

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008091.D
 Acq On : 12 Oct 2019 00:27
 Operator : JU
 Sample : K5124-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:18:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

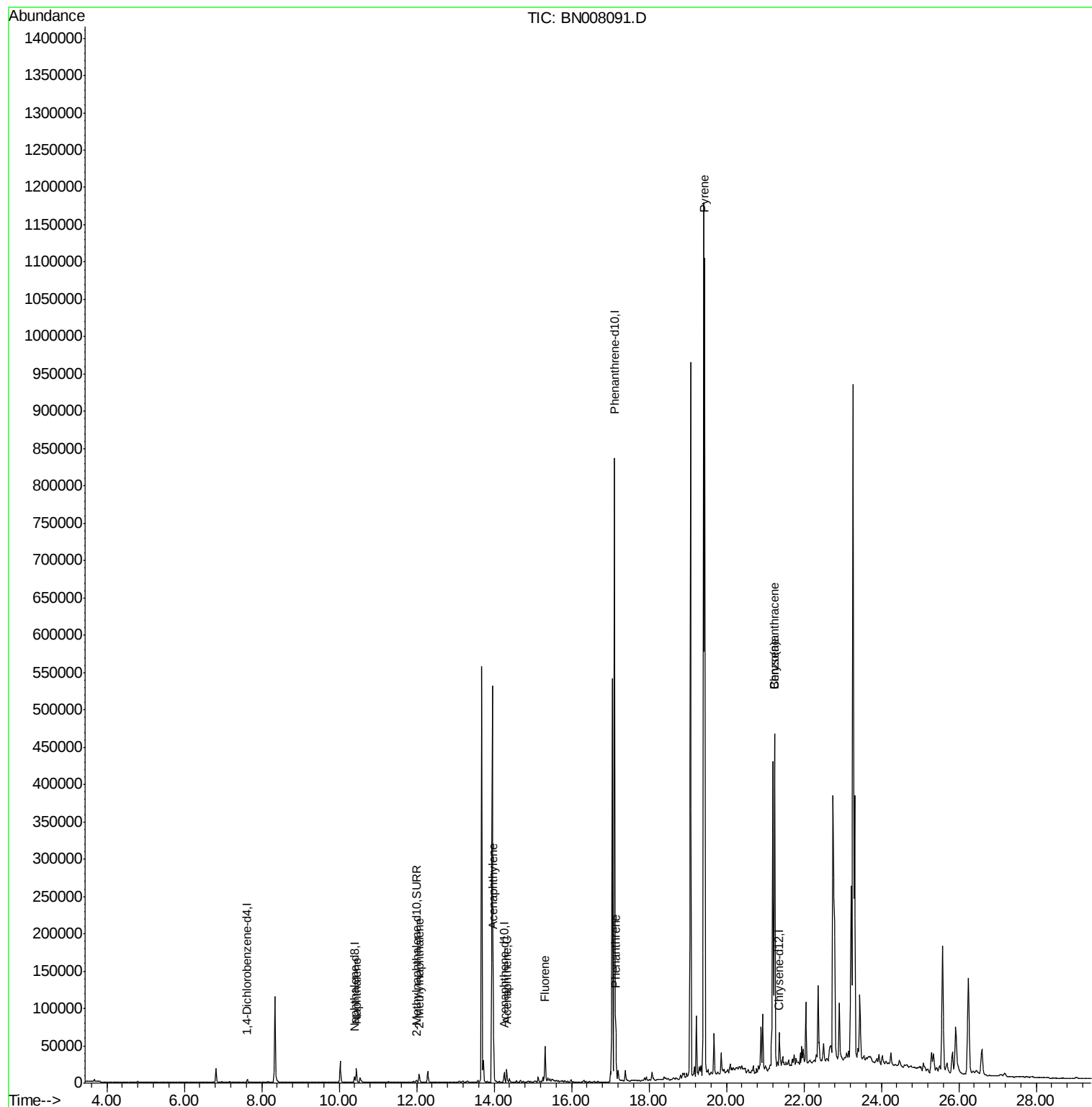
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2381	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10939	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7184	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	929638	0.40	ng/ul	0.09
16) Chrysene-d12	21.34	240	1028	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4178	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.18	212	393	0.00	ng/ul	0.13
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	26136	0.839	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	9143	0.428	ng/ul	99
7) Acenaphthylene	13.98	152	97292	2.843	ng/ul	99
8) Acenaphthene	14.32	153	10381	0.390	ng/ul	98
9) Fluorene	15.31	166	29651	0.981	ng/ul	98
12) Phenanthrene	17.14	178	58865	0.022	ng/ul	99
17) Pyrene	19.44	202	861130	210.382	ng/ul	98
18) Benzo(a)anthracene	21.24	228	431496	115.451	ng/ul	93
19) Chrysene	21.24	228	431316	94.037	ng/ul	97

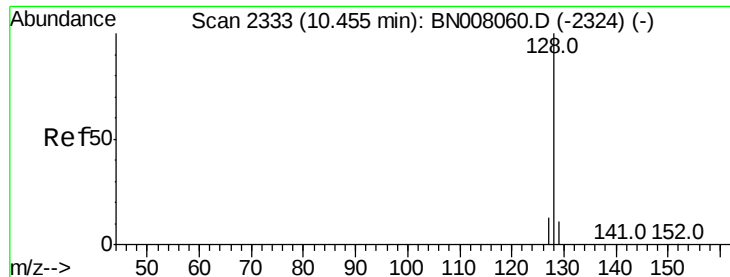
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.839 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

ClientSampleId :

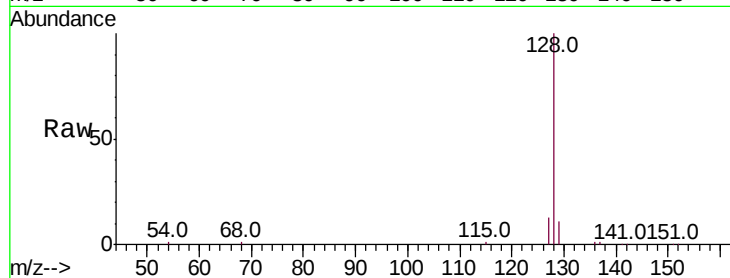
Tot Ion:128 Resp: 26136

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

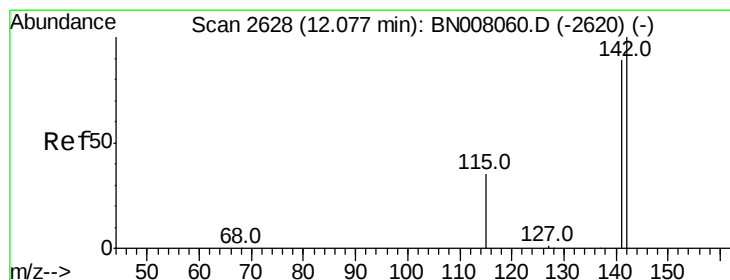
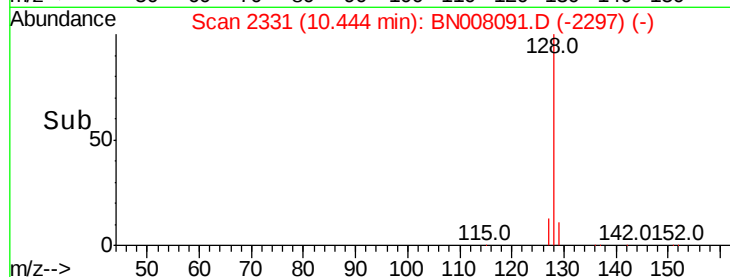
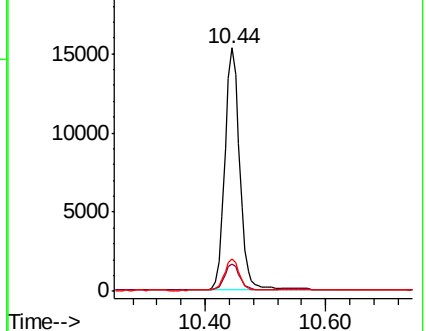
127 13.3 11.1 16.7



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: 0.428 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008091.D

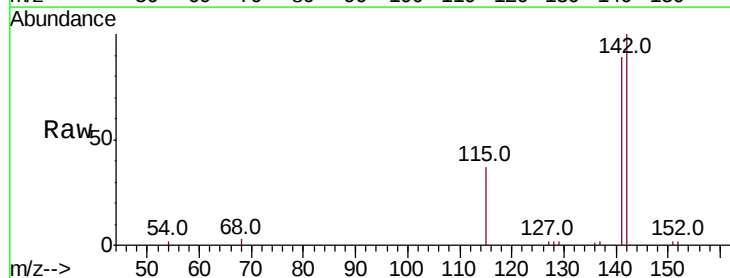
Acq: 12 Oct 2019 00:27

Tgt Ion:142 Resp: 9143

Ion Ratio Lower Upper

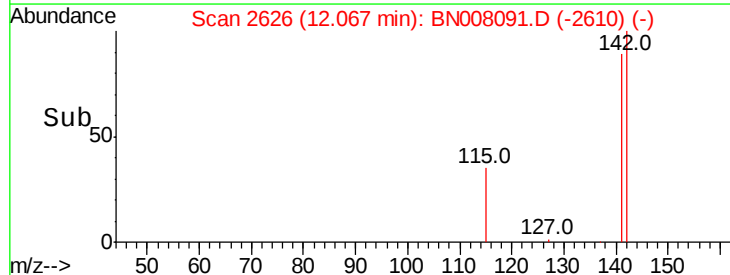
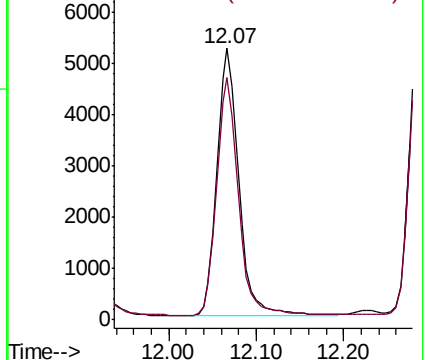
142 100

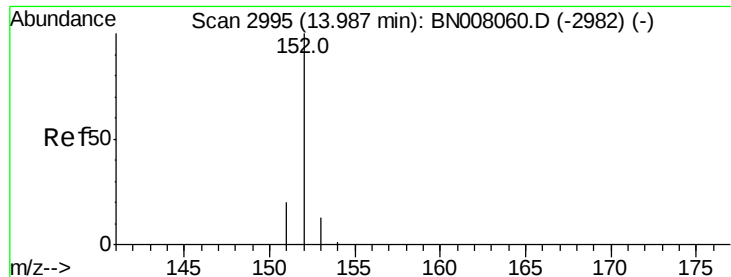
141 88.1 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.843 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

ClientSampleId :

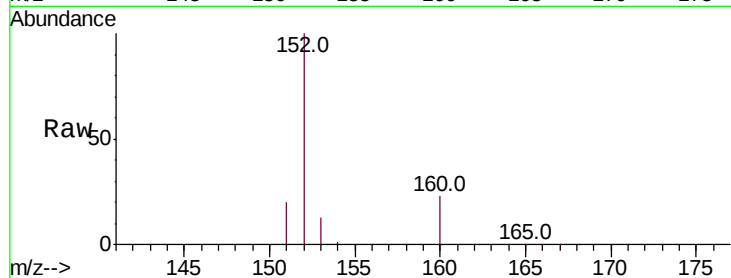
Tot Ion:152 Resp: 97292

Ion Ratio Lower Upper

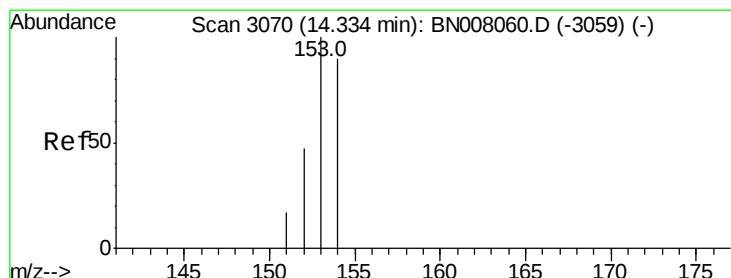
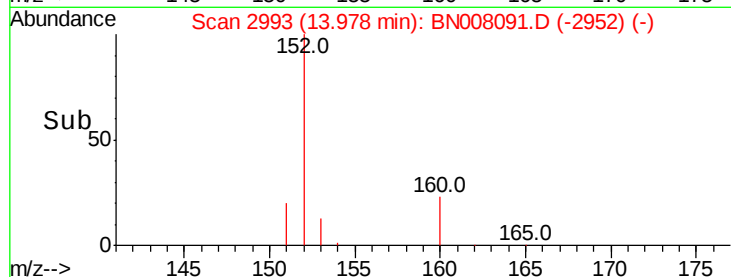
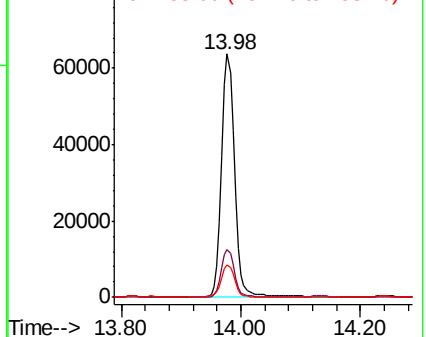
152 100

151 19.6 16.2 24.4

153 13.4 11.0 16.4



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: 0.390 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

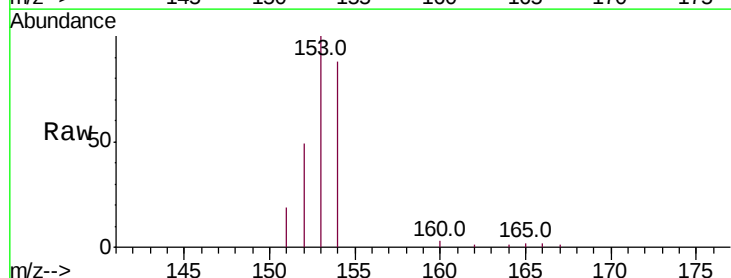
Tgt Ion:153 Resp: 10381

Ion Ratio Lower Upper

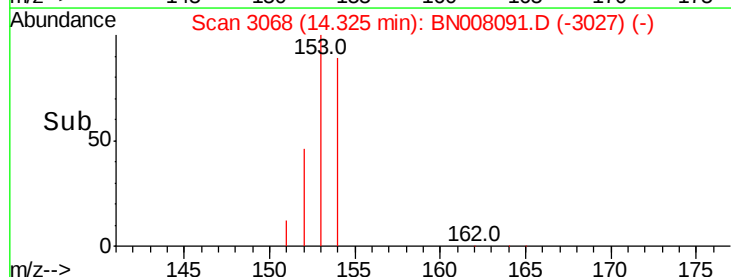
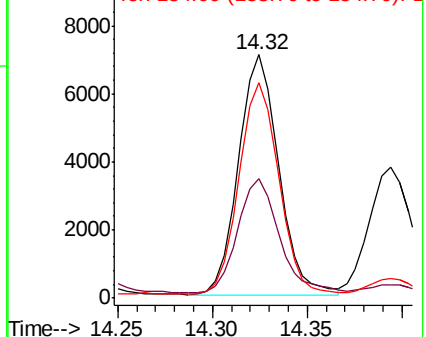
153 100

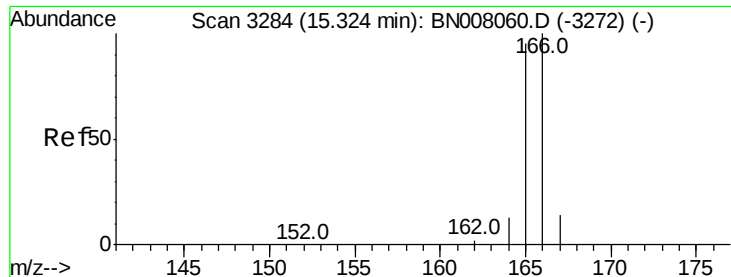
152 48.8 38.2 57.2

154 88.3 71.8 107.8



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

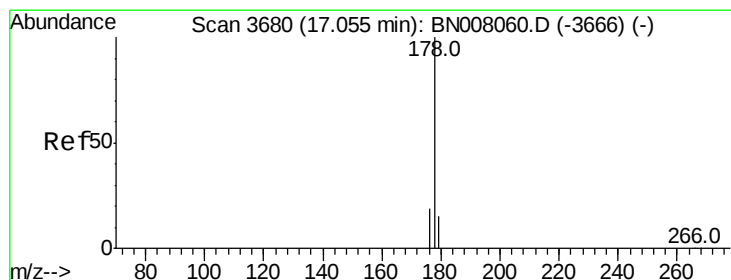
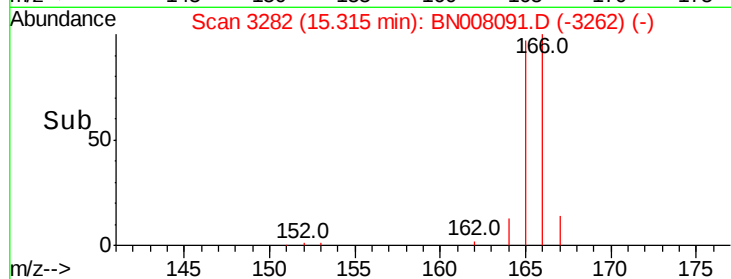
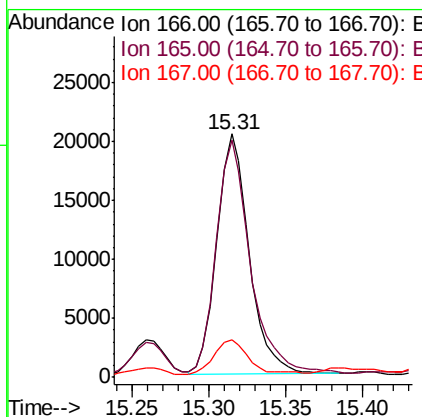
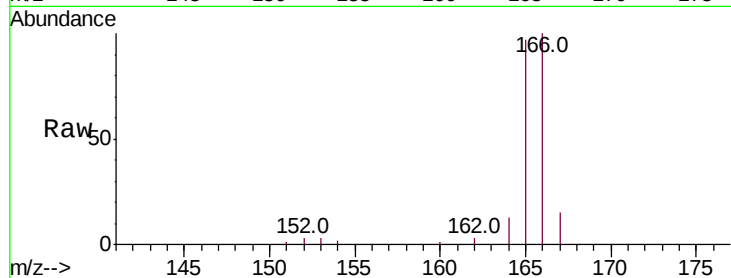




#9
Fluorene
 Concen: 0.981 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.01 min
 Lab File: BN008091.D
 Acq: 12 Oct 2019 00:27

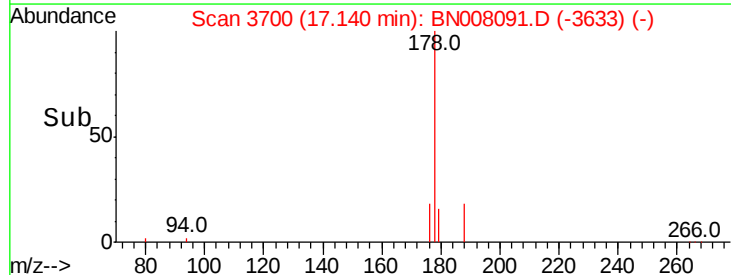
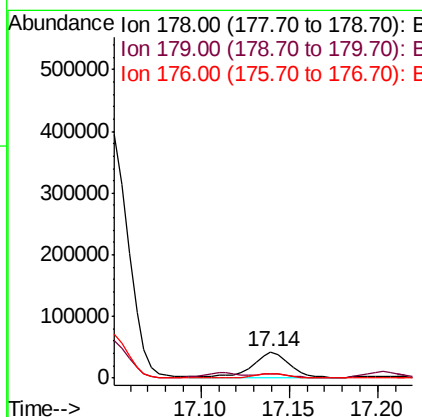
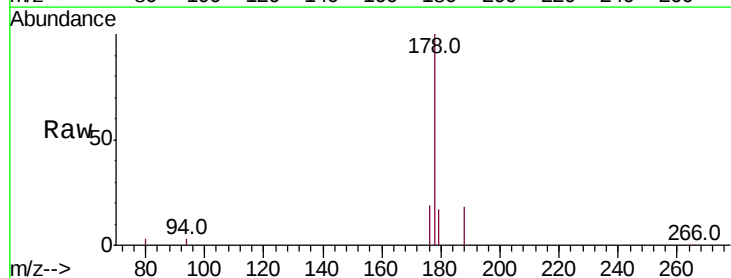
Instrument :
 BNA_N
 ClientSampled :

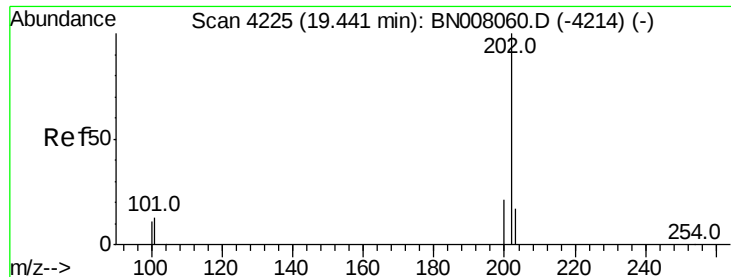
Tot Ion:166 Resp: 29651
 Ion Ratio Lower Upper
 166 100
 165 97.4 76.6 115.0
 167 15.3 11.7 17.5



#12
Phenanthrene
 Concen: 0.022 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. 0.08 min
 Lab File: BN008091.D
 Acq: 12 Oct 2019 00:27

Tgt Ion:178 Resp: 58865
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.8 19.2
 176 18.5 15.4 23.2

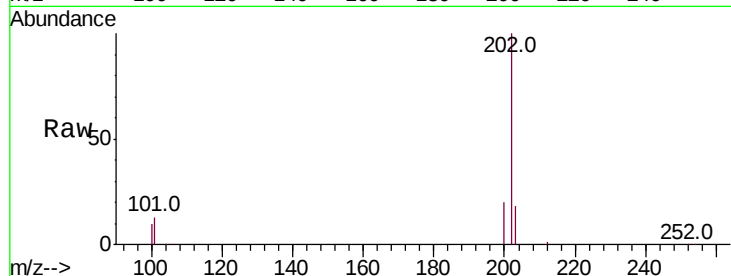




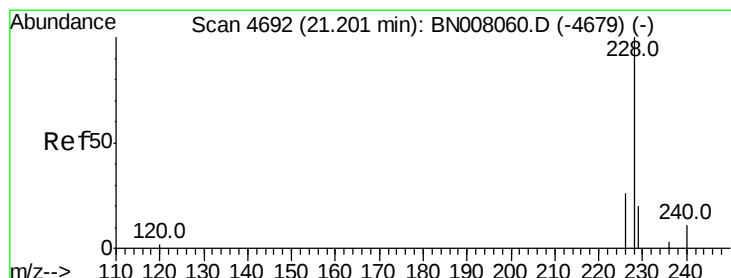
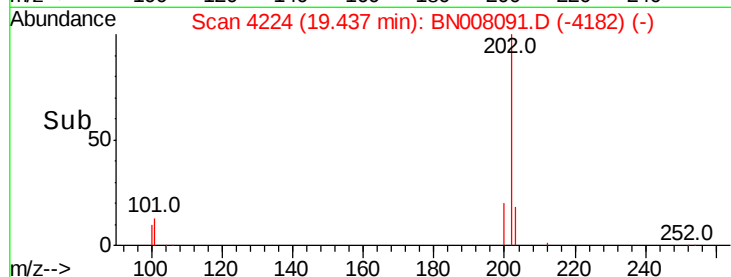
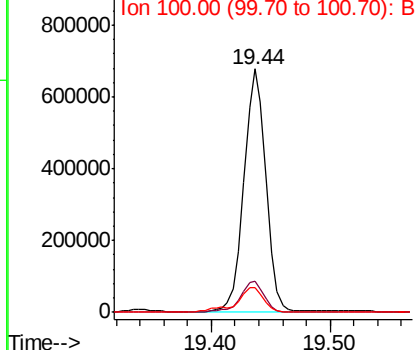
#17
Pvrene
Concen: 210.382 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008091.D
Acq: 12 Oct 2019 00:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 861130
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 10.2 8.7 13.1

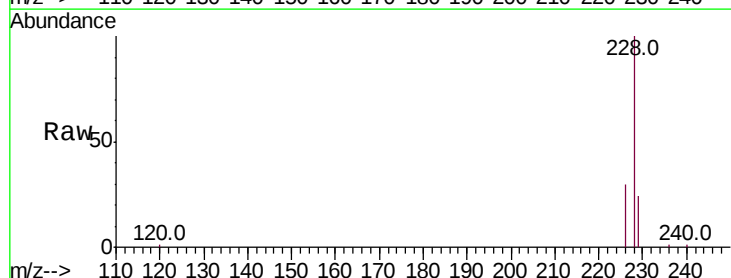


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

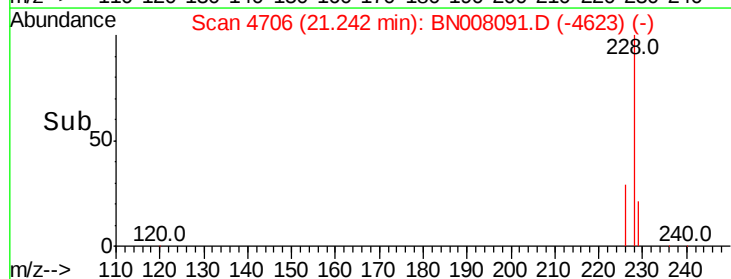
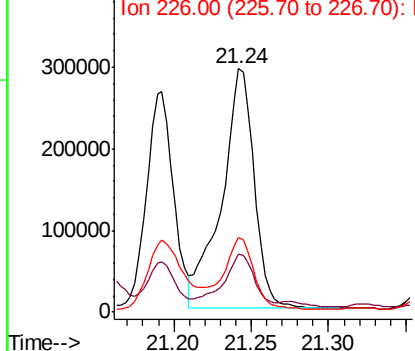


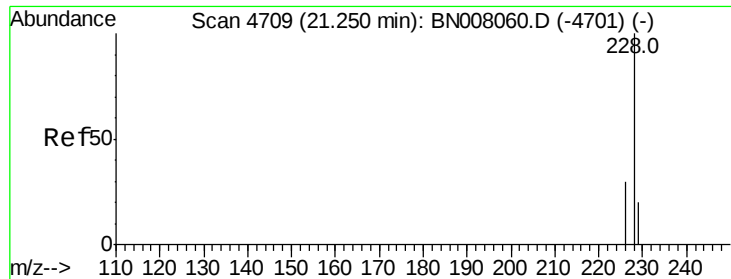
#18
Benzo(a)anthracene
Concen: 115.451 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.04 min
Lab File: BN008091.D
Acq: 12 Oct 2019 00:27

Tgt Ion:228 Resp: 431496
Ion Ratio Lower Upper
228 100
229 23.6 16.2 24.2
226 30.5 21.4 32.0



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: 94.037 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 431316

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 23.6 16.2 24.2

