

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
 Data File : BN006317.D
 Acq On : 13 Jun 2019 18:50
 Operator : JU/SJ
 Sample : K3213-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 01:06:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

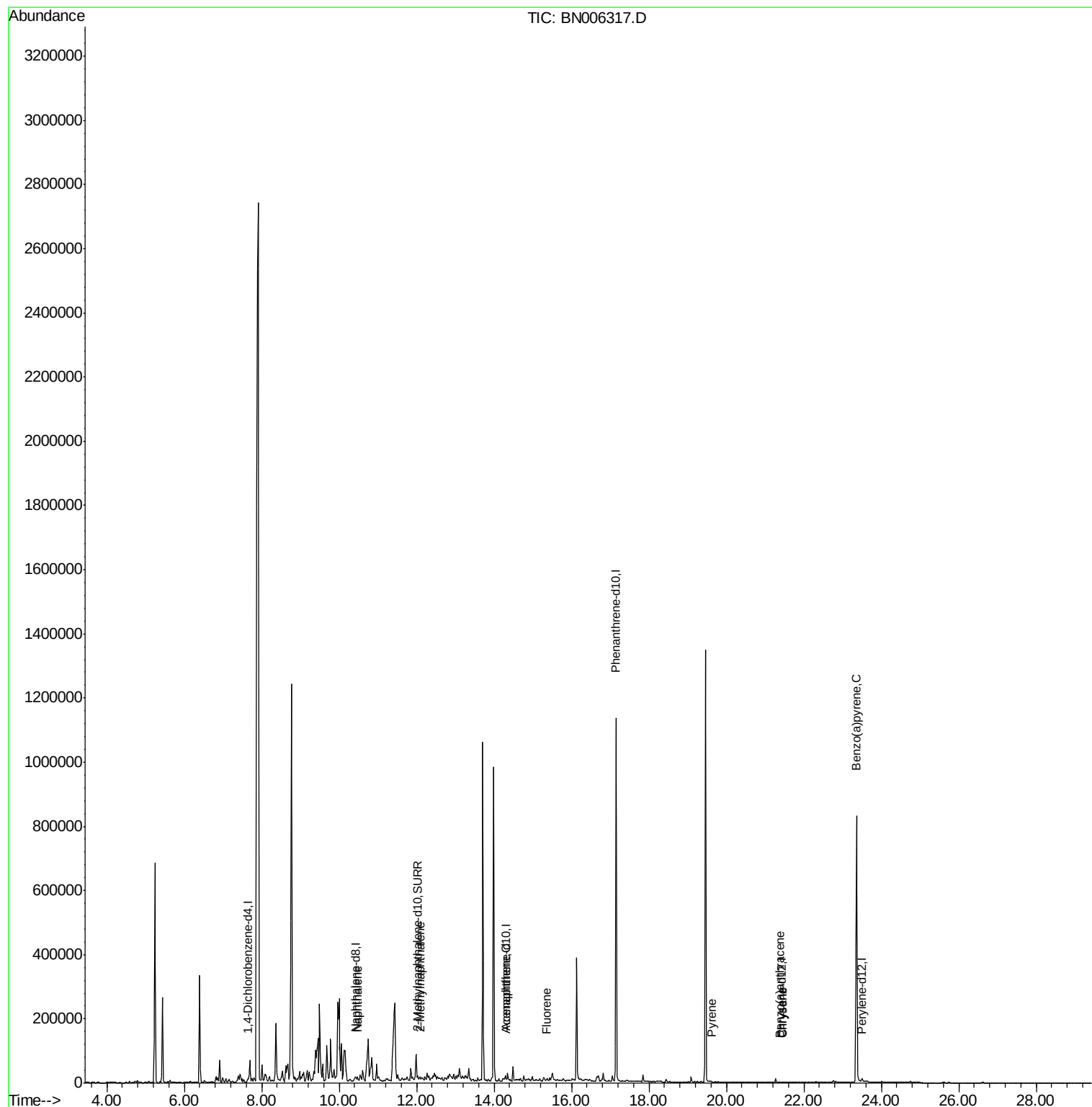
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4157	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1248149	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	18	0.40	ng/ul	0.14
20) Perylene-d12	23.50	264	20476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9516	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	13229	0.287	ng/ul#	86
5) 2-Methylnaphthalene	12.08	142	2010	0.063	ng/ul#	1
8) Acenaphthene	14.32	153	887	0.022	ng/ul	91
9) Fluorene	15.35	166	2655	0.057	ng/ul#	74
17) Pyrene	19.61	202	130	1.371	ng/ul#	1
18) Benzo(a)anthracene	21.38	228	18	0.226	ng/ul#	1
19) Chrysene	21.45	228	24	0.321	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	4261	0.054	ng/ul#	30

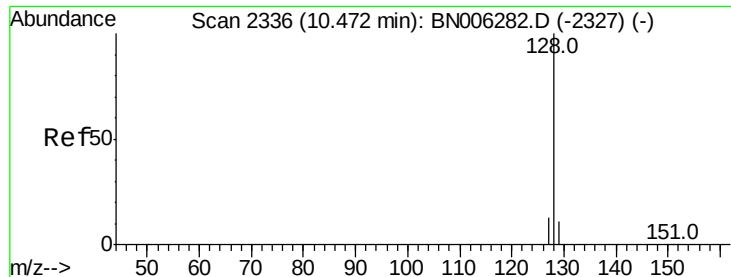
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.287 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

Instrument :

BNA_N

ClientSampleId :

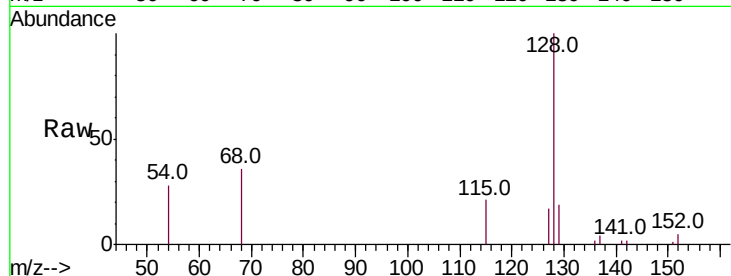
Tot Ion:128 Resp: 13229

Ion Ratio Lower Upper

128 100

129 18.7 9.3 13.9#

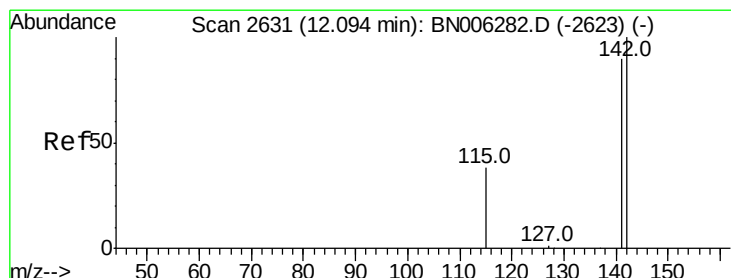
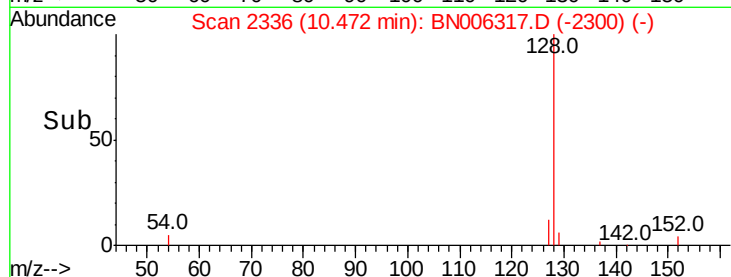
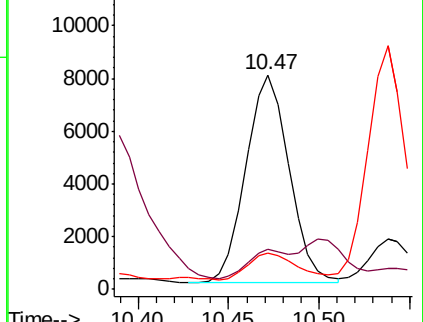
127 17.1 10.7 16.1#



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: 0.063 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN006317.D

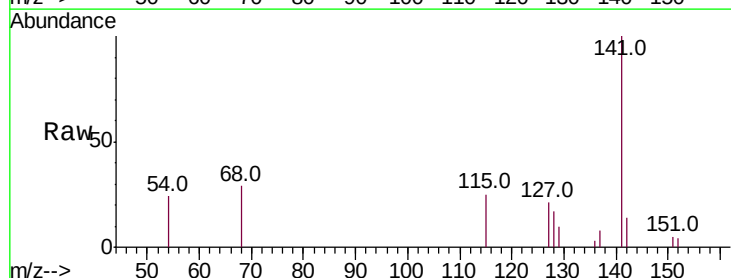
Acq: 13 Jun 2019 18:50

Tgt Ion:142 Resp: 2010

Ion Ratio Lower Upper

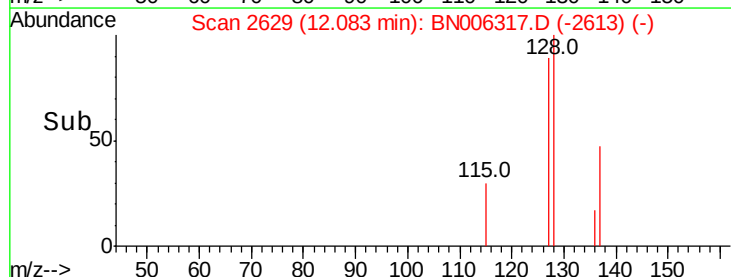
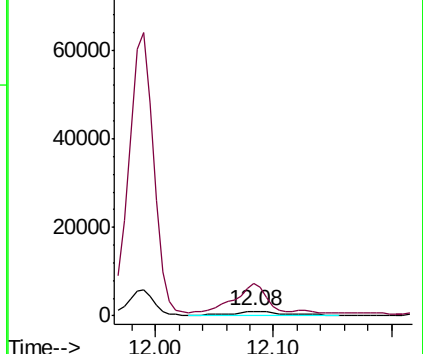
142 100

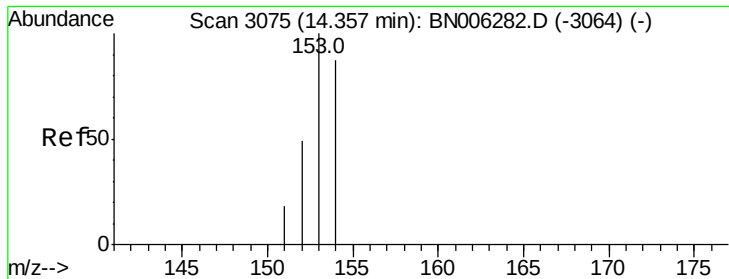
141 754.4 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.04 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

Instrument :

BNA_N

ClientSampleId :

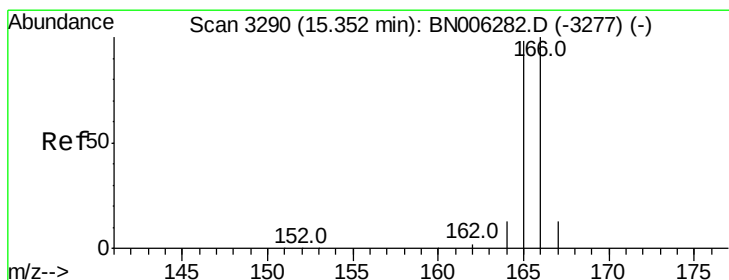
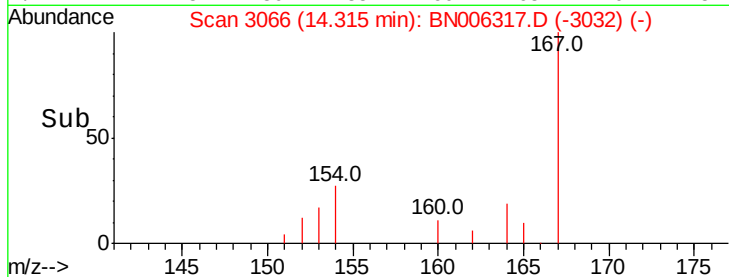
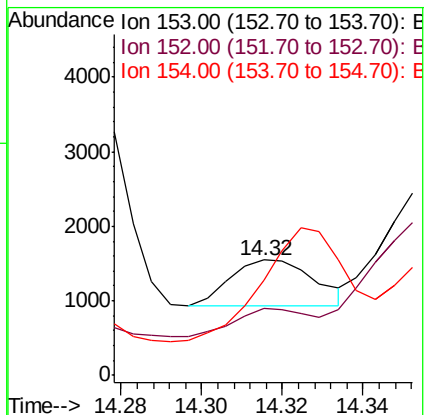
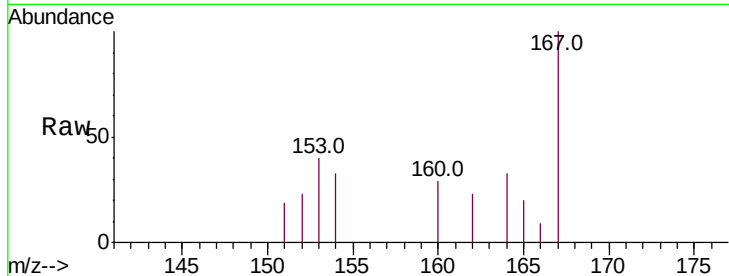
Tot Ion:153 Resp: 887

Ion Ratio Lower Upper

153 100

152 57.8 39.1 58.7

154 82.6 71.1 106.7



#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

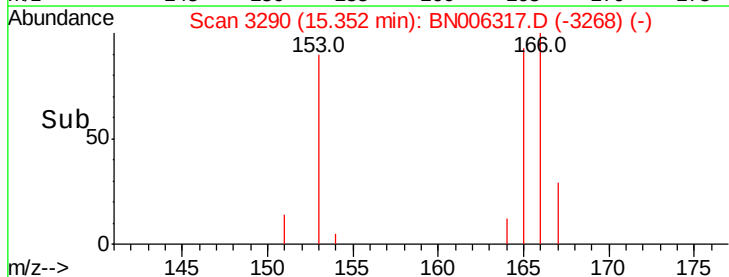
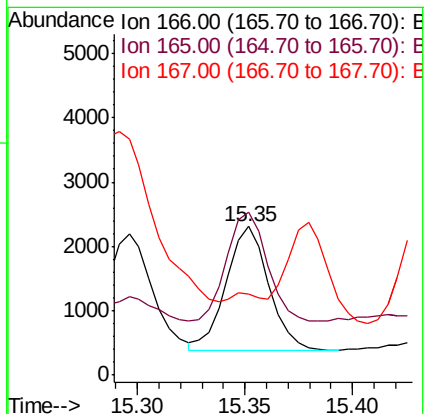
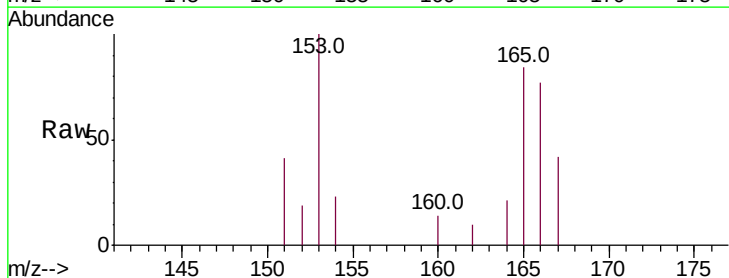
Tgt Ion:166 Resp: 2655

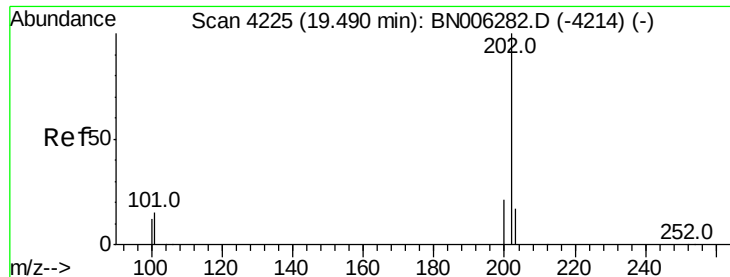
Ion Ratio Lower Upper

166 100

165 109.9 76.4 114.6

167 54.4 11.0 16.6#





#17

Pvrene

Concen: 1.371 ng/ul

RT: 19.61 min Scan# 4250

Delta R.T. 0.12 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

Instrument :

BNA_N

ClientSampleId :

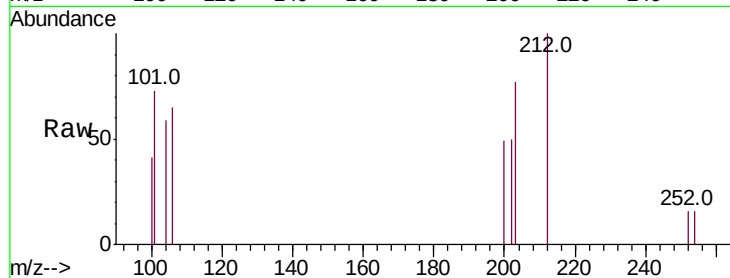
Tot Ion:202 Resp: 130

Ion Ratio Lower Upper

202 100

101 146.3 12.2 18.2#

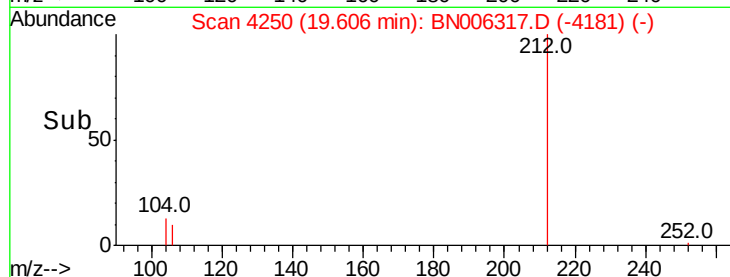
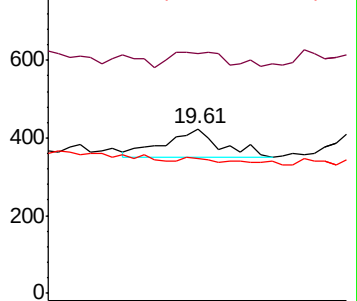
100 82.0 9.8 14.6#



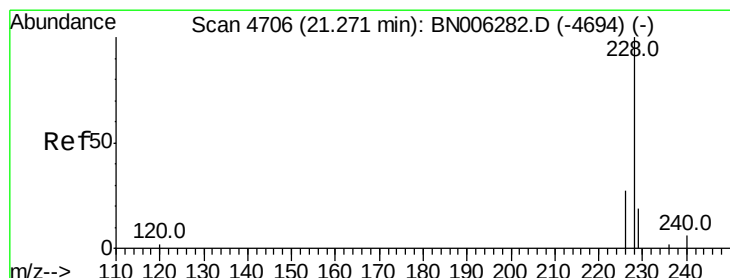
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#18

Benzo(a)anthracene

Concen: 0.226 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.13 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

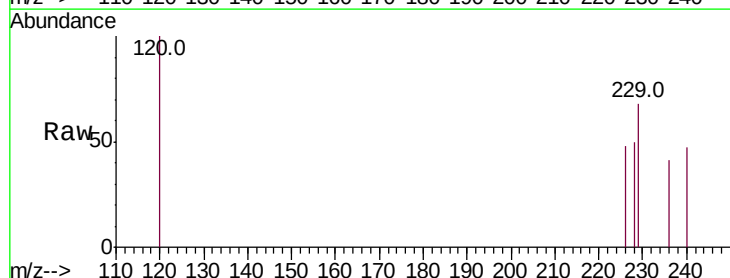
Tgt Ion:228 Resp: 18

Ion Ratio Lower Upper

228 100

229 134.5 16.5 24.7#

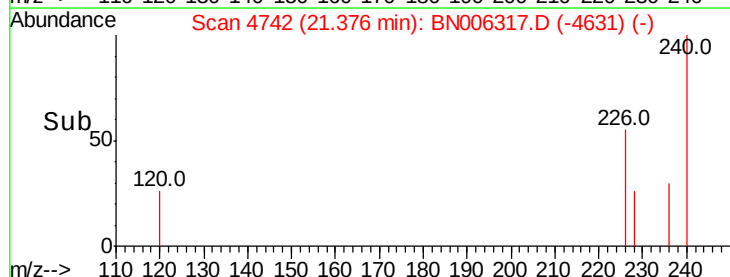
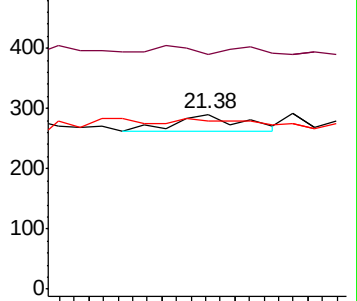
226 96.2 22.8 34.2#



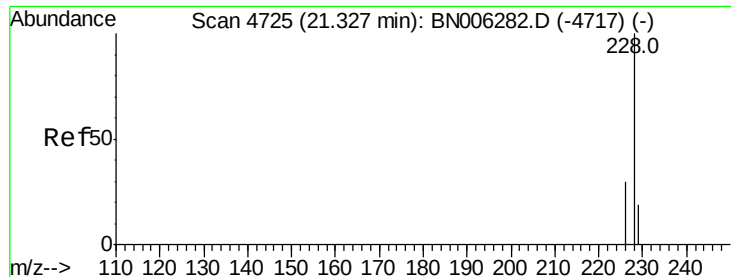
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#19

Chrysene

Concen: 0.321 ng/ul

RT: 21.45 min Scan# 4766

Delta R.T. 0.14 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

Instrument :

BNA_N

ClientSampleId :

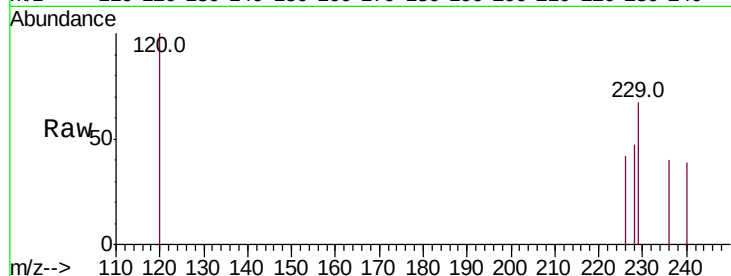
Tot Ion:228 Resp: 24

Ion Ratio Lower Upper

228 100

226 89.9 25.0 37.6#

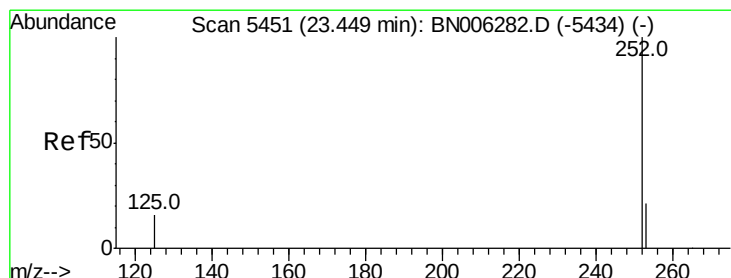
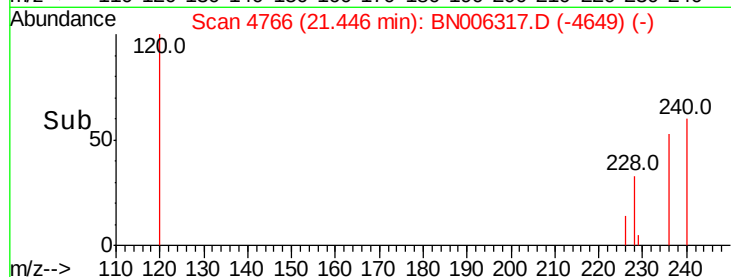
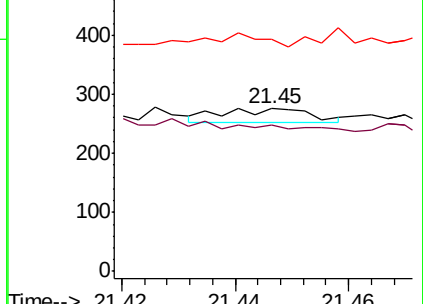
229 142.4 16.3 24.5#



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



#23

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. -0.04 min

Lab File: BN006317.D

Acq: 13 Jun 2019 18:50

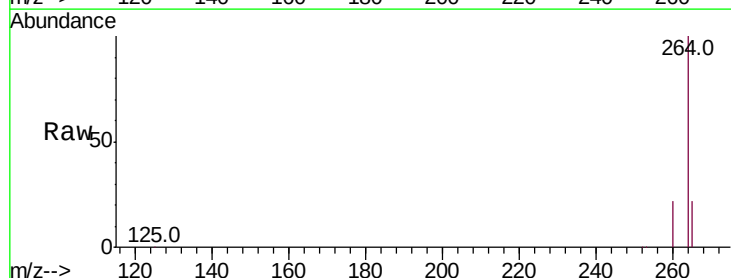
Tgt Ion:252 Resp: 4261

Ion Ratio Lower Upper

252 100

253 48.8 21.1 31.7#

125 74.1 20.3 30.5#



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

