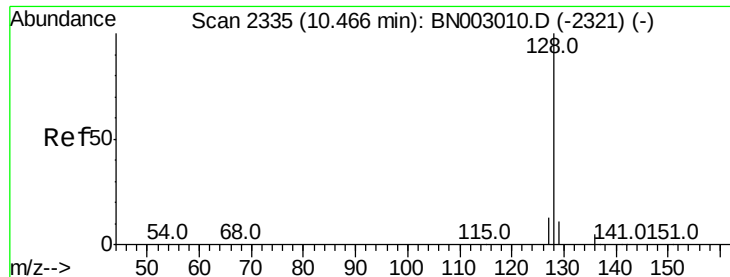
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.369 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

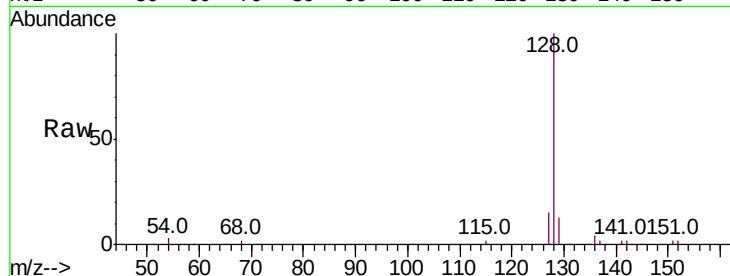
Tot Ion:128 Resp: 4705

Ion Ratio Lower Upper

128 100

129 13.0 10.4 15.6

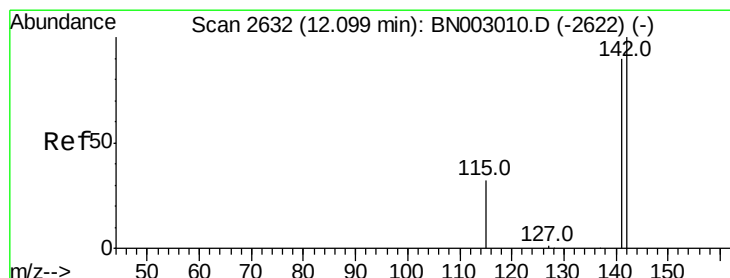
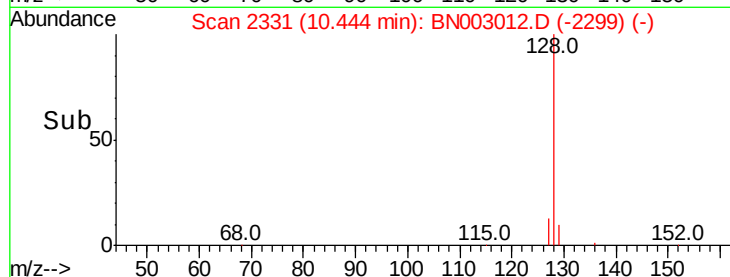
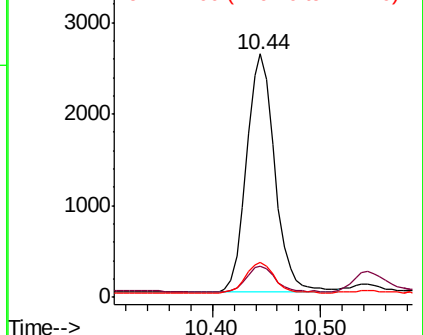
127 14.6 11.7 17.5



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: 0.033 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN003012.D

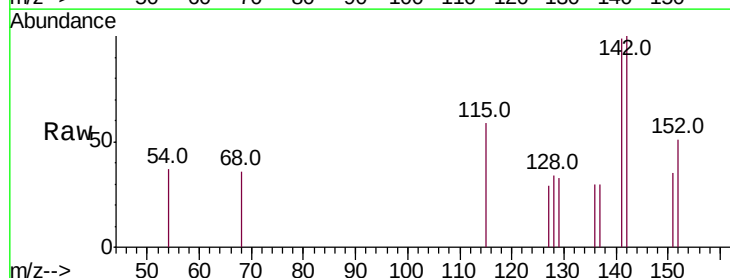
Acq: 09 Oct 2018 06:05

Tgt Ion:142 Resp: 291

Ion Ratio Lower Upper

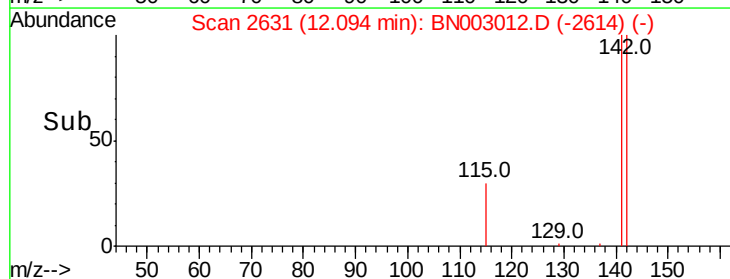
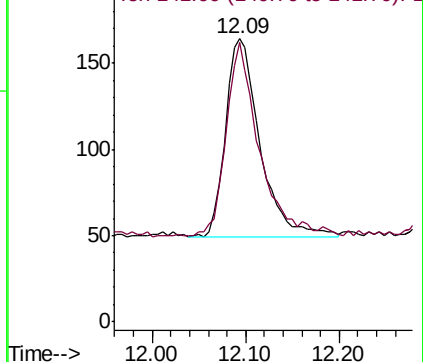
142 100

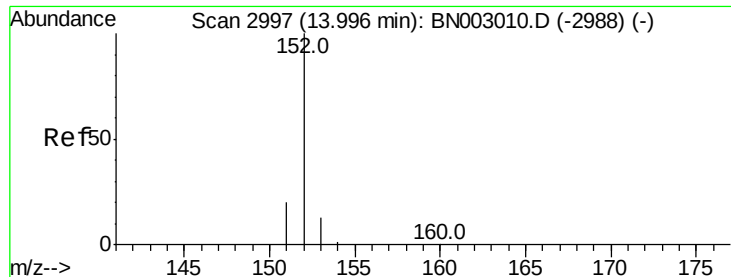
141 91.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

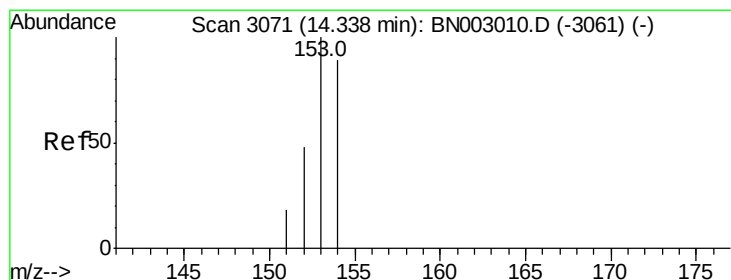
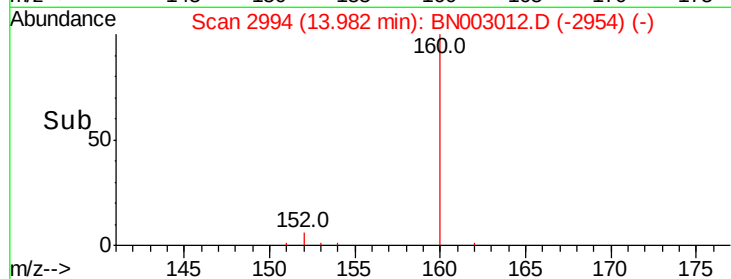
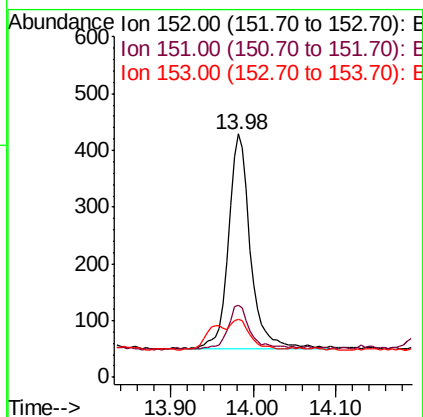
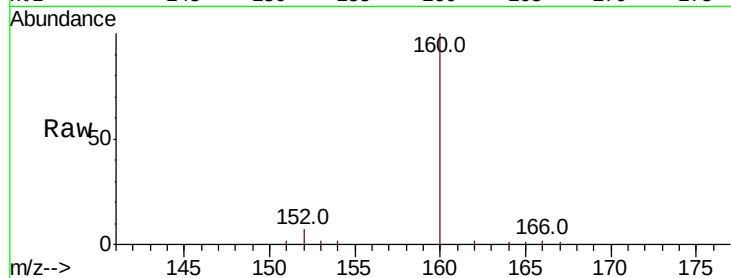
Tot Ion:152 Resp: 695

Ion Ratio Lower Upper

152 100

151 29.4 16.5 24.7#

153 23.8 11.4 17.2#



#8

Acenaphthene

Concen: 0.062 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

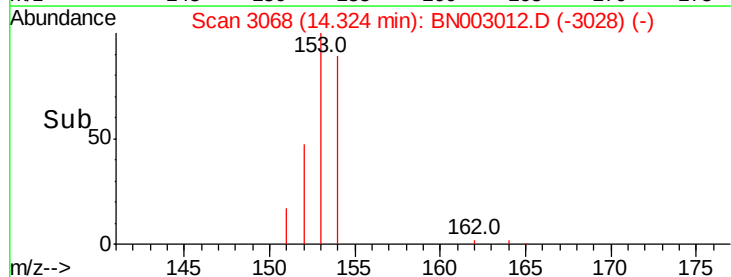
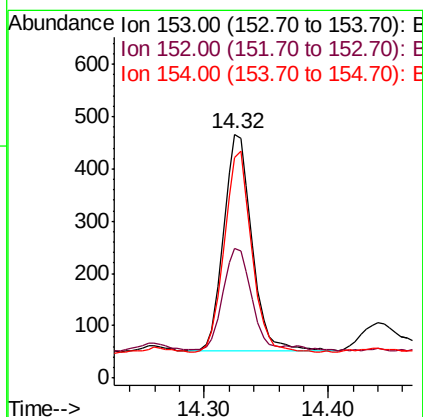
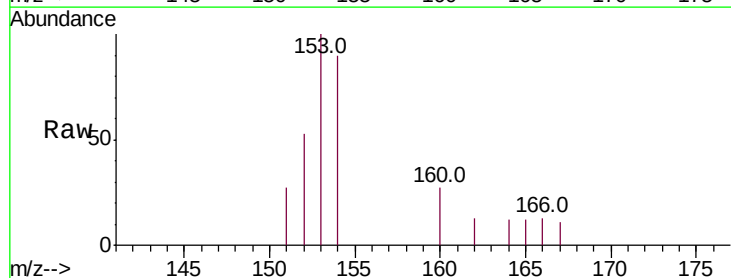
Tgt Ion:153 Resp: 656

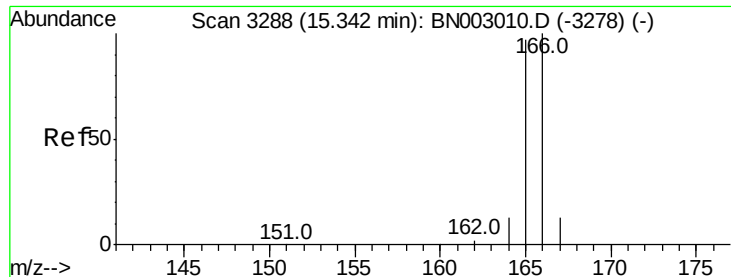
Ion Ratio Lower Upper

153 100

152 53.2 38.2 57.4

154 90.3 70.2 105.2

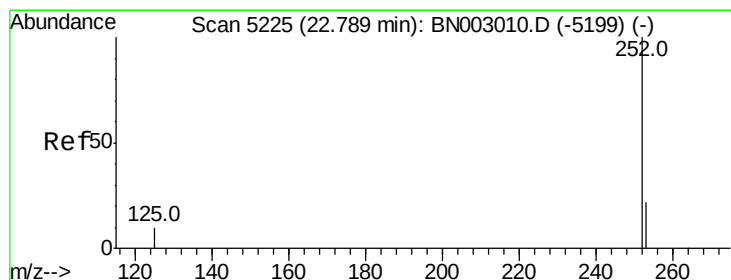
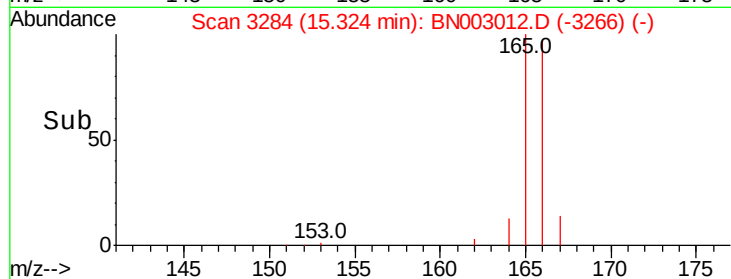
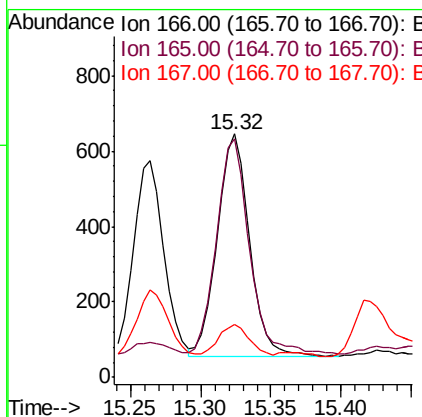
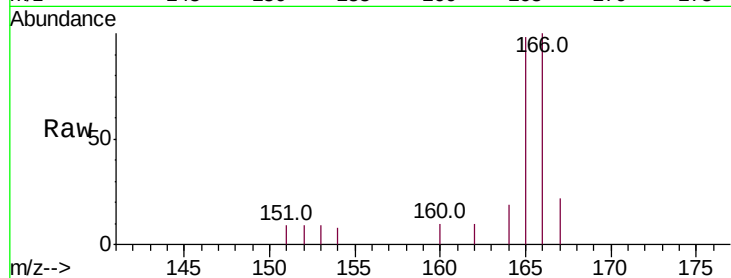




#9
Fluorene
 Concen: 0.077 ng/ul
 RT: 15.32 min Scan# 3284
 Delta R.T. -0.02 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

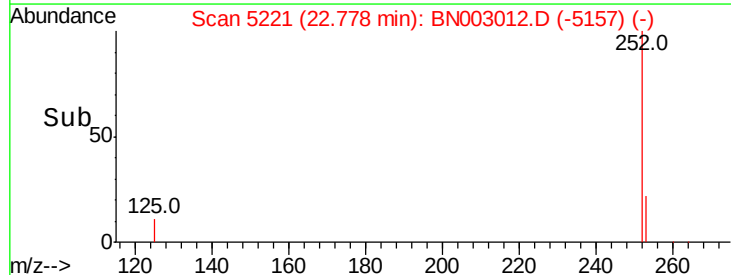
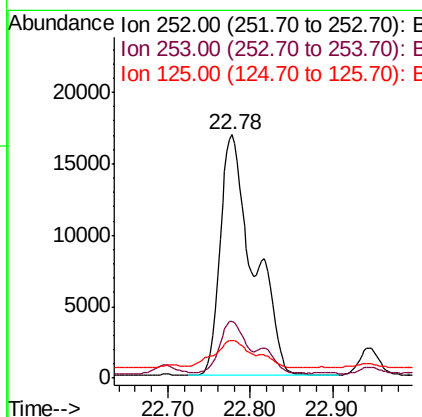
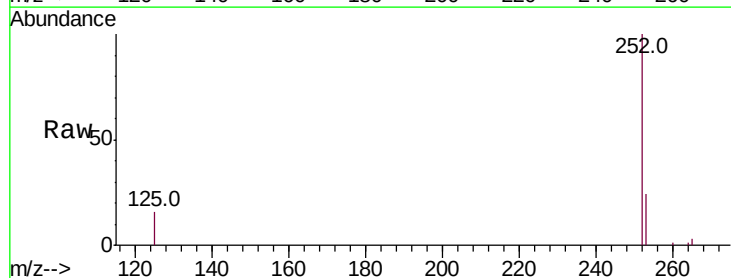
Instrument :
 BNA_N
 ClientSampleId :

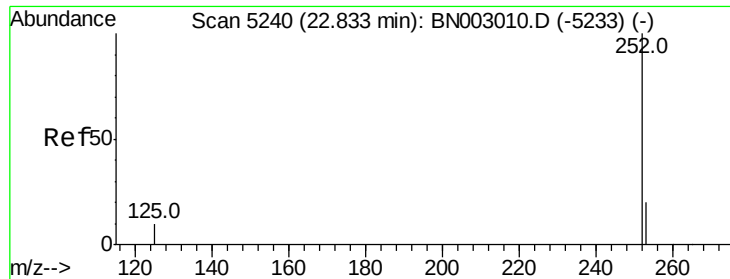
Tot Ion:166 Resp: 944
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.5 117.7
 167 21.5 11.6 17.4#



#21
Benzo(b)fluoranthene
 Concen: 1.670 ng/ul
 RT: 22.78 min Scan# 5221
 Delta R.T. -0.01 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Tgt Ion:252 Resp: 47145
 Ion Ratio Lower Upper
 252 100
 253 23.5 0.0 53.2
 125 15.5 0.0 34.2

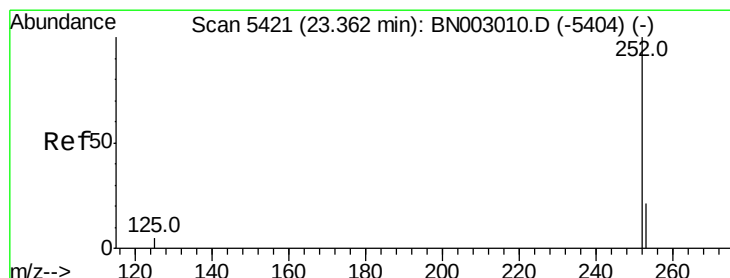
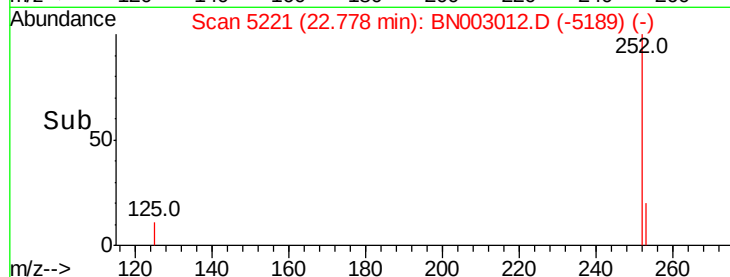
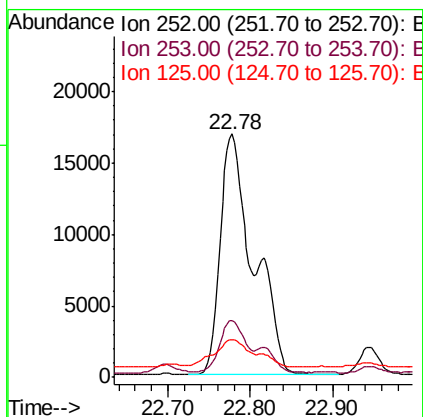
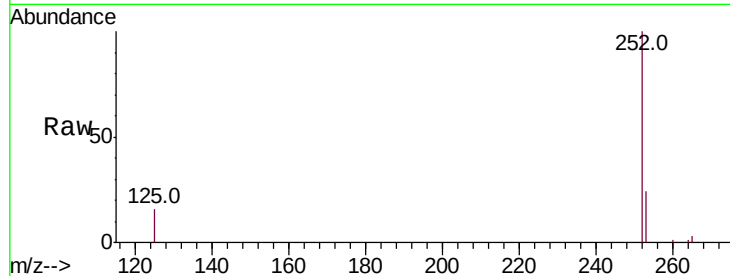




#22
Benzo(k)fluoranthene
Concen: 1.611 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.06 min
Lab File: BN003012.D
Acq: 09 Oct 2018 06:05

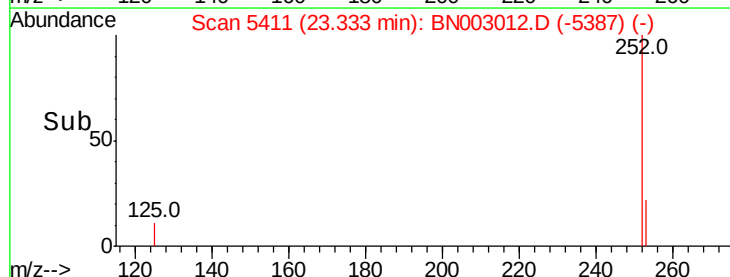
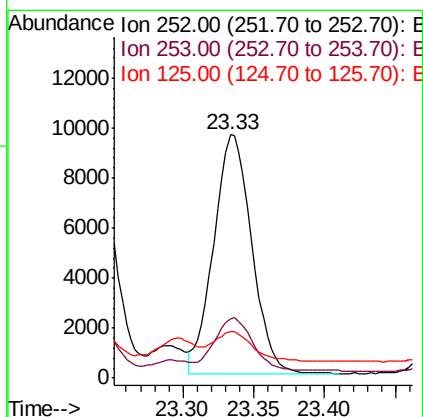
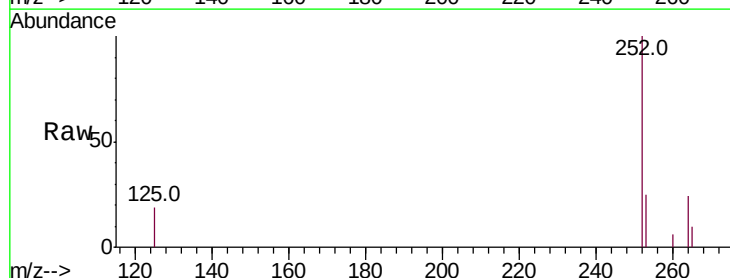
Instrument :
BNA_N
ClientSampleId :

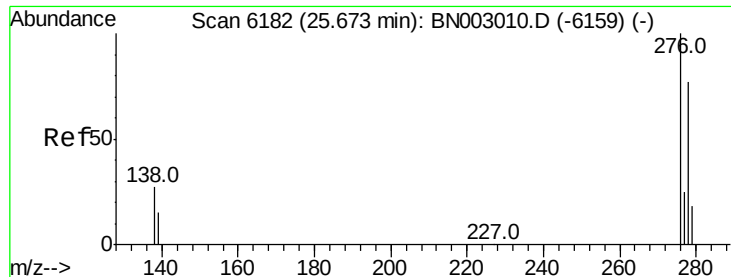
Tot Ion:252 Resp: 47145
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 15.5 14.1 21.1



#23
Benzo(a)pyrene
Concen: 0.701 ng/ul
RT: 23.33 min Scan# 5411
Delta R.T. -0.03 min
Lab File: BN003012.D
Acq: 09 Oct 2018 06:05

Tgt Ion:252 Resp: 17747
Ion Ratio Lower Upper
252 100
253 24.5 23.1 34.7
125 19.1 16.9 25.3



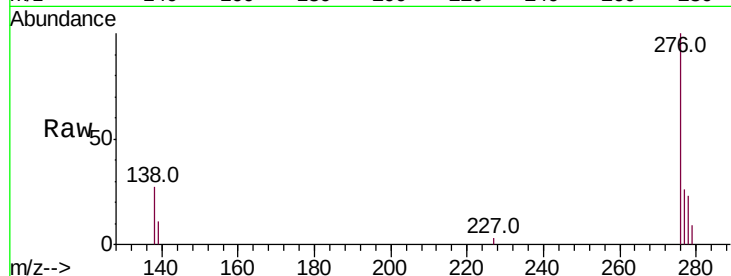


#24

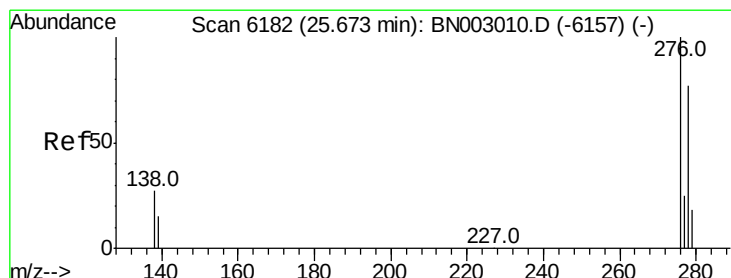
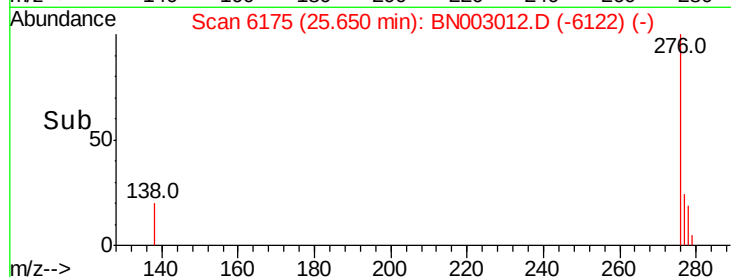
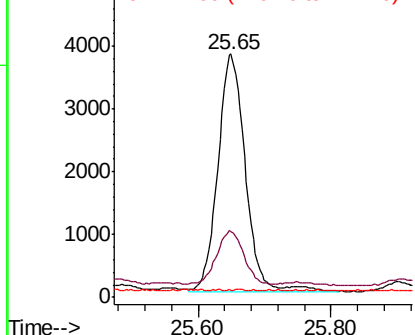
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.02 min
Lab File: BN003012.D
Acq: 09 Oct 2018 06:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.5	32.3
227	0.0	0.3	0.5



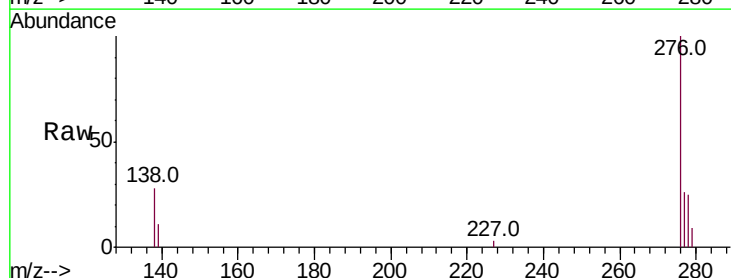
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



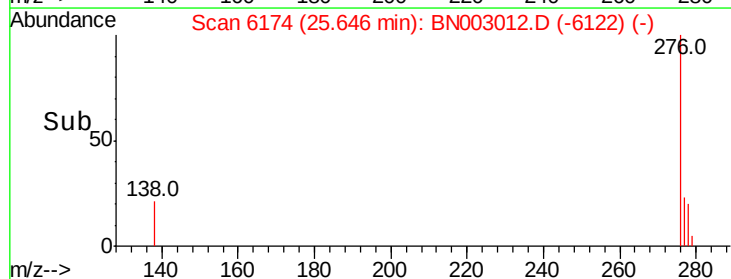
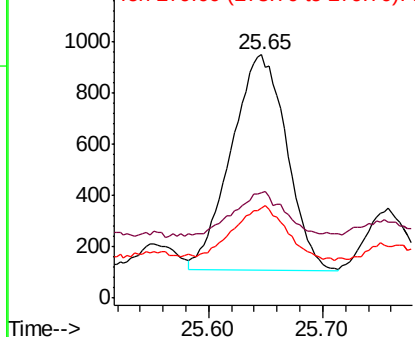
#25

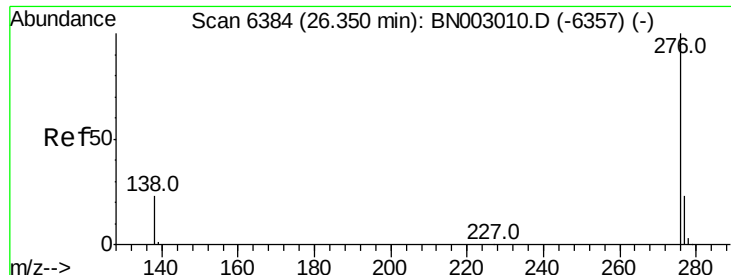
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.03 min
Lab File: BN003012.D
Acq: 09 Oct 2018 06:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.1	20.2	30.4
279	37.0	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: 0.373 ng/ul

RT: 26.33 min Scan# 6378

Delta R.T. -0.02 min

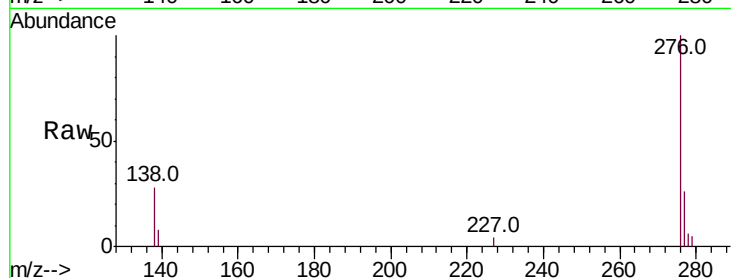
Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 9140

Ion Ratio Lower Upper

276 100

138 28.4 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

