

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003089.D
 Acq On : 11 Oct 2018 05:54
 Operator : MJ/SJ
 Sample : J5234-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 08:14:16 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 : Thu Oct 11 08:10:30 2018
 Response via : Initial Calibration

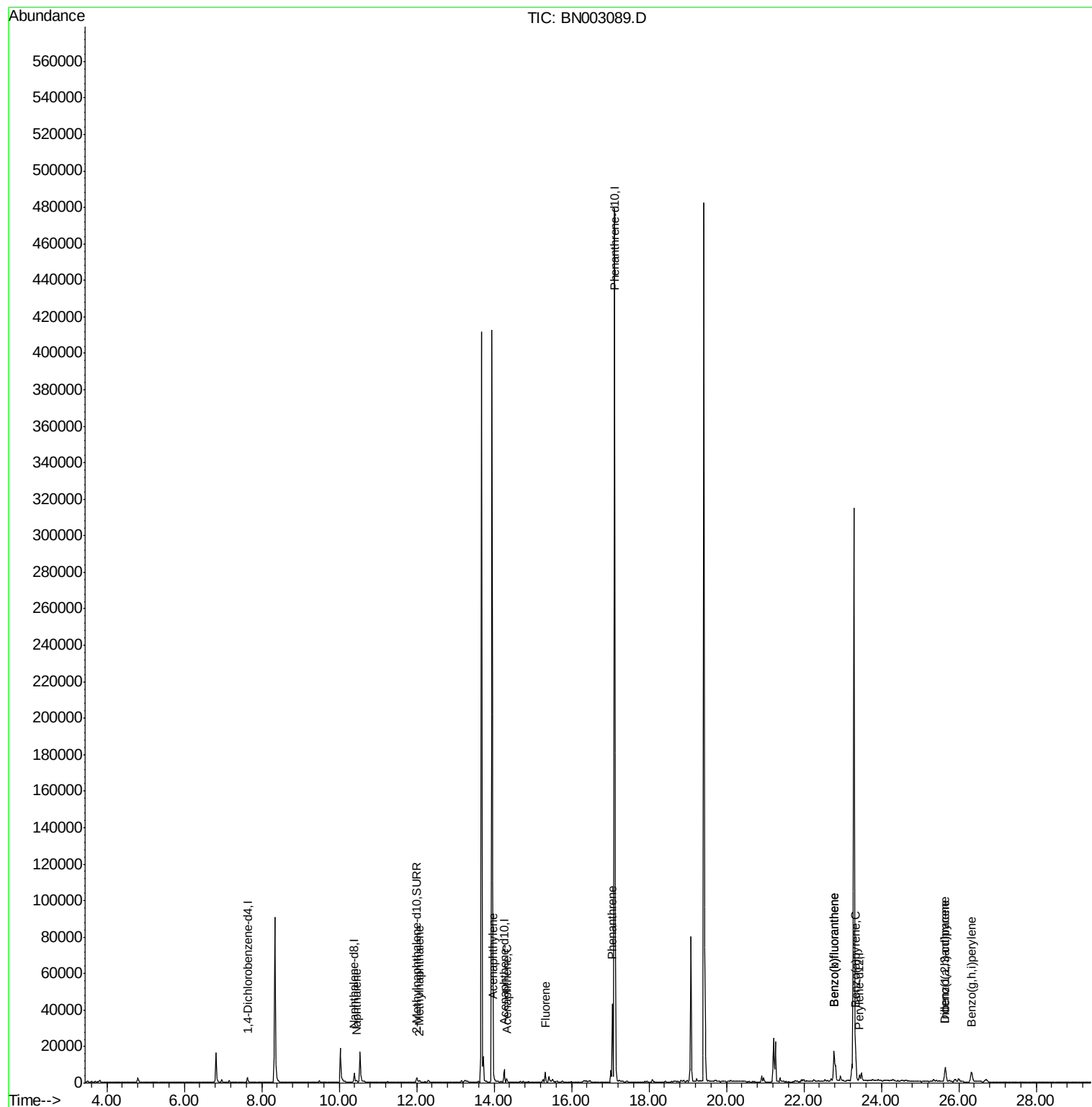
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1638	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6769	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3882	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.11	188	546730	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	5475	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4054	0.39	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.44	128	1442	0.083	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	595	0.050	ng/ul	100
7) Acenaphthylene	13.98	152	3046	0.172	ng/ul	96
8) Acenaphthene	14.32	153	1297	0.096	ng/ul	98
9) Fluorene	15.32	166	3683	0.239	ng/ul	97
12) Phenanthrene	17.05	178	45973	0.030	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	35959	1.824	ng/ul	93
22) Benzo(k)fluoranthene	22.78	252	35959	1.759	ng/ul#	93
23) Benzo(a)pyrene	23.34	252	19343	1.095	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.65	276	12501	0.616	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3222	0.198	ng/ul#	88
26) Benzo(g,h,i)perylene	26.33	276	11523	0.673	ng/ul	97

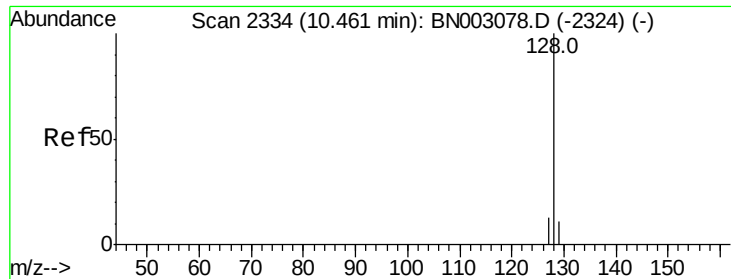
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.083 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

ClientSampleId :

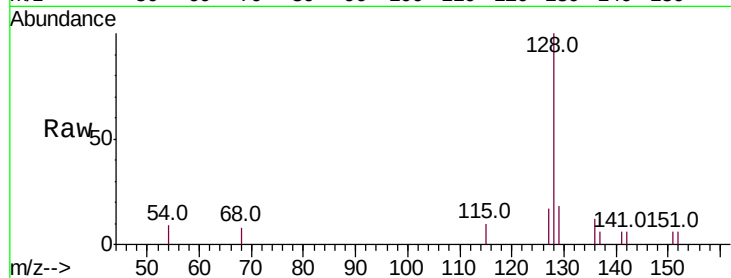
Tot Ion:128 Resp: 1442

Ion Ratio Lower Upper

128 100

129 17.7 10.4 15.6#

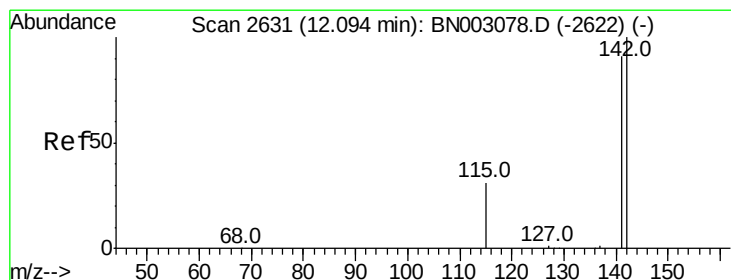
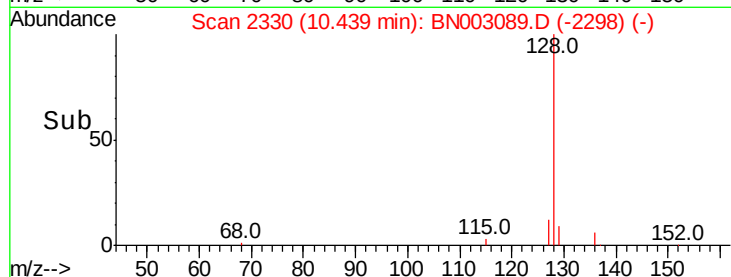
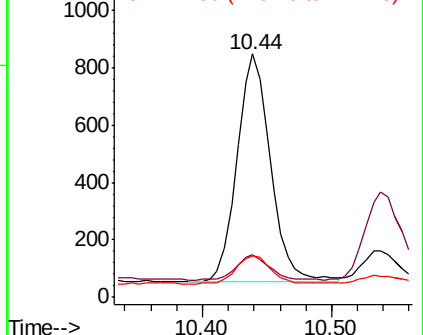
127 17.2 11.7 17.5



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: 0.050 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN003089.D

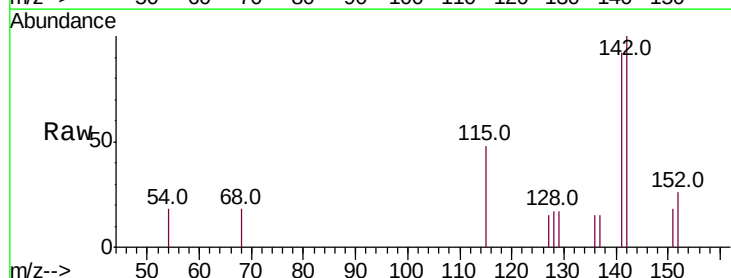
Acq: 11 Oct 2018 05:54

Tgt Ion:142 Resp: 595

Ion Ratio Lower Upper

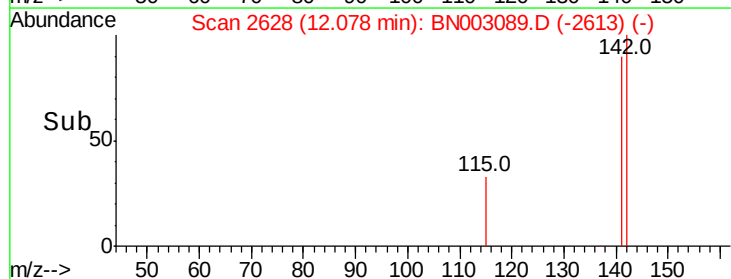
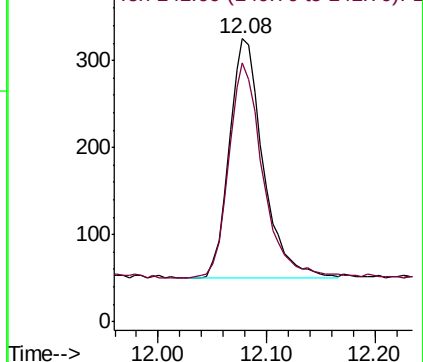
142 100

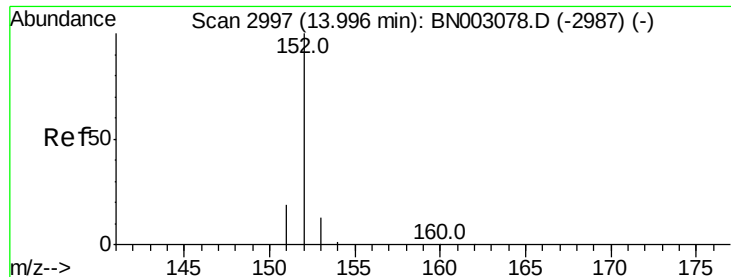
141 91.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.172 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

ClientSampleId :

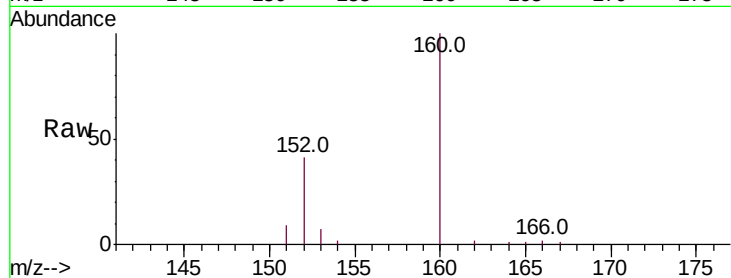
Tot Ion:152 Resp: 3046

Ion Ratio Lower Upper

152 100

151 21.5 16.5 24.7

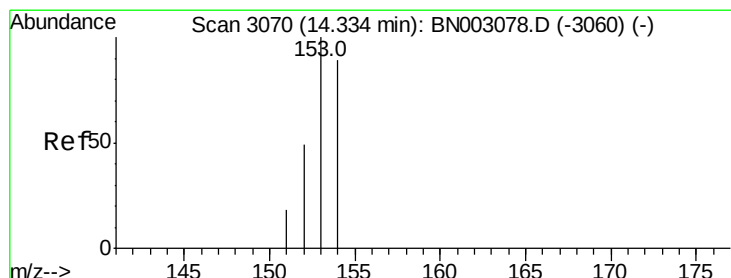
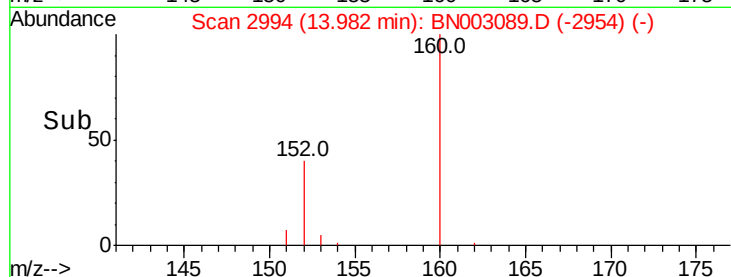
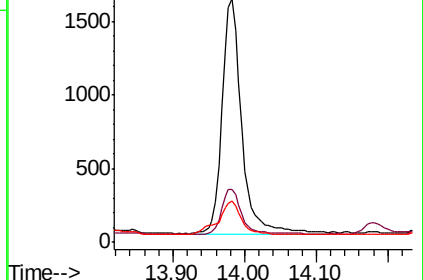
153 17.0 11.4 17.2



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: 0.096 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

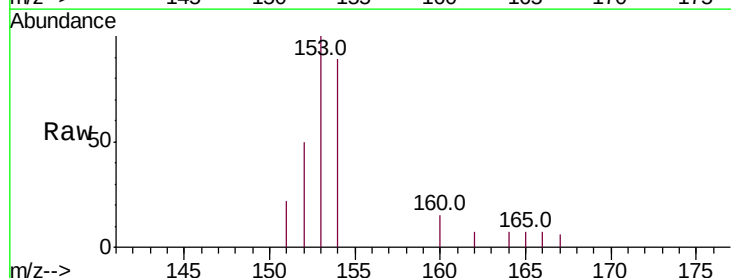
Tgt Ion:153 Resp: 1297

Ion Ratio Lower Upper

153 100

152 50.3 38.2 57.4

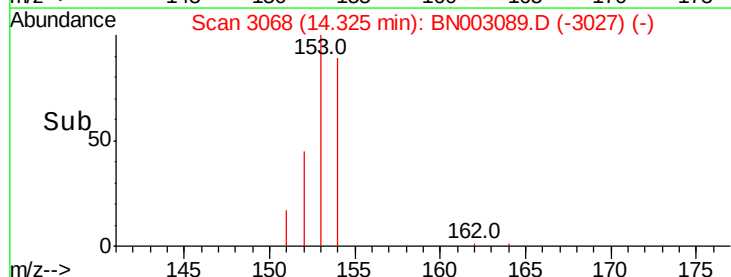
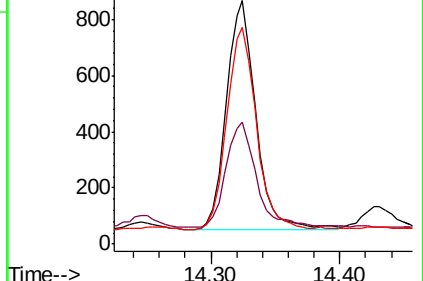
154 89.0 70.2 105.2

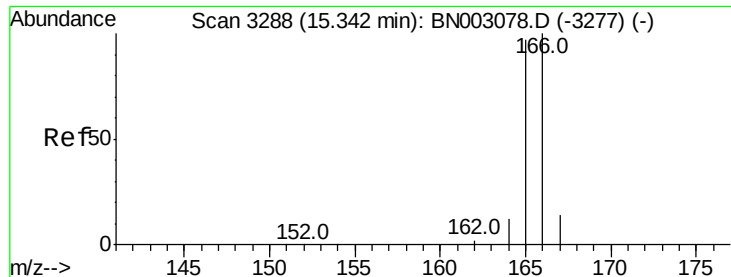


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

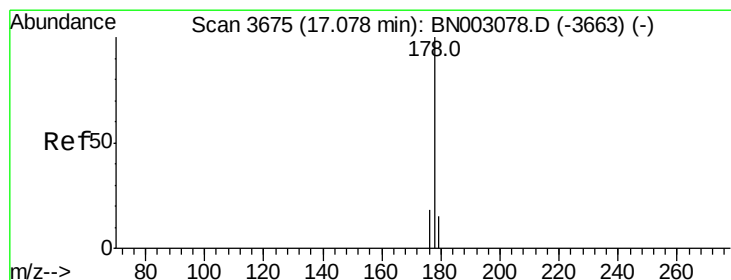
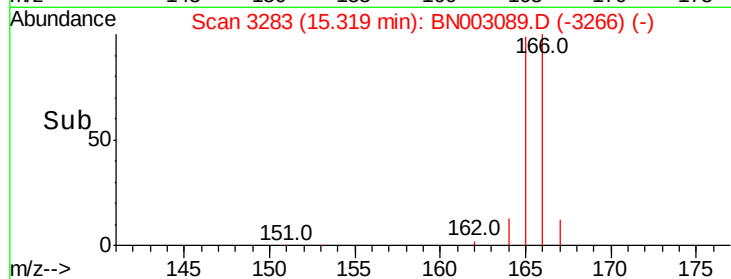
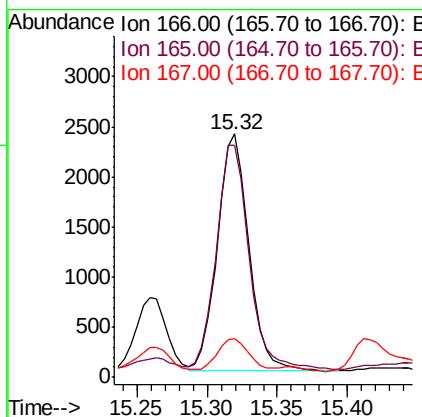
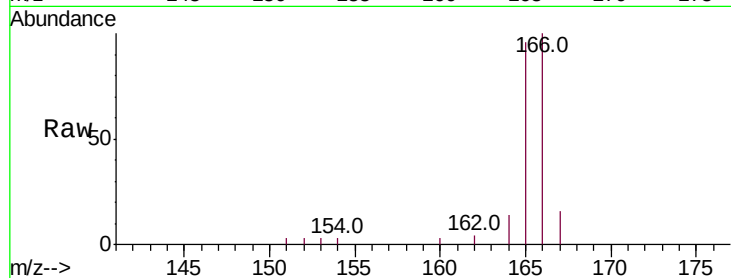




#9
Fluorene
 Concen: 0.239 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003089.D
 Acq: 11 Oct 2018 05:54

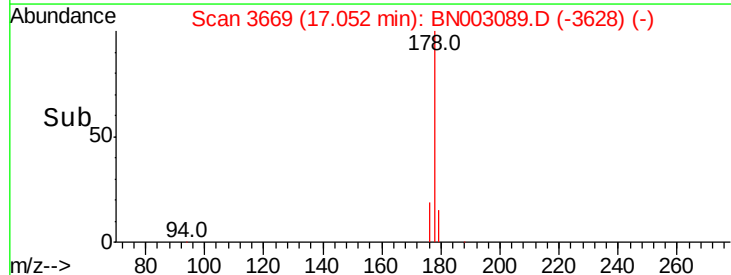
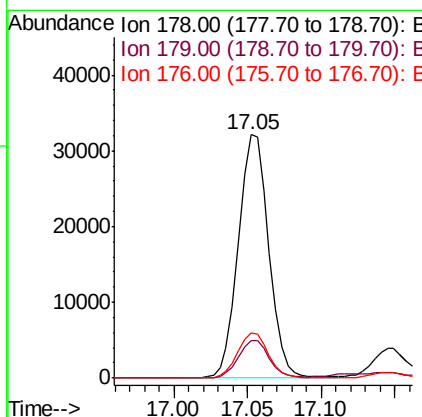
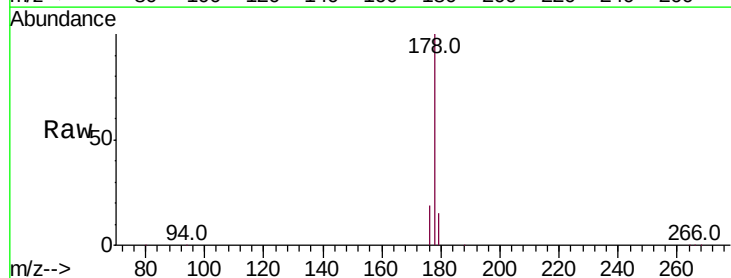
Instrument :
 BNA_N
 ClientSampleId :

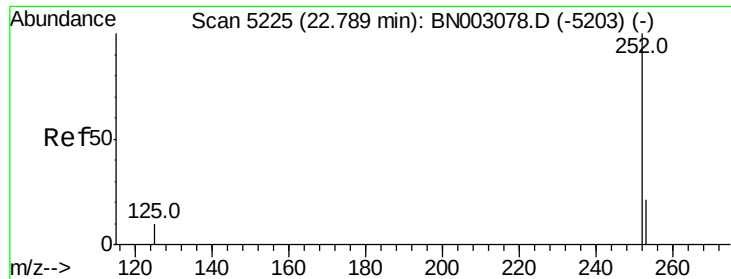
Tot Ion:166 Resp: 3683
 Ion Ratio Lower Upper
 166 100
 165 95.6 78.5 117.7
 167 16.1 11.6 17.4



#12
Phenanthrene
 Concen: 0.030 ng/ul
 RT: 17.05 min Scan# 3669
 Delta R.T. -0.03 min
 Lab File: BN003089.D
 Acq: 11 Oct 2018 05:54

Tgt Ion:178 Resp: 45973
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 18.8 15.4 23.2

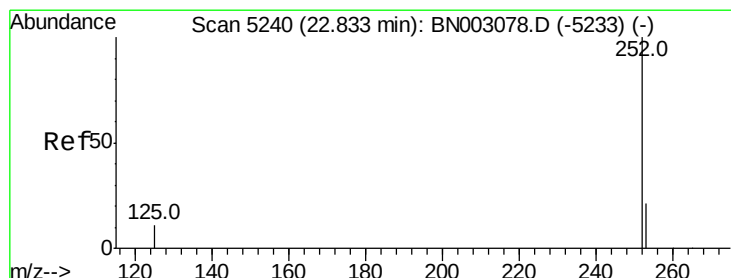
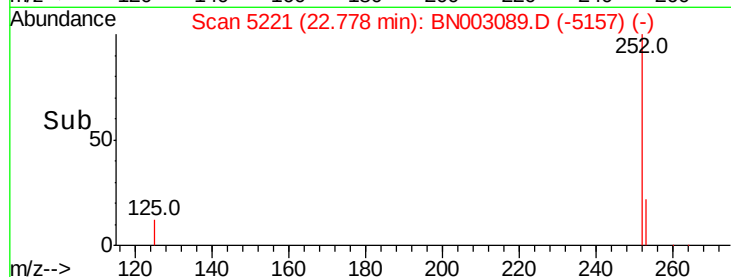
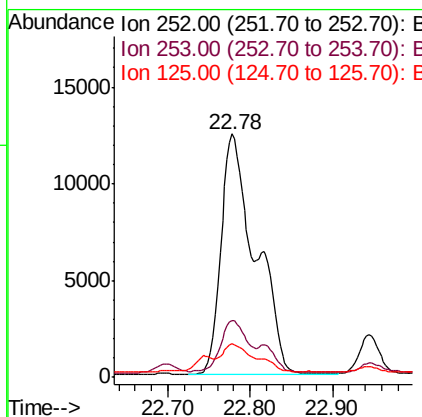
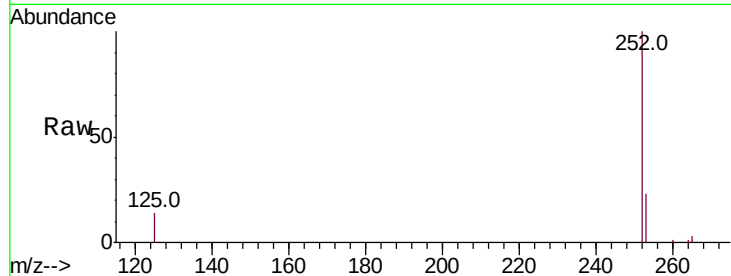




#21
Benzo(b)fluoranthene
Concen: 1.824 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

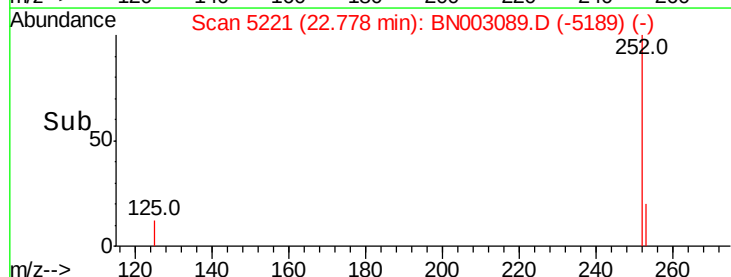
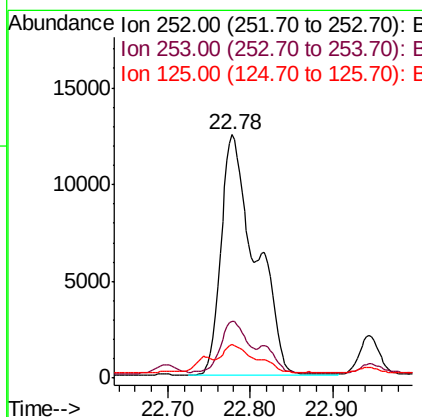
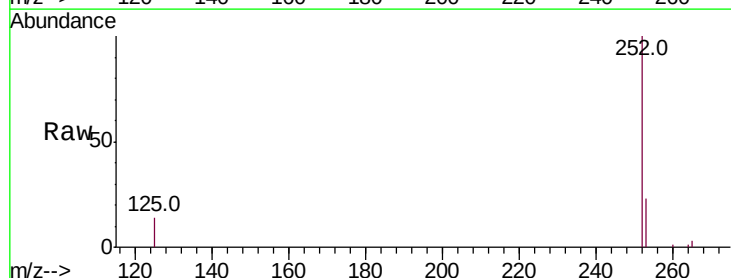
Instrument :
BNA_N
ClientSampleId :

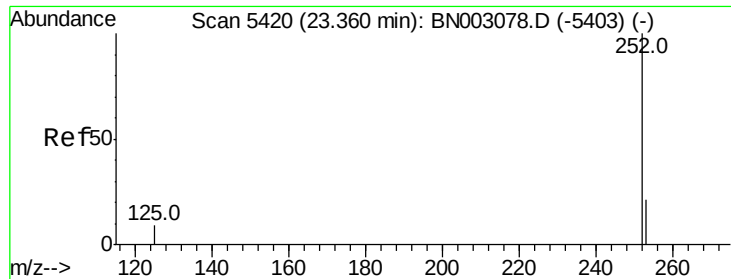
Tot Ion:252 Resp: 35959
Ion Ratio Lower Upper
252 100
253 23.4 0.0 53.2
125 13.9 0.0 34.2



#22
Benzo(k)fluoranthene
Concen: 1.759 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.06 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

Tgt Ion:252 Resp: 35959
Ion Ratio Lower Upper
252 100
253 23.4 21.3 31.9
125 13.9 14.1 21.1#





#23

Benzo(a)pyrene

Concen: 1.095 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

ClientSampleId :

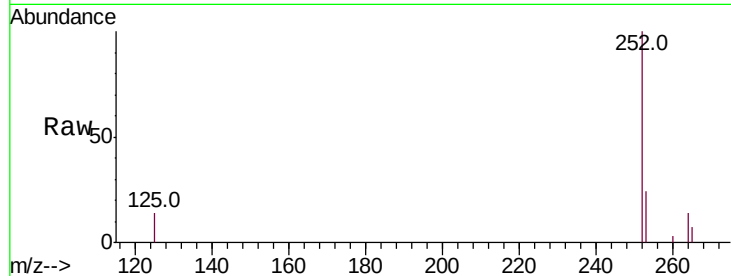
Tot Ion:252 Resp: 19343

Ion Ratio Lower Upper

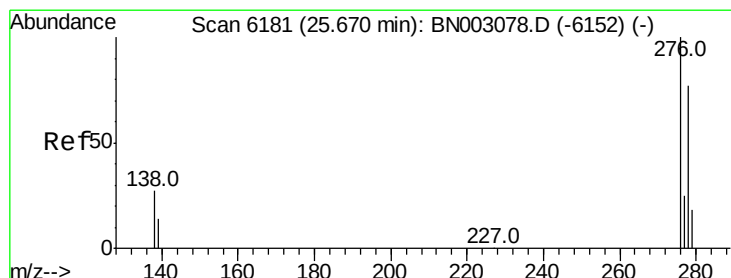
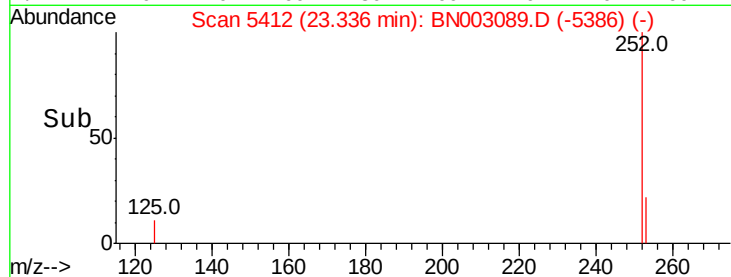
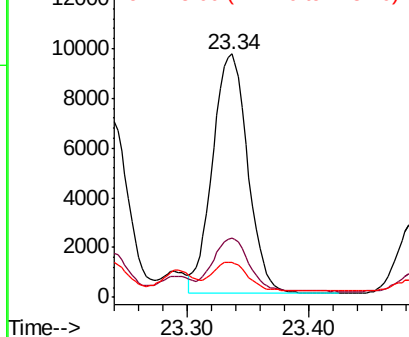
252 100

253 24.1 23.1 34.7

125 14.5 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: 0.616 ng/ul

RT: 25.65 min Scan# 6175

Delta R.T. -0.02 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

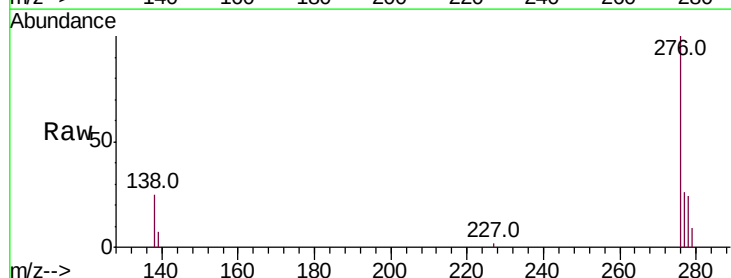
Tgt Ion:276 Resp: 12501

Ion Ratio Lower Upper

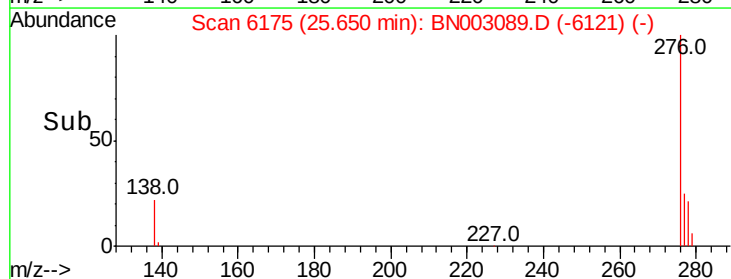
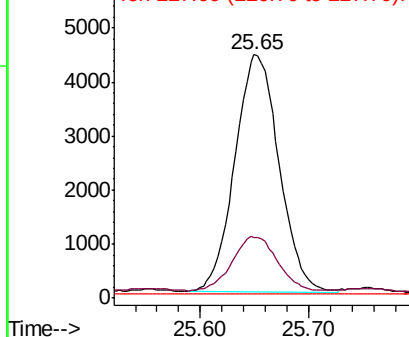
276 100

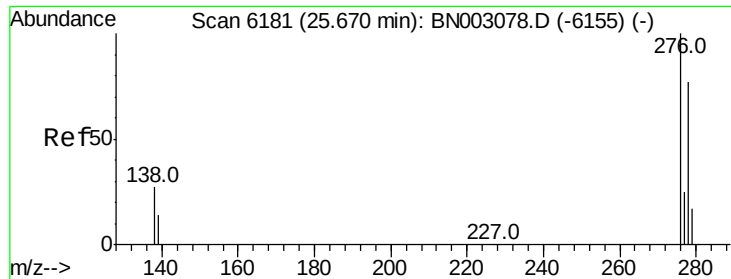
138 23.4 21.5 32.3

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

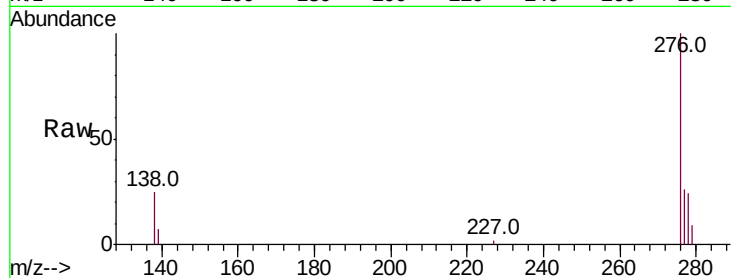




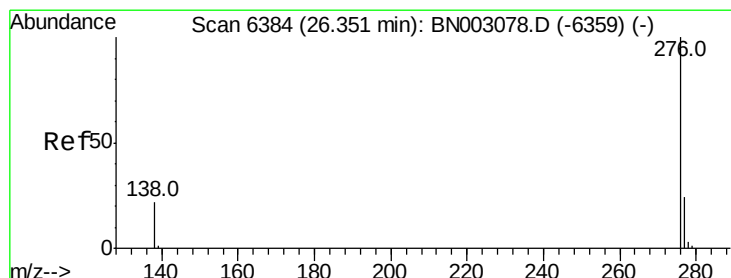
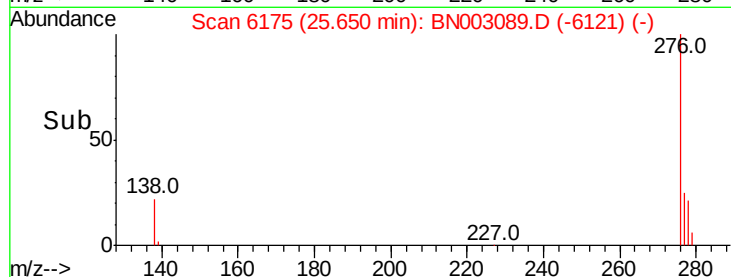
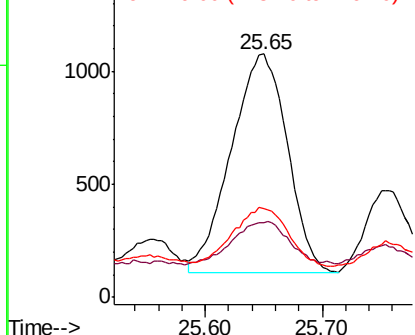
#25
Dibenzo(a,h)anthracene
Concen: 0.198 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.02 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 3222
Ion Ratio Lower Upper
278 100
139 30.8 20.2 30.4#
279 36.6 23.8 35.8#

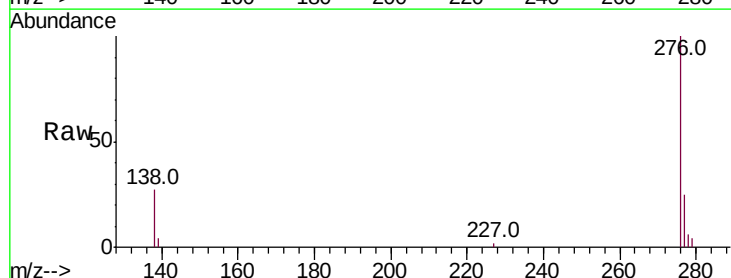


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.673 ng/ul
RT: 26.33 min Scan# 6377
Delta R.T. -0.02 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

Tgt Ion:276 Resp: 11523
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.4
277 25.4 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

