

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008239.D
 Acq On : 18 Oct 2019 01:57
 Operator : JU
 Sample : K5177-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 04:07:13 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2969	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14413	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8717	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	14705	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11908	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3355	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9740	0.00	ng/ul	0.00

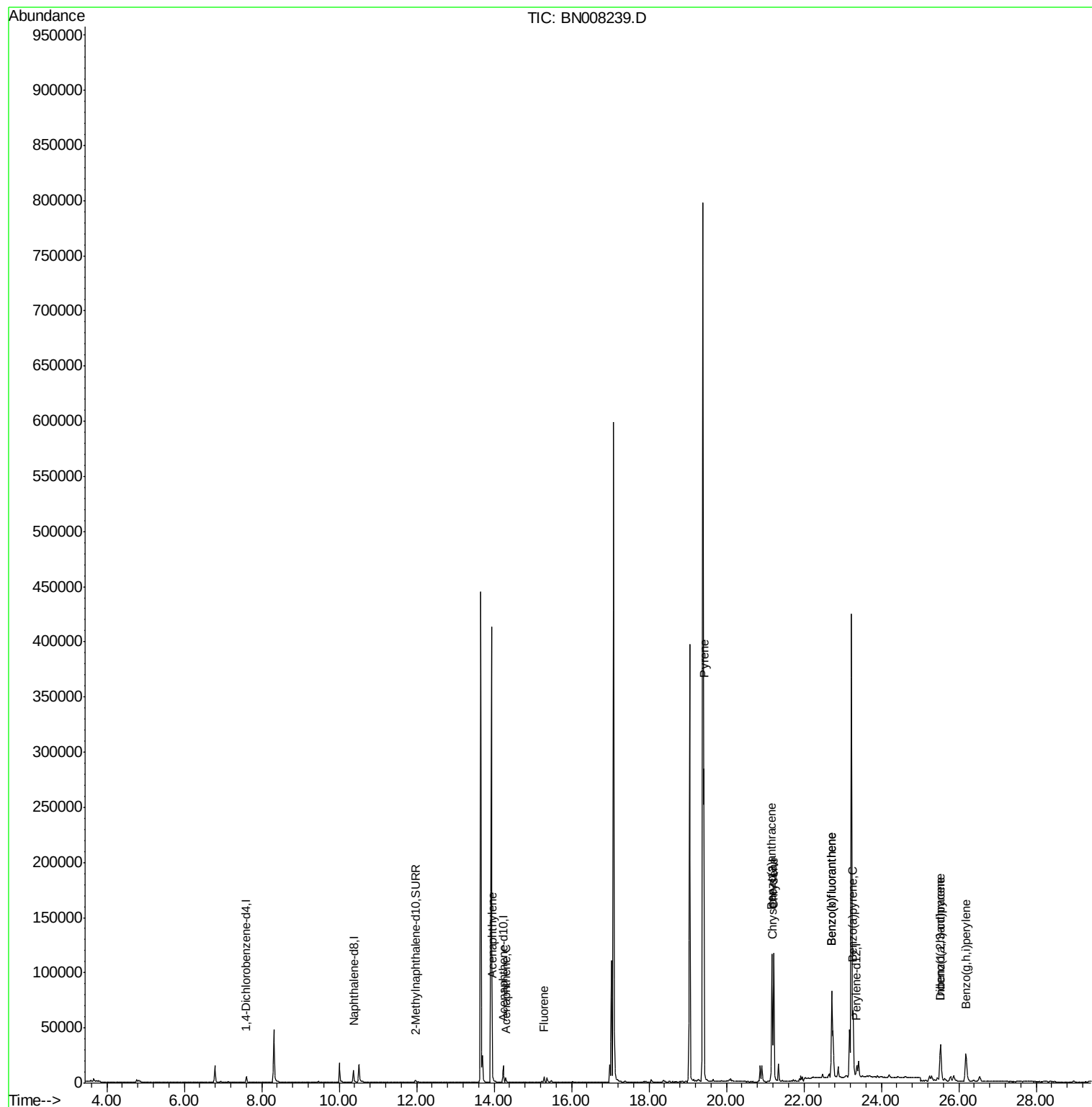
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	1133	0.027	ng/ul#	82
8) Acenaphthene	14.30	153	2329	0.072	ng/ul	99
9) Fluorene	15.29	166	3147	0.086	ng/ul	98
17) Pyrene	19.41	202	246808	4.215	ng/ul	99
18) Benzo(a)anthracene	21.17	228	96767	1.810	ng/ul	99
19) Chrysene	21.22	228	114070	1.739	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	169103	4.362	ng/ul	93
22) Benzo(k)fluoranthene	22.72	252	169103	3.851	ng/ul	93
23) Benzo(a)pyrene	23.27	252	74806	1.834	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.52	276	57389	1.195	ng/ul	96
25) Dibenzo(a,h)anthracene	25.53	278	10989	0.289	ng/ul	94
26) Benzo(g,h,i)perylene	26.18	276	51533	1.170	ng/ul	99

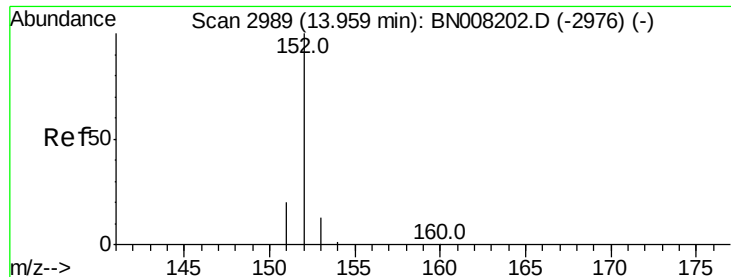
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

ClientSampleId :

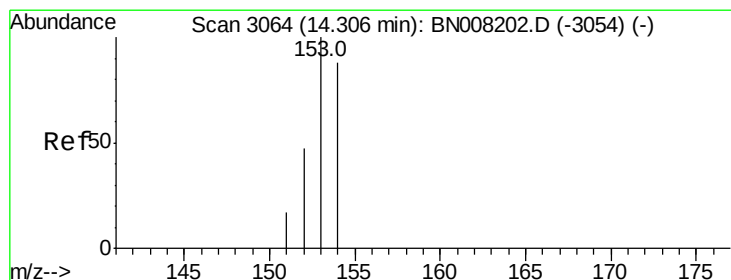
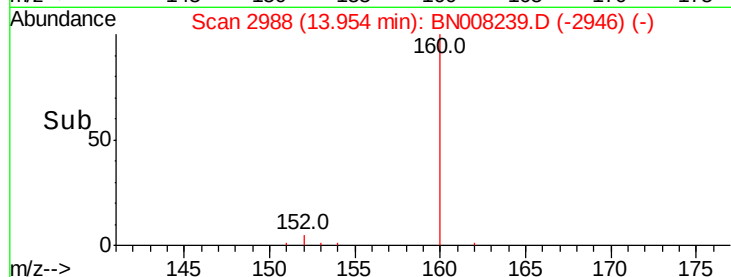
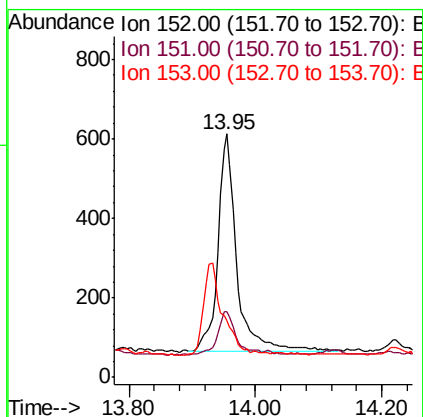
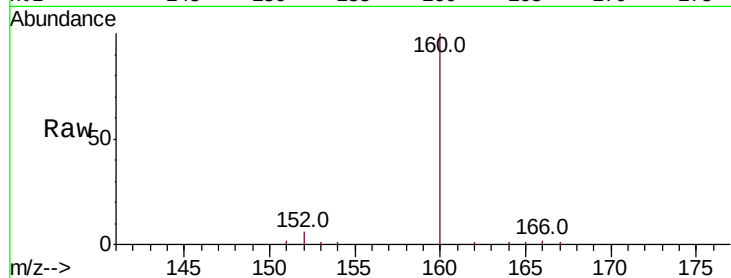
Tot Ion:152 Resp: 1133

Ion Ratio Lower Upper

152 100

151 26.9 16.2 24.4#

153 23.3 11.0 16.4#



#8

Acenaphthene

Concen: 0.072 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

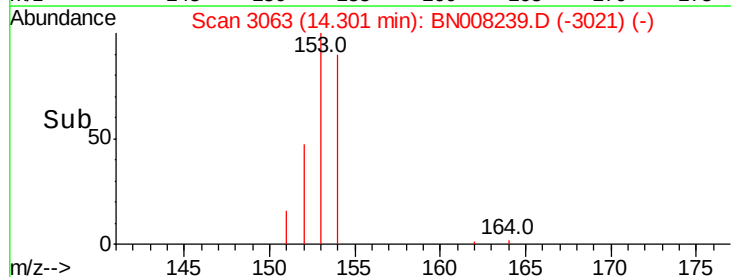
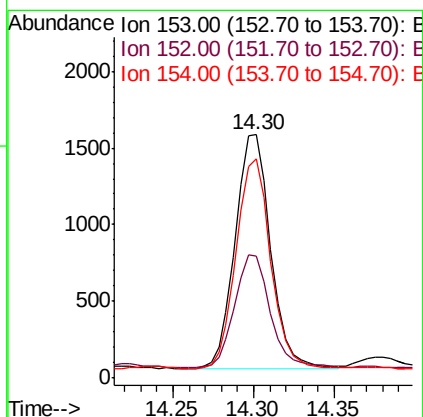
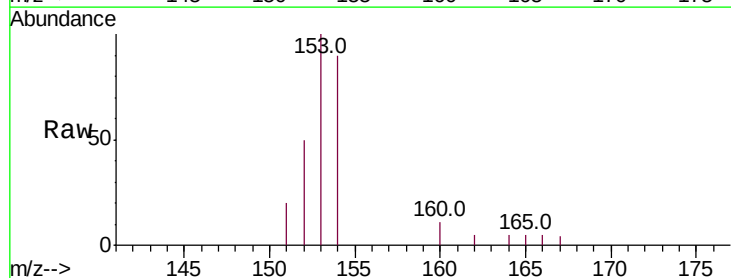
Tgt Ion:153 Resp: 2329

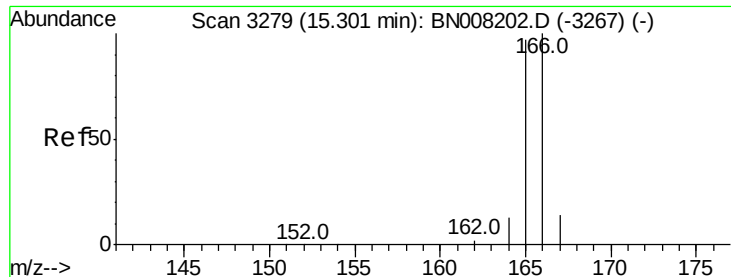
Ion Ratio Lower Upper

153 100

152 49.9 38.2 57.2

154 90.3 71.8 107.8





#9

Fluorene

Concen: 0.086 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

ClientSampleId :

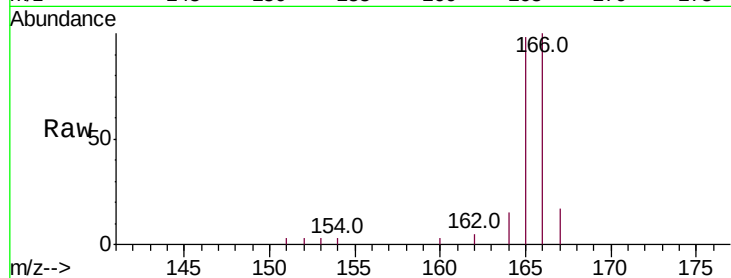
Tot Ion:166 Resp: 3147

Ion Ratio Lower Upper

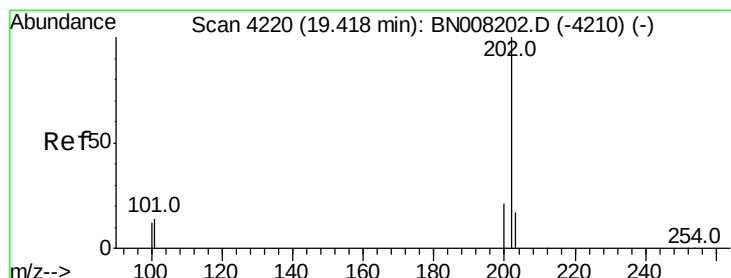
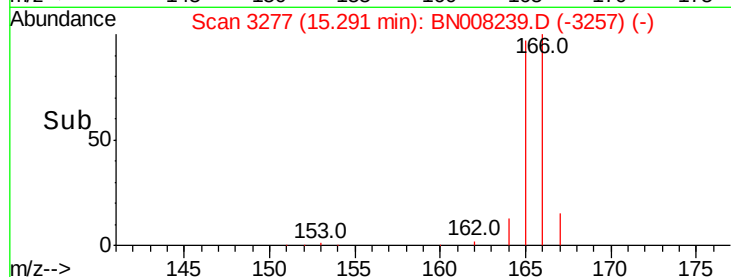
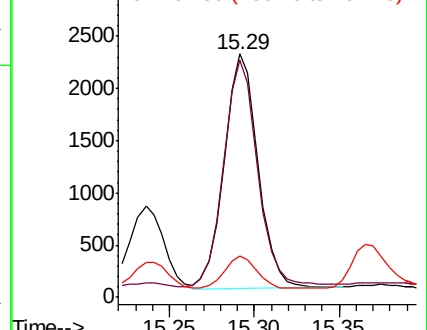
166 100

165 97.6 76.6 115.0

167 16.9 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: 4.215 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

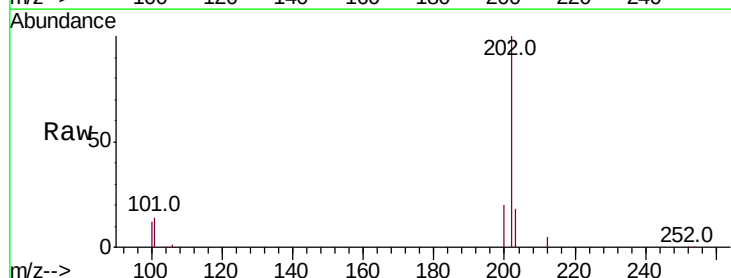
Tgt Ion:202 Resp: 246808

Ion Ratio Lower Upper

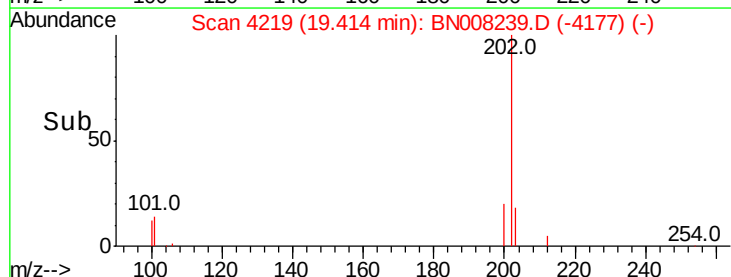
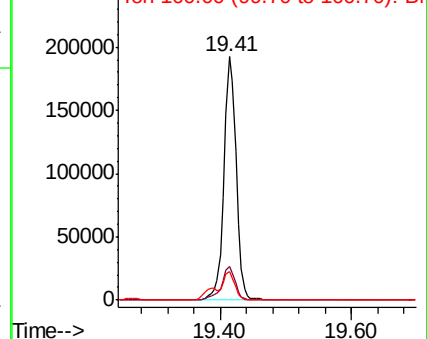
202 100

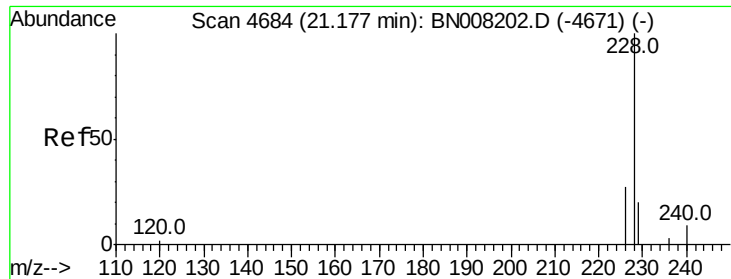
101 14.1 10.9 16.3

100 11.6 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

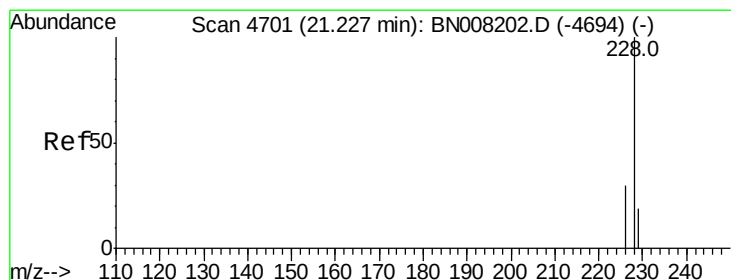
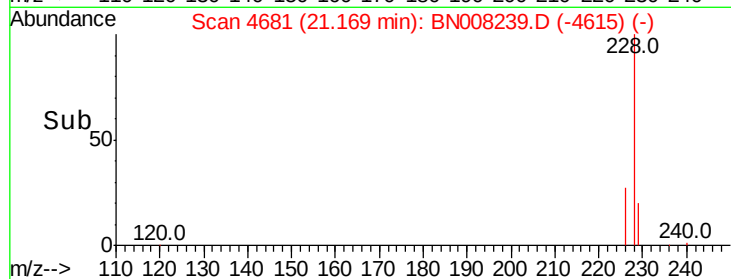
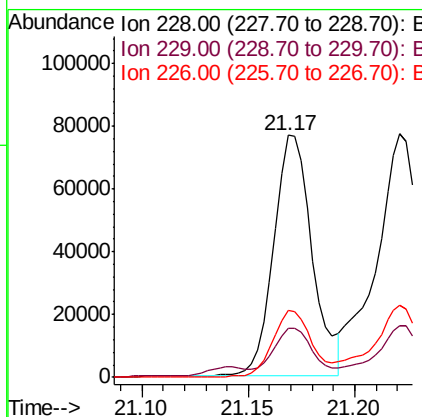
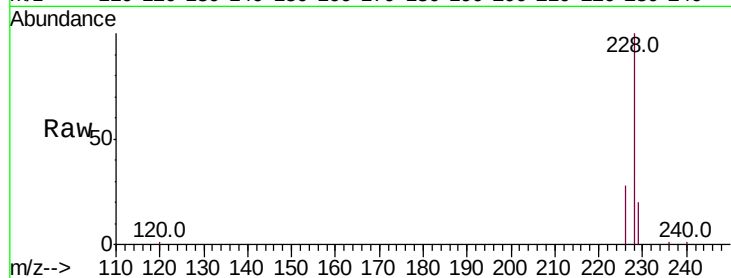




#18
Benzo(a)anthracene
Concen: 1.810 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.01 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

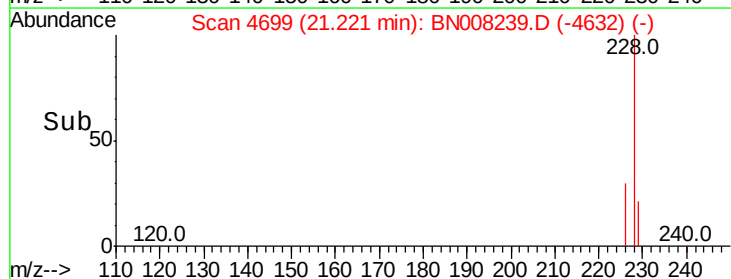
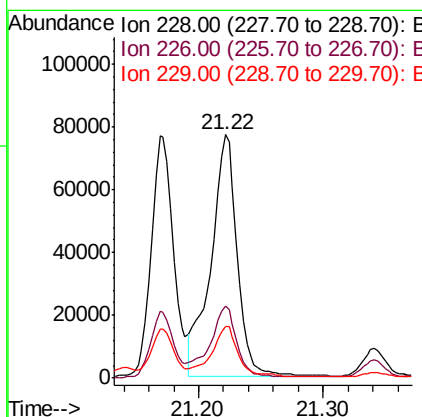
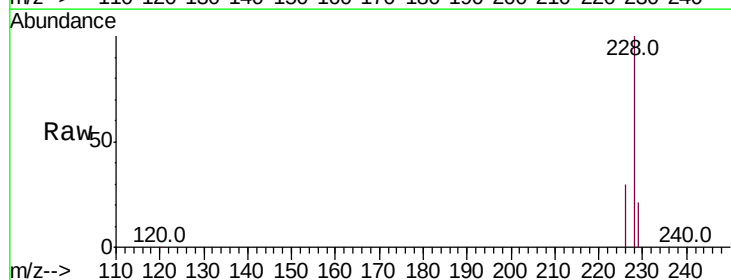
Instrument :
BNA_N
ClientSampleId :

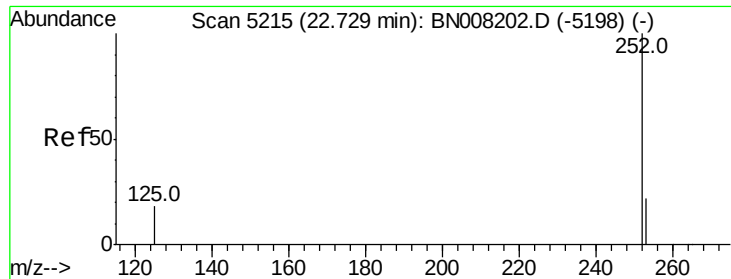
Tot Ion:228 Resp: 96767
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 27.5 21.4 32.0



#19
Chrysene
Concen: 1.739 ng/ul
RT: 21.22 min Scan# 4699
Delta R.T. -0.01 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

Tgt Ion:228 Resp: 114070
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 21.1 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 4.362 ng/ul

RT: 22.72 min Scan# 5212

Delta R.T. -0.01 min

Lab File: BN008239.D

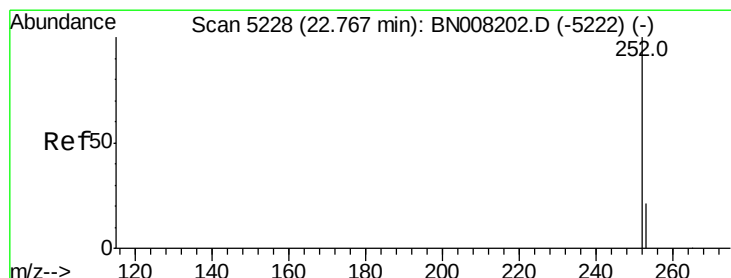
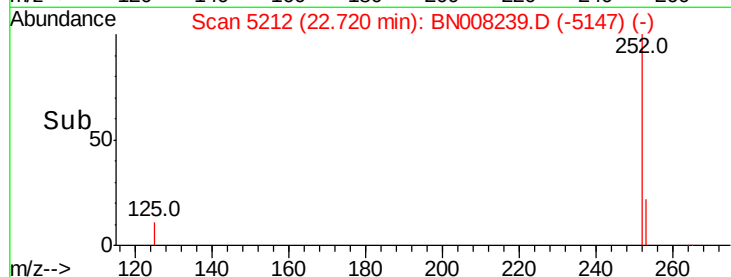
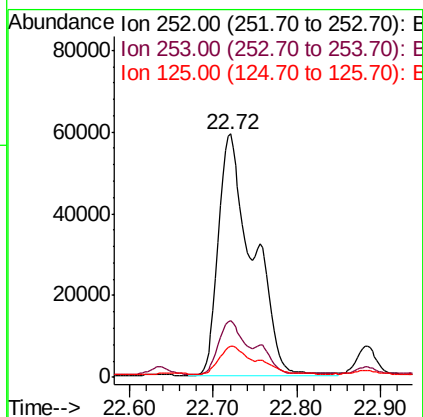
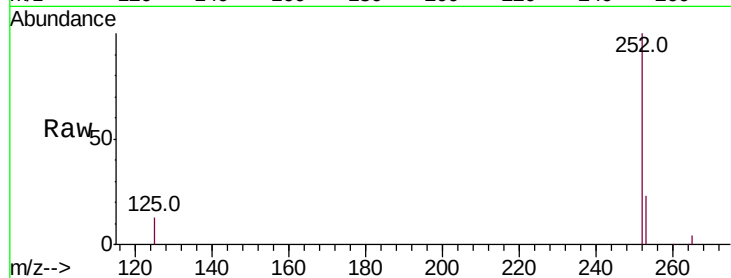
Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	169103
Ion	Ratio	Lower Upper
252	100	
253	23.3	0.0 53.4
125	12.6	0.0 32.4



#22

Benzo(k)fluoranthene

Concen: 3.851 ng/ul

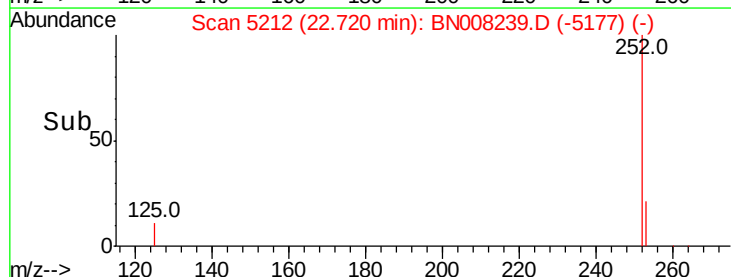
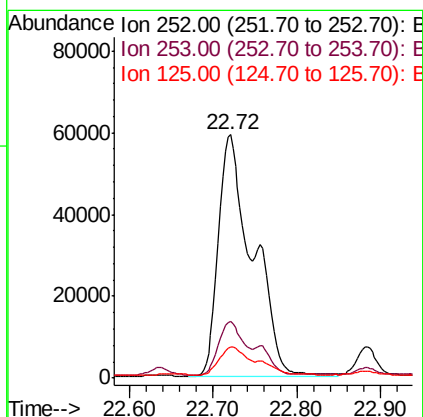
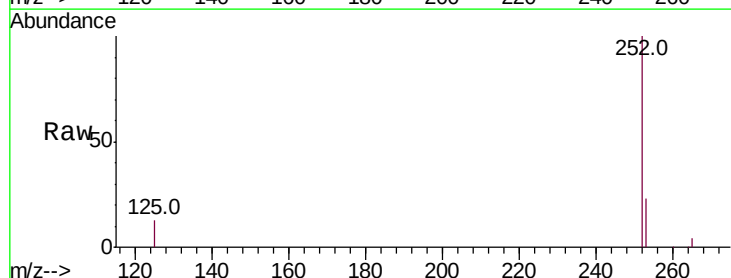
RT: 22.72 min Scan# 5212

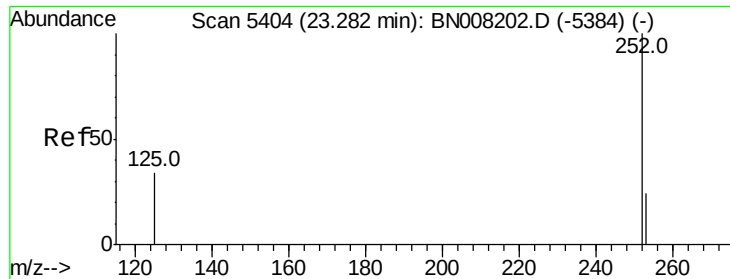
Delta R.T. -0.05 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Tgt Ion:252	Resp:	169103
Ion	Ratio	Lower Upper
252	100	
253	23.3	21.3 31.9
125	12.6	12.3 18.5





#23

Benzo(a)pyrene

Concen: 1.834 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

ClientSampled :

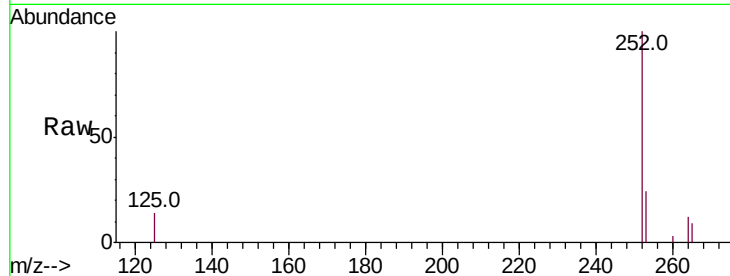
Tot Ion:252 Resp: 74806

Ion Ratio Lower Upper

252 100

253 23.5 22.8 34.2

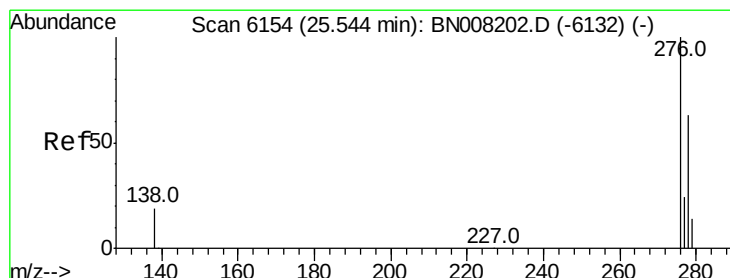
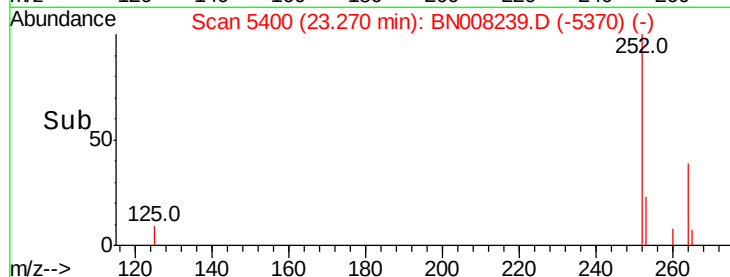
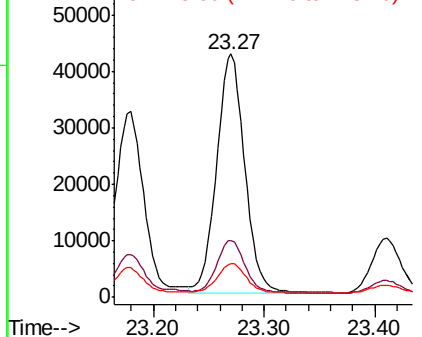
125 13.8 18.4 27.6#



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: 1.195 ng/ul

RT: 25.52 min Scan# 6148

Delta R.T. -0.02 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

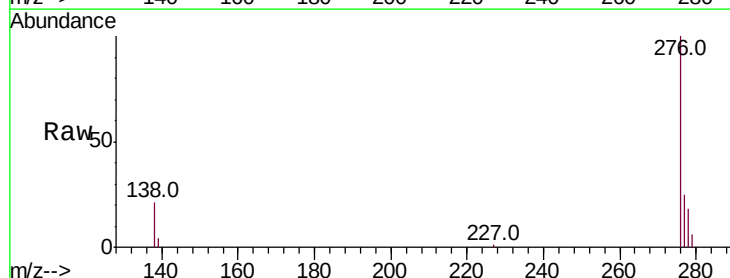
Tgt Ion:276 Resp: 57389

Ion Ratio Lower Upper

276 100

138 18.4 16.1 24.1

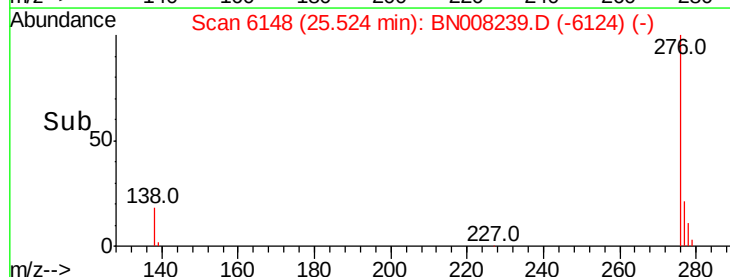
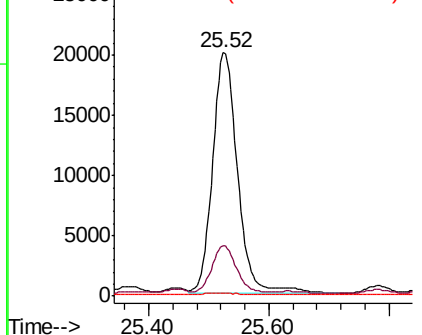
227 0.2 0.2 0.2

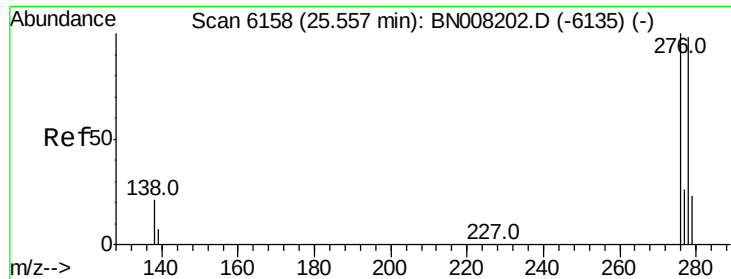


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

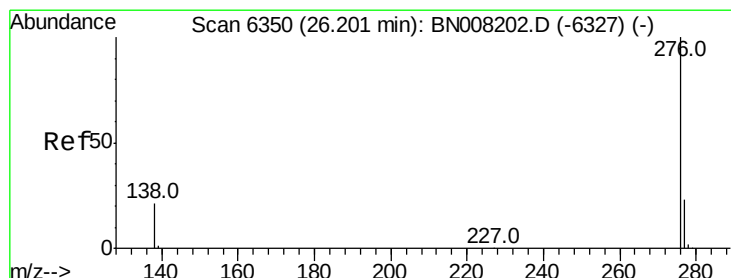
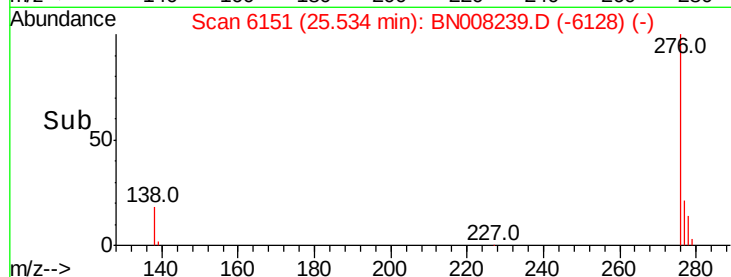
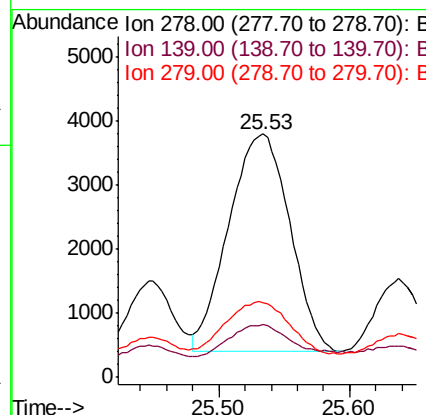
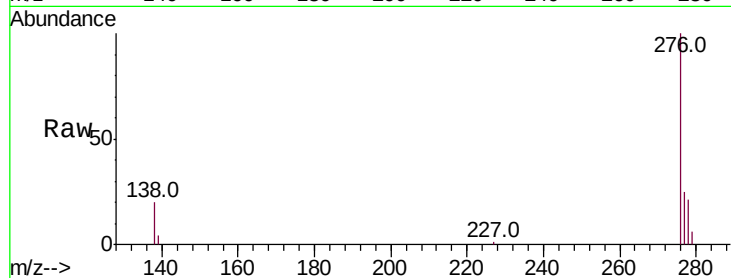




#25
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.02 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 10989
Ion Ratio Lower Upper
278 100
139 21.5 15.0 22.6
279 30.7 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 1.170 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. -0.02 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

Tgt Ion:276 Resp: 51533
Ion Ratio Lower Upper
276 100
138 21.1 17.0 25.4
277 24.3 20.4 30.6

