

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008182.D
 Acq On : 15 Oct 2019 20:26
 Operator : JU
 Sample : K5175-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:43:13 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 : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration

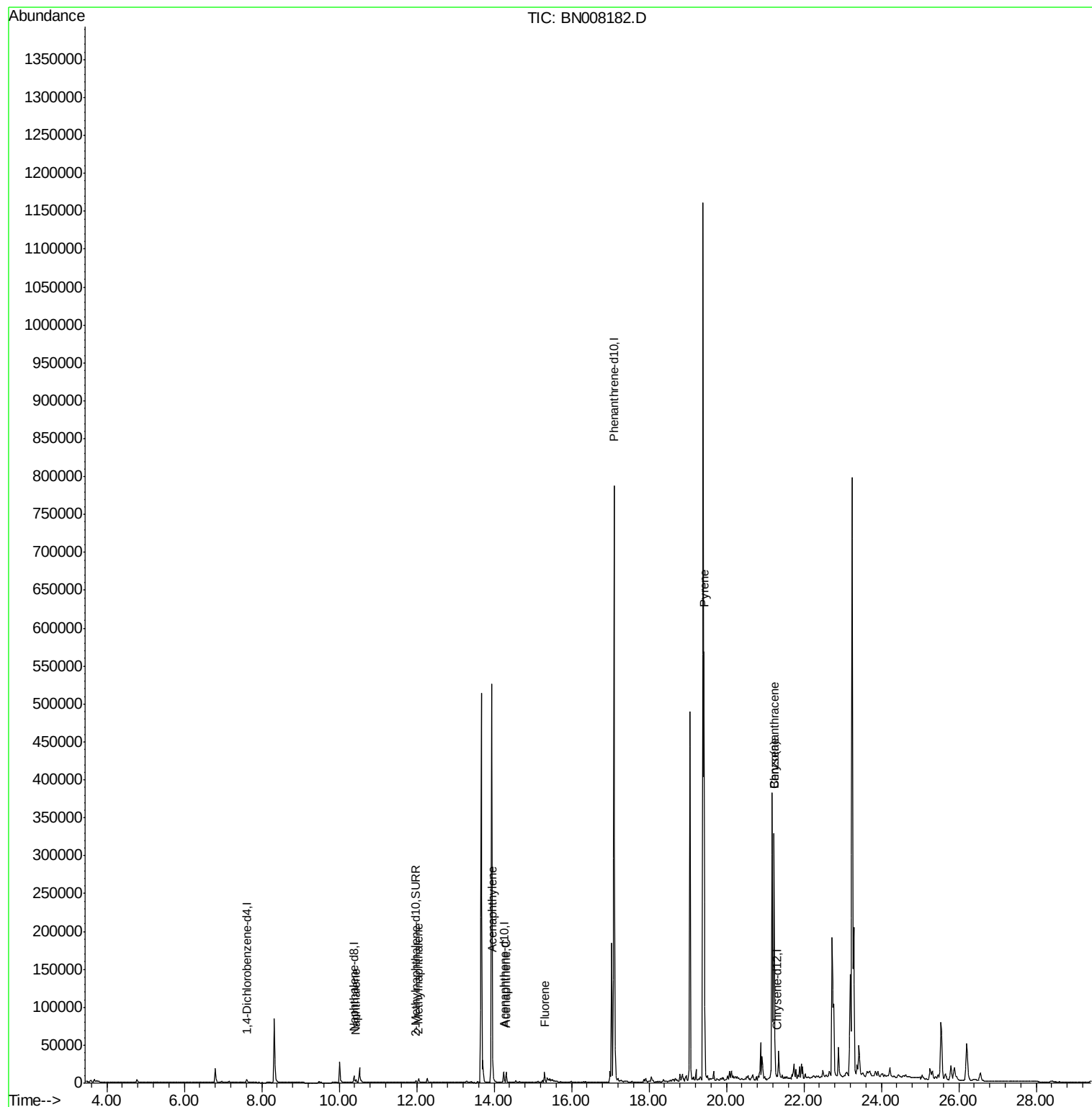
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2449	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	11912	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	7414	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	876509	0.40	ng/ul	0.09
16) Chrysene-d12	21.31	240	152	0.40	ng/ul	0.11
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.40
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4171	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	490	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	5346	0.158	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	4179	0.180	ng/ul	99
7) Acenaphthylene	13.96	152	13933	0.395	ng/ul	99
8) Acenaphthene	14.31	153	8078	0.294	ng/ul	99
9) Fluorene	15.30	166	8499	0.273	ng/ul#	95
17) Pyrene	19.43	202	469119	775.126	ng/ul	99
18) Benzo(a)anthracene	21.23	228	324772	587.693	ng/ul	95
19) Chrysene	21.23	228	321089	473.456	ng/ul	99

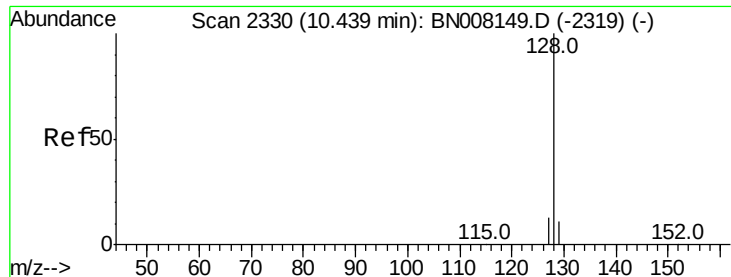
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.158 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008182.D

Acq: 15 Oct 2019 20:26

Instrument :

BNA_N

ClientSampleId :

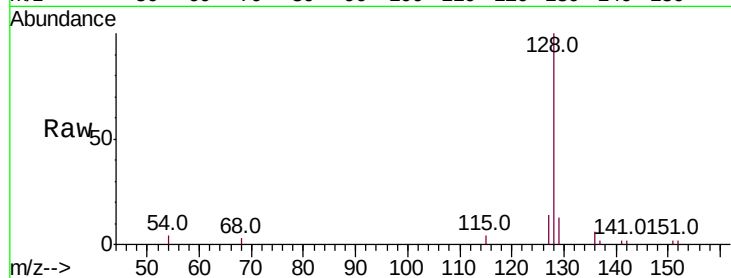
Tot Ion:128 Resp: 5346

Ion Ratio Lower Upper

128 100

129 13.2 9.8 14.8

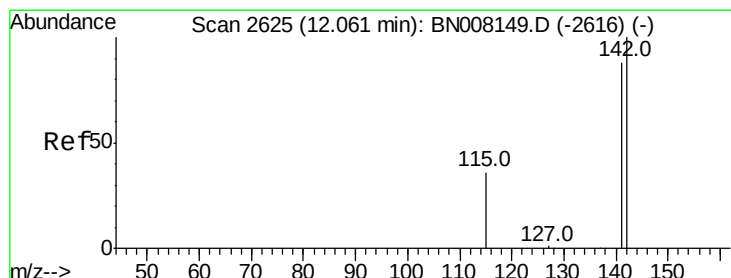
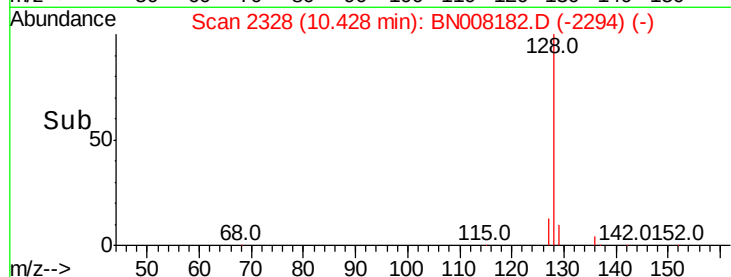
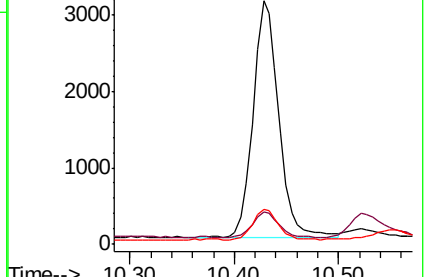
127 14.2 11.1 16.7



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: 0.180 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008182.D

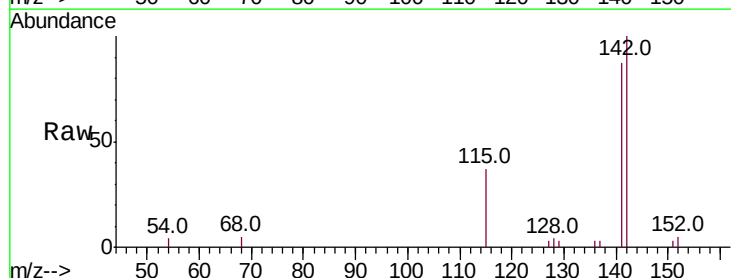
Acq: 15 Oct 2019 20:26

Tgt Ion:142 Resp: 4179

Ion Ratio Lower Upper

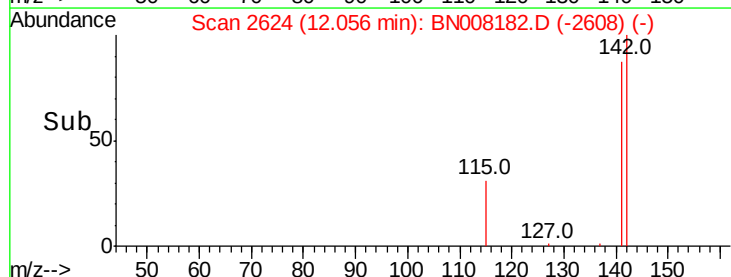
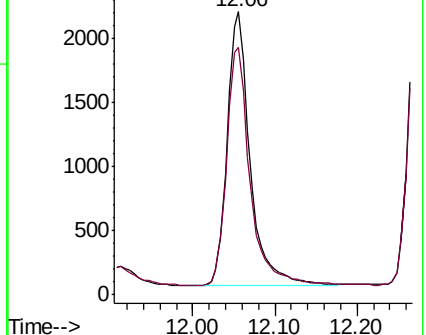
142 100

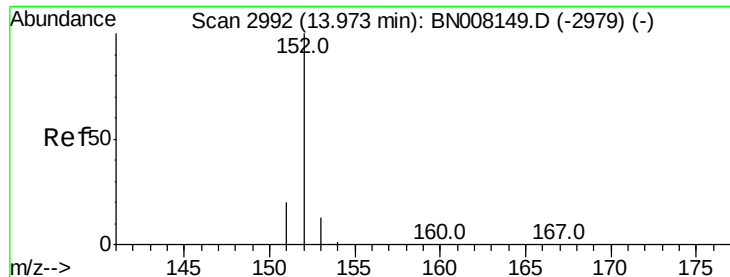
141 88.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.395 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008182.D

Acq: 15 Oct 2019 20:26

Instrument :

BNA_N

ClientSampleId :

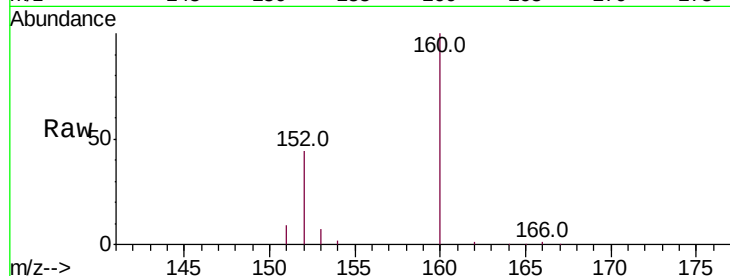
Tot Ion:152 Resp: 13933

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

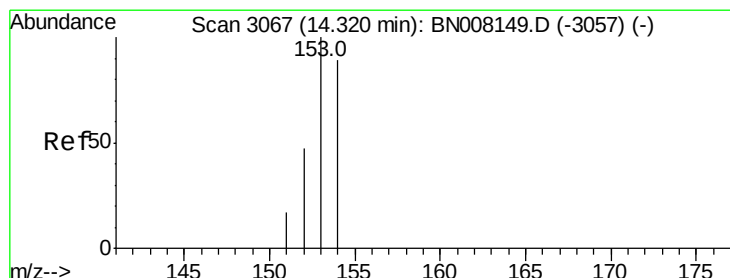
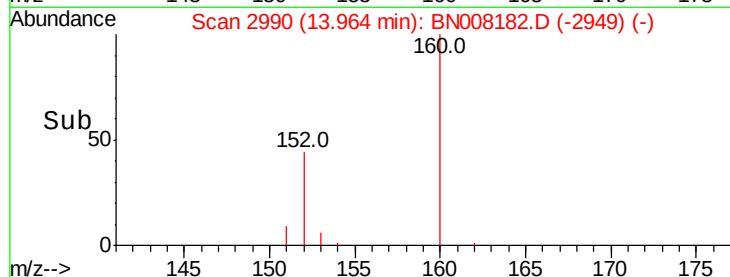
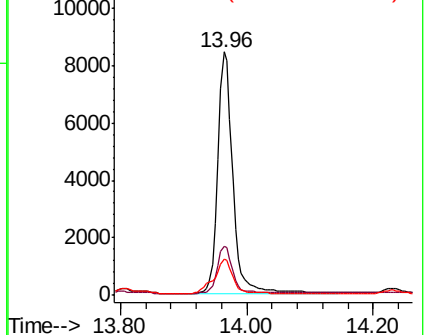
153 14.8 11.0 16.4



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: 0.294 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008182.D

Acq: 15 Oct 2019 20:26

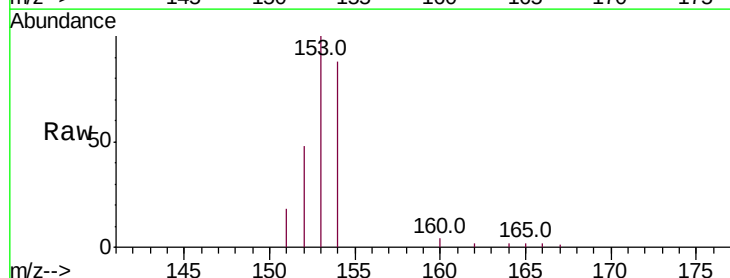
Tgt Ion:153 Resp: 8078

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.2

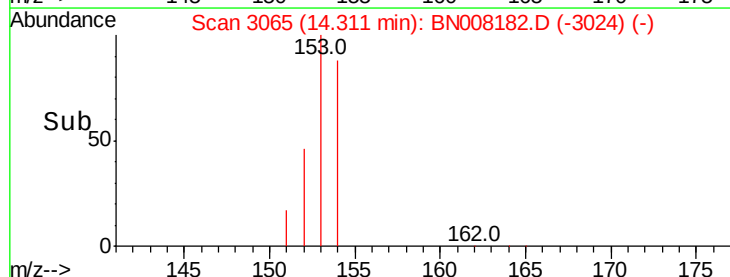
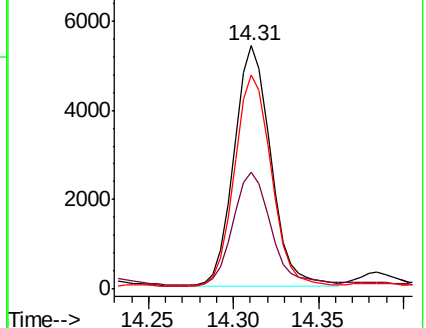
154 88.1 71.8 107.8

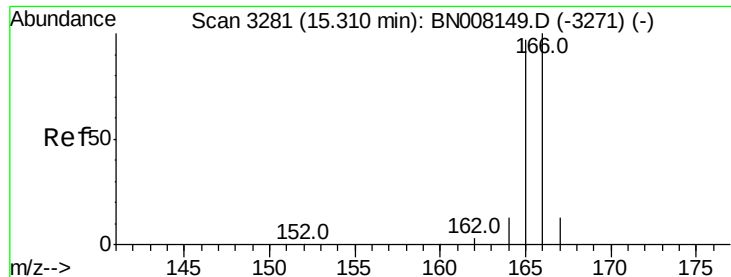


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

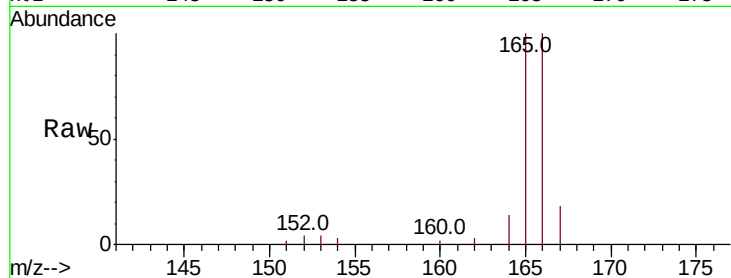




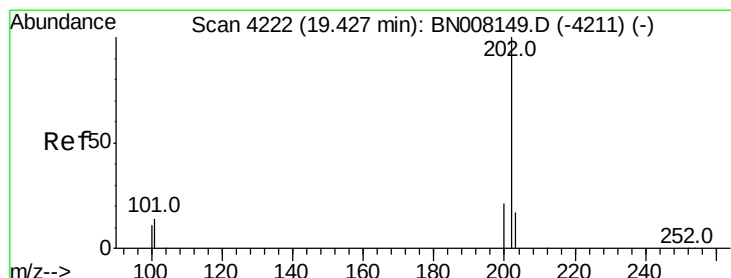
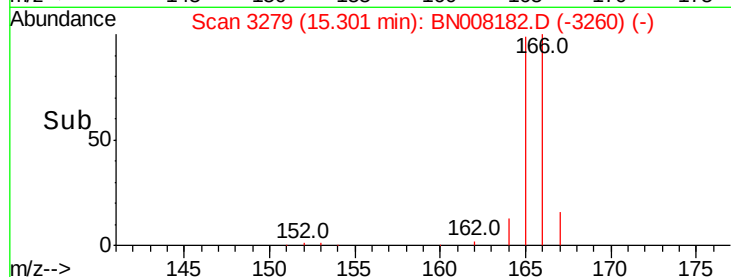
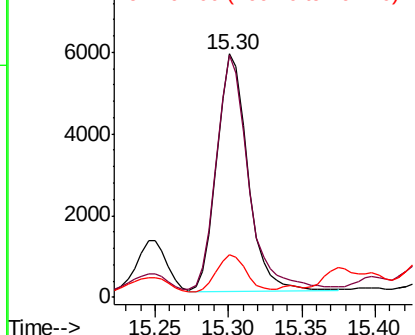
#9
Fluorene
Concen: 0.273 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:166 Resp: 8499
Ion Ratio Lower Upper
166 100
165 99.8 76.6 115.0
167 17.7 11.7 17.5#

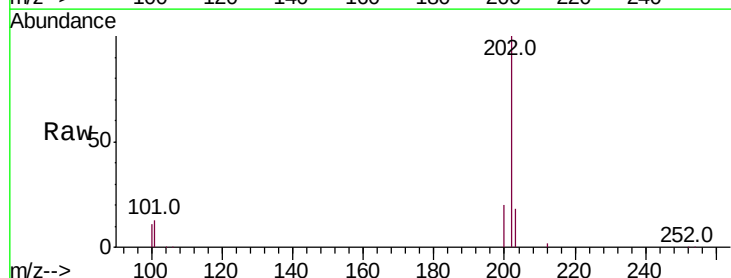


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

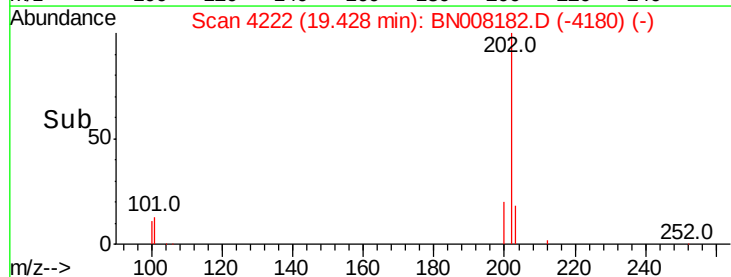
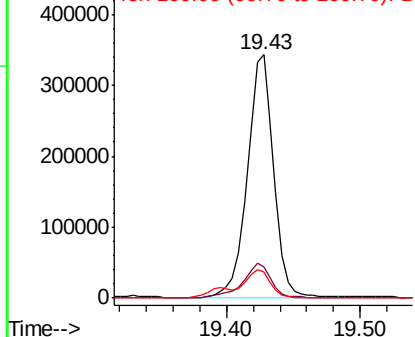


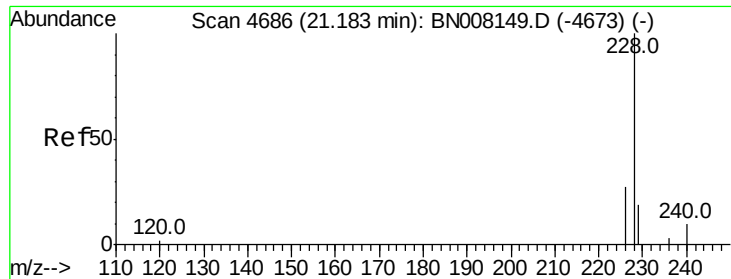
#17
Pyrene
Concen: 775.126 ng/ul
RT: 19.43 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:202 Resp: 469119
Ion Ratio Lower Upper
202 100
101 13.0 10.9 16.3
100 10.5 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: 587.693 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. 0.04 min

Lab File: BN008182.D

Acq: 15 Oct 2019 20:26

Instrument :

BNA_N

ClientSampleId :

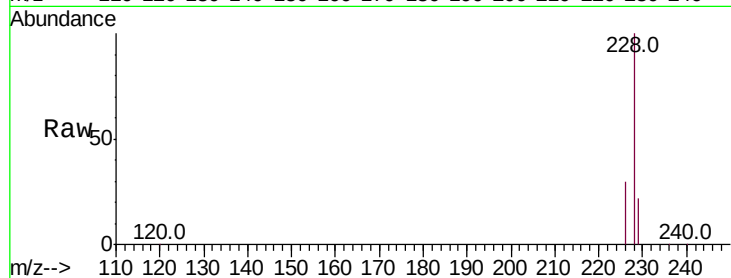
Tot Ion:228 Resp: 324772

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

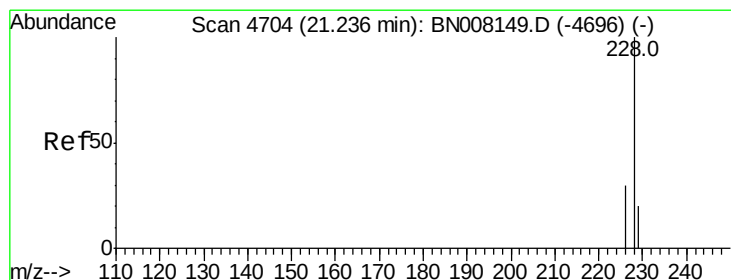
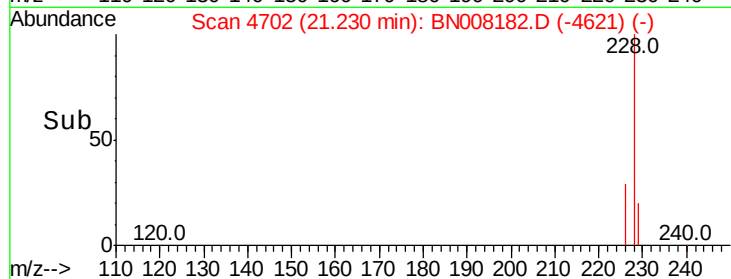
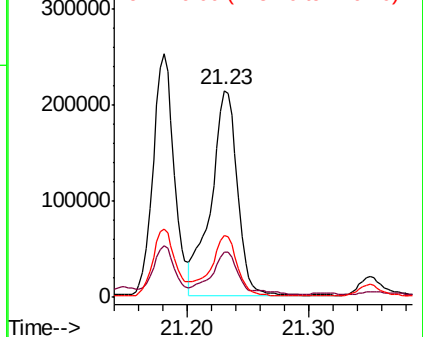
226 30.0 21.4 32.0



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: 473.456 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN008182.D

Acq: 15 Oct 2019 20:26

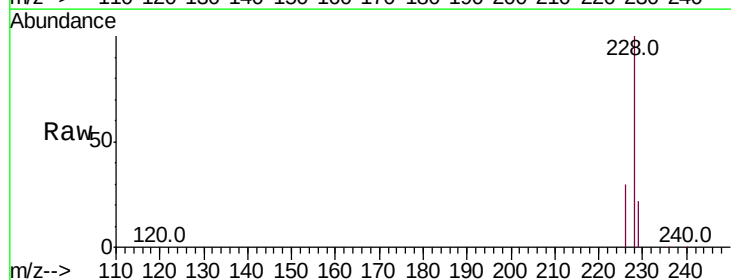
Tgt Ion:228 Resp: 321089

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 21.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

