

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008188.D
 Acq On : 16 Oct 2019 00:01
 Operator : JU
 Sample : K5175-14
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:43:50 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

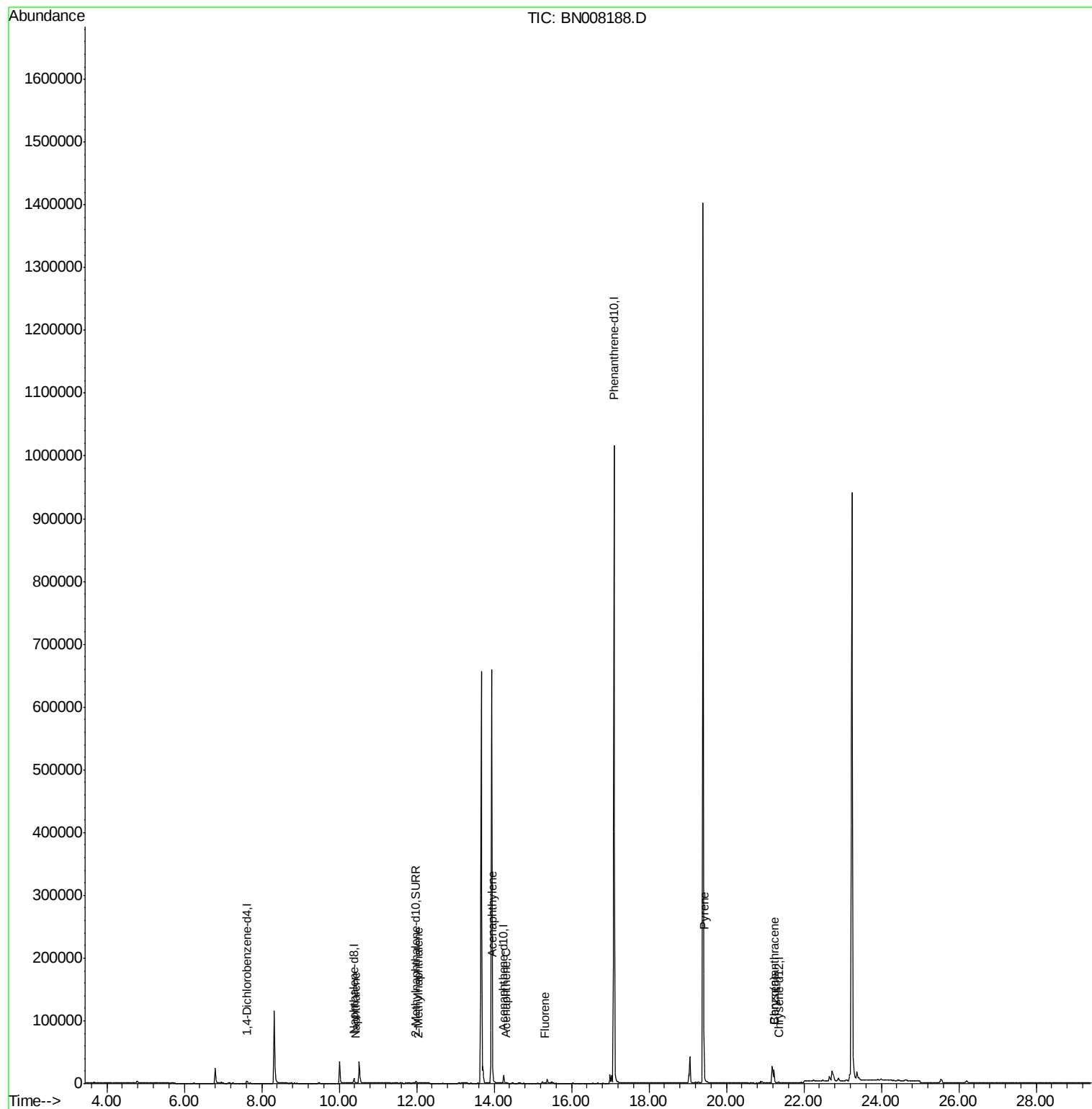
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2245	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10796	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6899	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.09	188	1133900	0.40	ng/ul	0.09
16) Chrysene-d12	21.36	240	41	0.40	ng/ul	0.16
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.40
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5143	0.28	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.43	128	816	0.027	ng/ul#	76
5) 2-Methylnaphthalene	12.06	142	472	0.022	ng/ul	98
7) Acenaphthylene	13.96	152	2317	0.071	ng/ul#	92
8) Acenaphthene	14.31	153	630	0.025	ng/ul	96
9) Fluorene	15.30	166	678	0.023	ng/ul#	91
17) Pyrene	19.42	202	34513	211.413	ng/ul	99
18) Benzo(a)anthracene	21.23	228	22838	153.211	ng/ul	94
19) Chrysene	21.23	228	21558	117.848	ng/ul	98

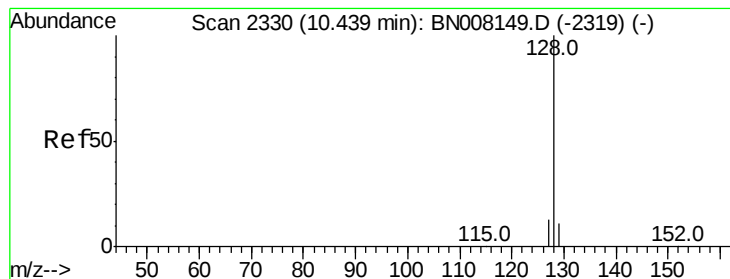
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Instrument :

BNA_N

ClientSampleId :

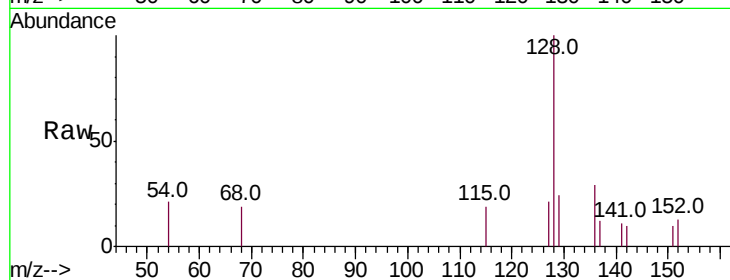
Tot Ion:128 Resp: 816

Ion Ratio Lower Upper

128 100

129 24.4 9.8 14.8#

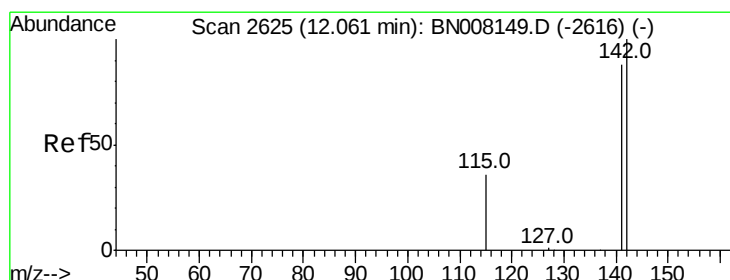
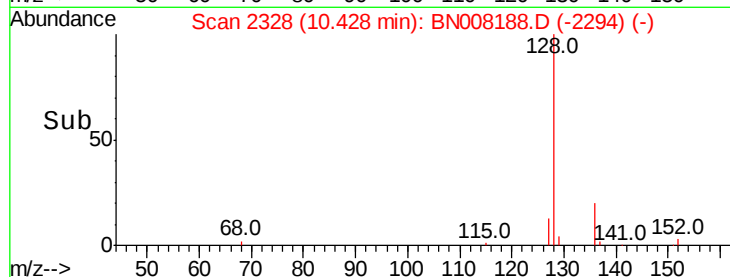
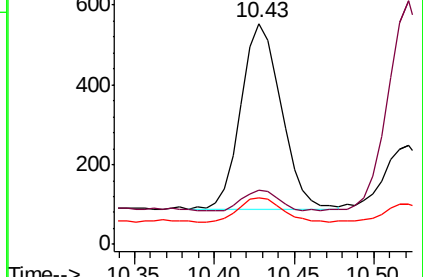
127 21.2 11.1 16.7#



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: 0.022 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008188.D

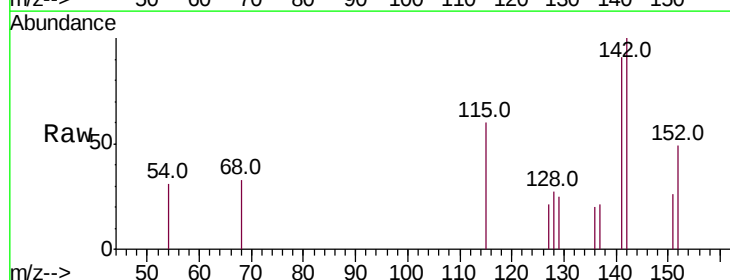
Acq: 16 Oct 2019 00:01

Tgt Ion:142 Resp: 472

Ion Ratio Lower Upper

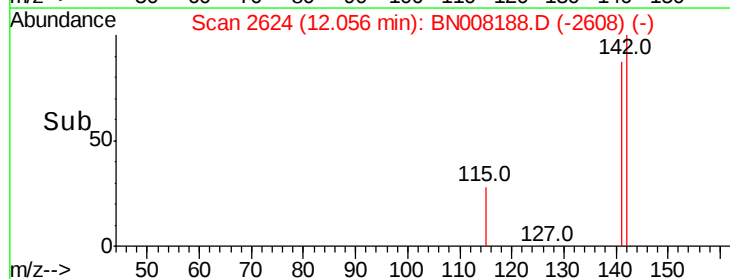
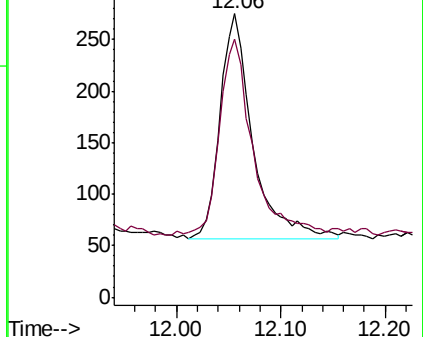
142 100

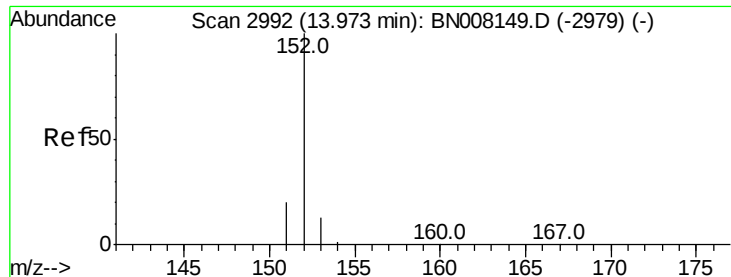
141 87.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Instrument :

BNA_N

ClientSampleId :

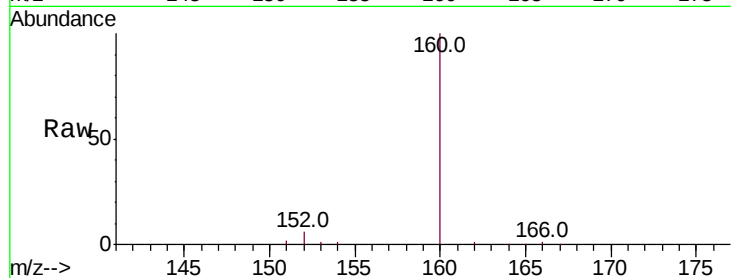
Tot Ion:152 Resp: 2317

Ion Ratio Lower Upper

152 100

151 23.7 16.2 24.4

153 17.7 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E

2000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

1500

13.96

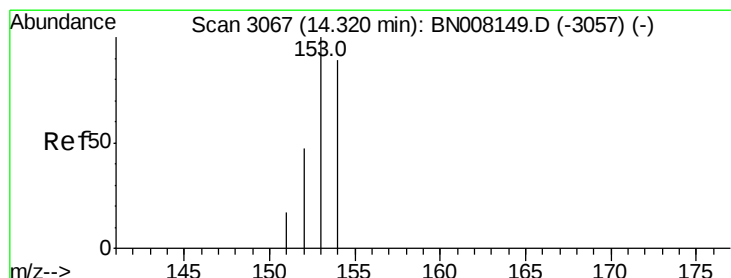
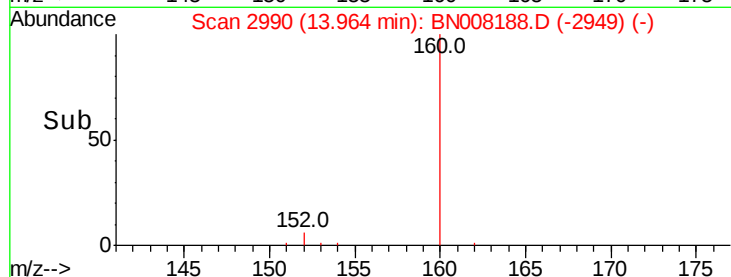
1000

500

0

Time-->

13.90 14.00 14.10



#8

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

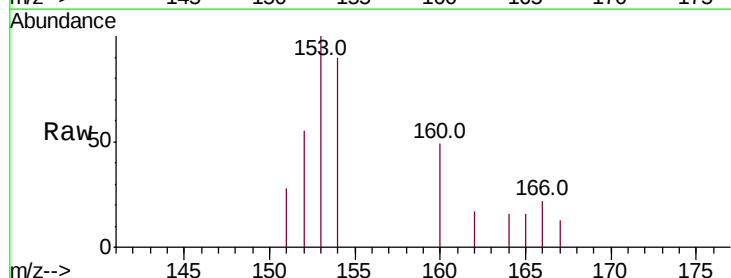
Tgt Ion:153 Resp: 630

Ion Ratio Lower Upper

153 100

152 55.3 38.2 57.2

154 89.9 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

600 Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

500

400

300

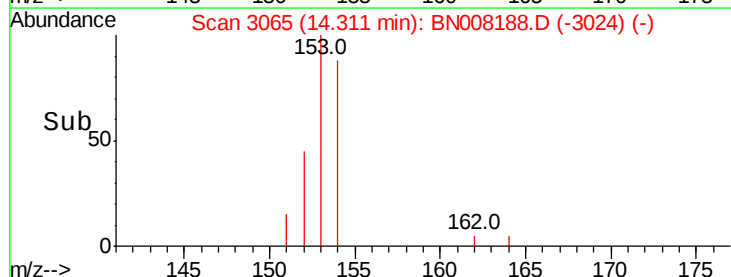
200

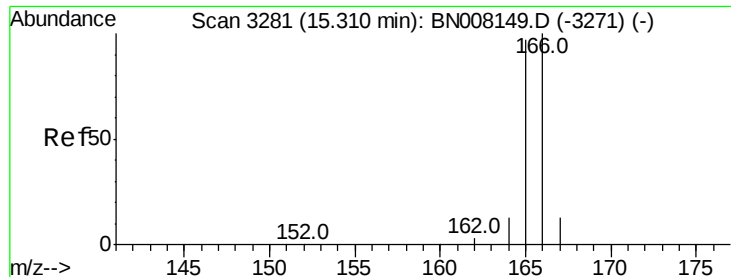
100

0

Time-->

14.25 14.30 14.35

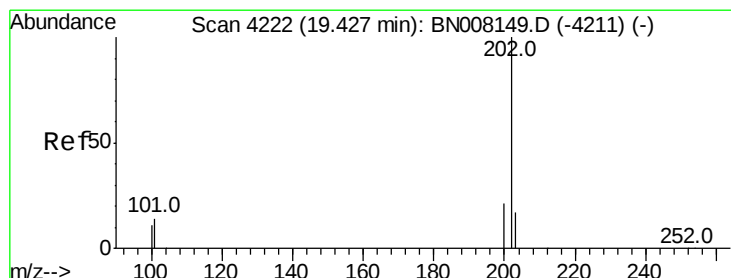
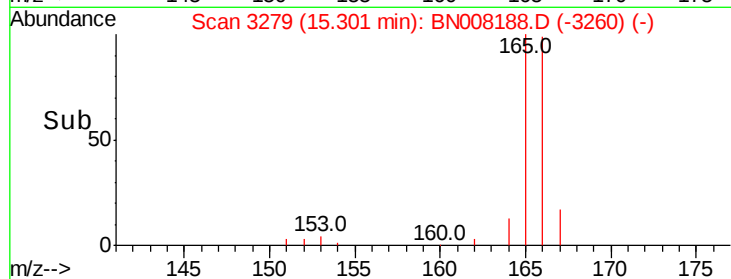
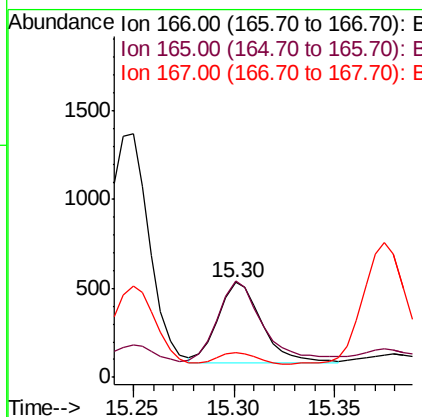
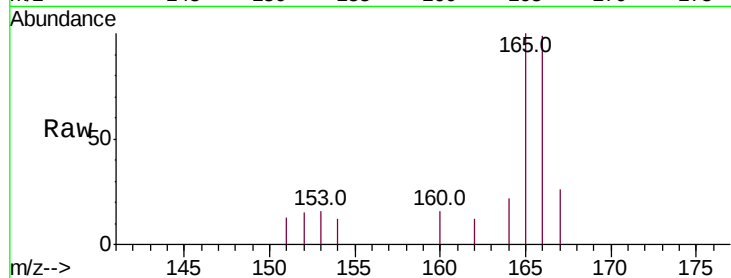




#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

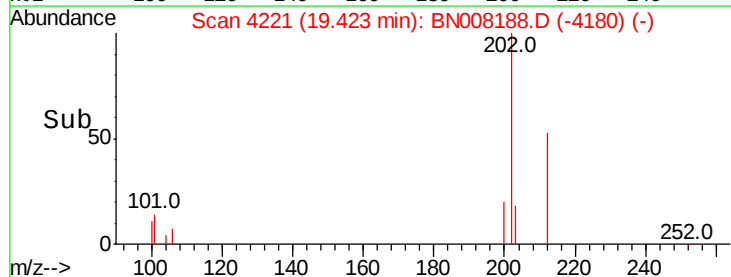
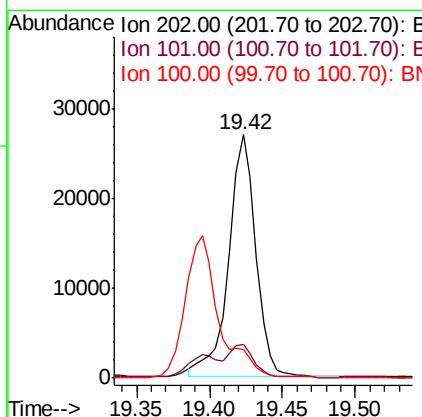
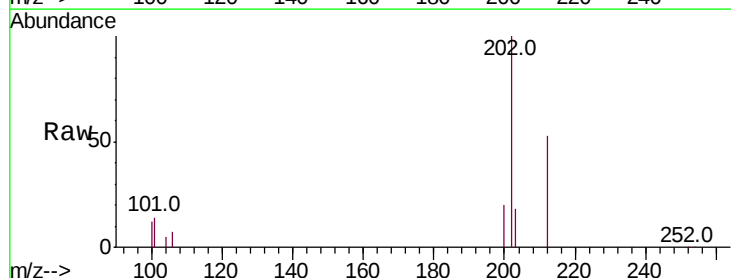
Instrument :
BNA_N
ClientSampleId :

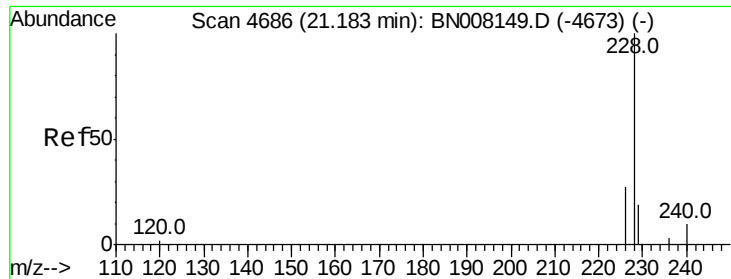
Tot Ion:166 Resp: 678
Ion Ratio Lower Upper
166 100
165 101.3 76.6 115.0
167 26.3 11.7 17.5#



#17
Pyrene
Concen: 211.413 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Tgt Ion:202 Resp: 34513
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.7 8.7 13.1

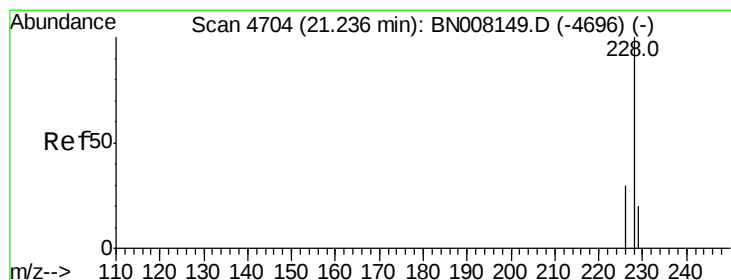
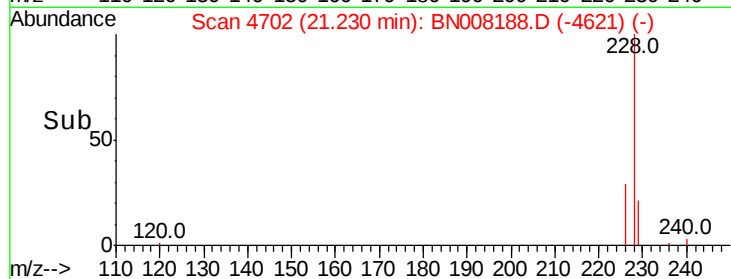
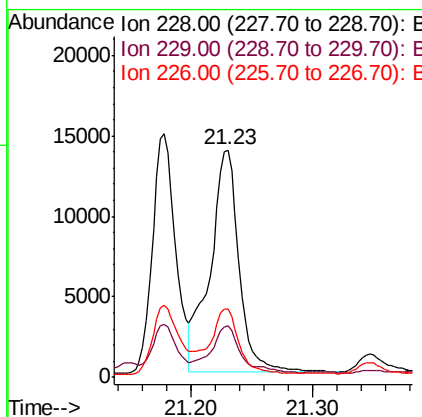
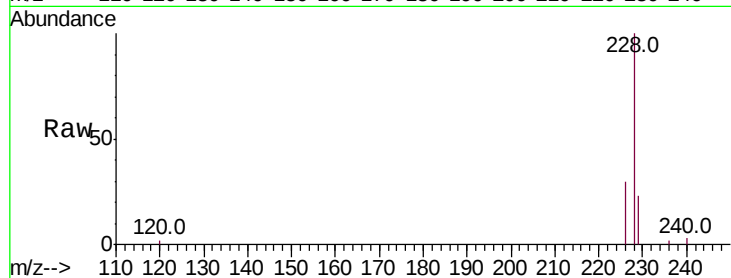




#18
Benzo(a)anthracene
Concen: 153.211 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.04 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 22838
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.2
226 30.1 21.4 32.0



#19
Chrysene
Concen: 117.848 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Tgt Ion:228 Resp: 21558
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 22.6 16.2 24.2

