

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
 Data File : BN006314.D
 Acq On : 13 Jun 2019 17:03
 Operator : JU/SJ
 Sample : K3215-12RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 01:05:59 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

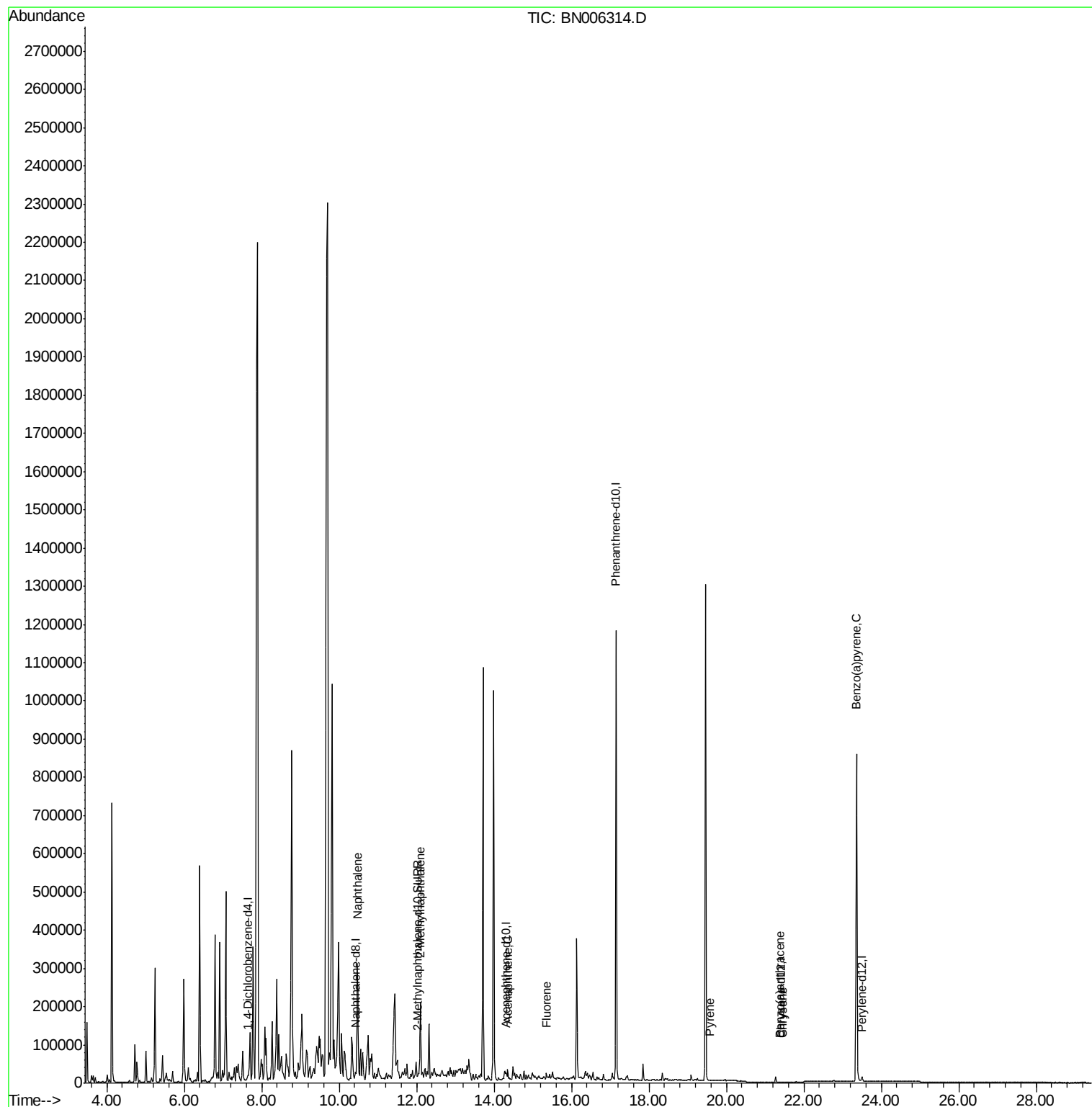
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4286	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19289	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	20186	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1272550	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	30	0.40	ng/ul	0.14
20) Perylene-d12	23.50	264	21395	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7962	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	387640	7.283	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	136602	3.683	ng/ul	98
8) Acenaphthene	14.36	153	5372	0.069	ng/ul#	79
9) Fluorene	15.35	166	9680	0.106	ng/ul#	88
17) Pyrene	19.57	202	268	1.696	ng/ul#	1
18) Benzo(a)anthracene	21.39	228	52	0.392	ng/ul#	1
19) Chrysene	21.46	228	11	0.088	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	4324	0.052	ng/ul#	43

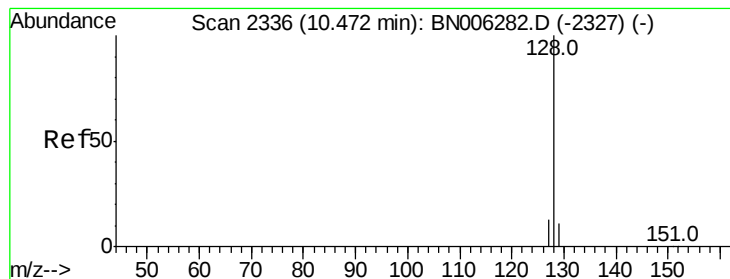
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.283 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

Instrument :

BNA_N

ClientSampleId :

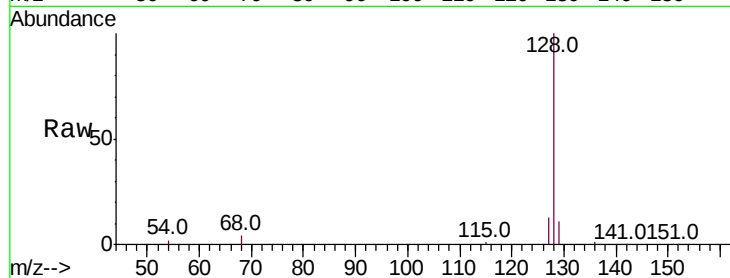
Tot Ion:128 Resp: 387640

Ion Ratio Lower Upper

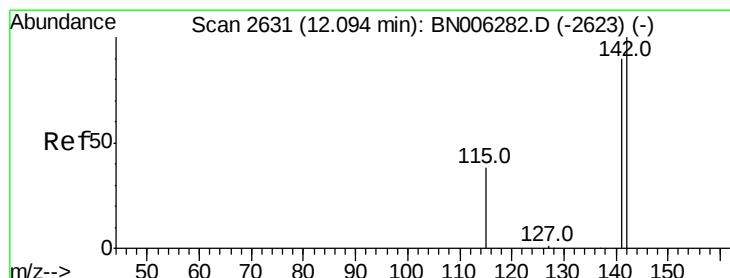
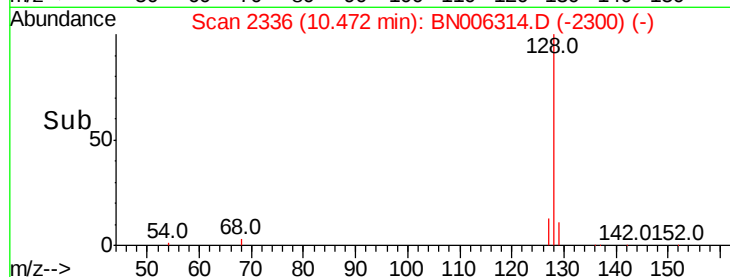
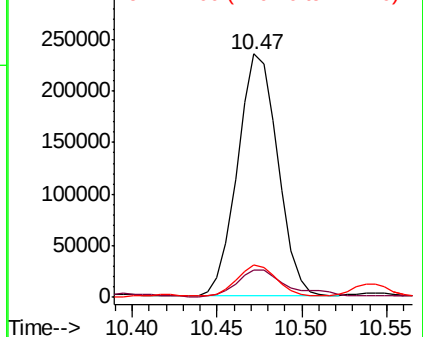
128 100

129 11.4 9.3 13.9

127 13.2 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: 3.683 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BN006314.D

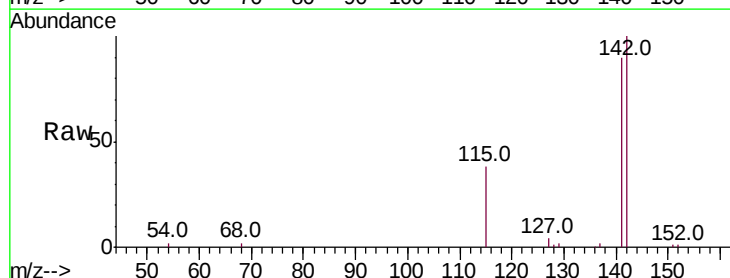
Acq: 13 Jun 2019 17:03

Tgt Ion:142 Resp: 136602

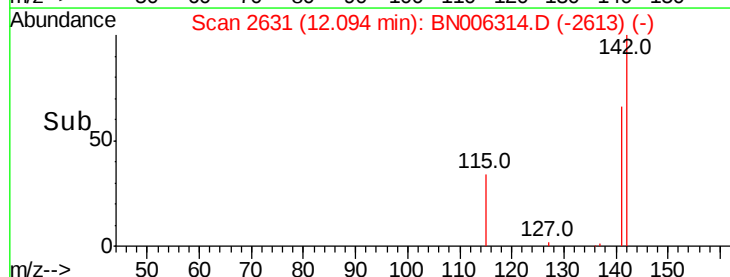
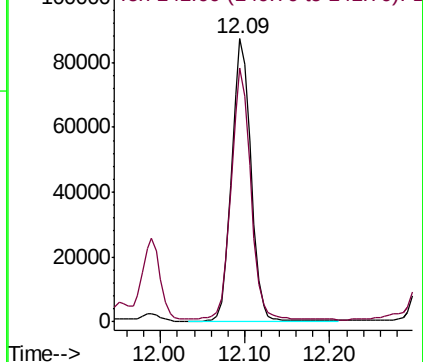
Ion Ratio Lower Upper

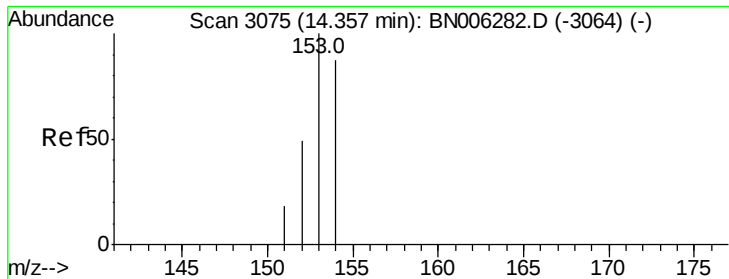
142 100

141 90.0 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: 0.069 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

Instrument :

BNA_N

ClientSampleId :

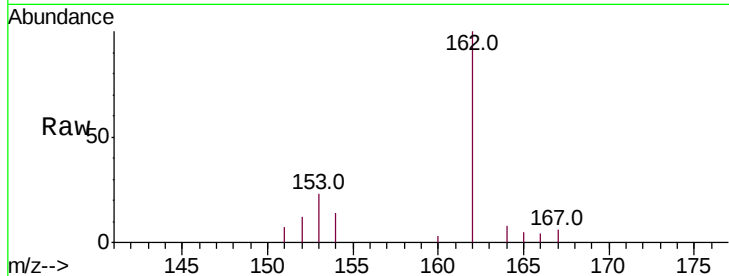
Tot Ion:153 Resp: 5372

Ion Ratio Lower Upper

153 100

152 50.2 39.1 58.7

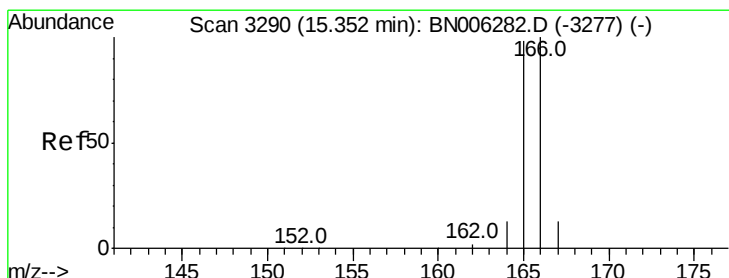
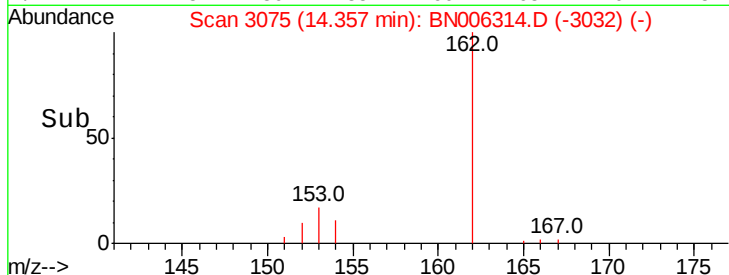
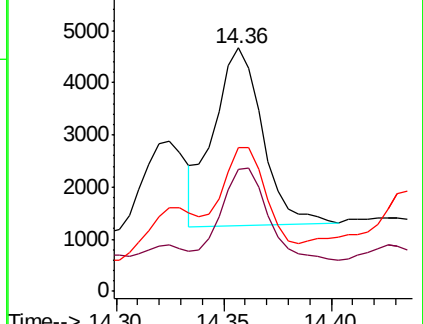
154 58.9 71.1 106.7#



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: 0.106 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

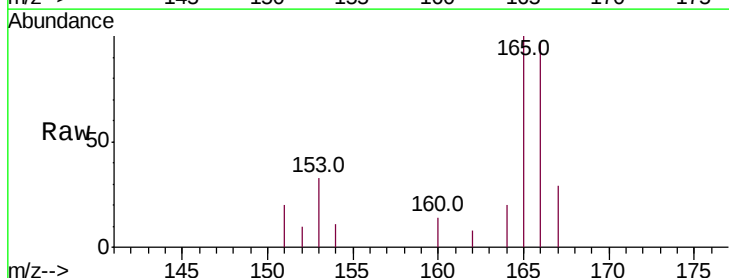
Tgt Ion:166 Resp: 9680

Ion Ratio Lower Upper

166 100

165 103.5 76.4 114.6

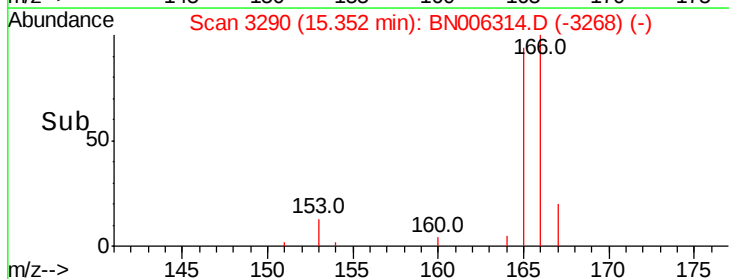
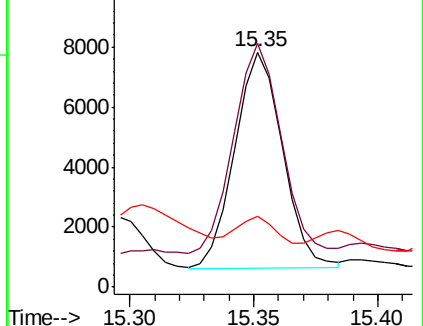
167 29.9 11.0 16.6#

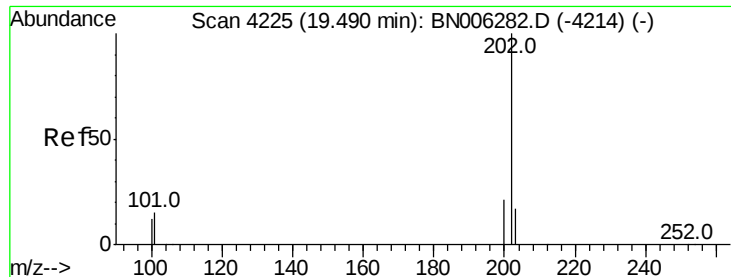


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 1.696 ng/ul

RT: 19.57 min Scan# 4243

Delta R.T. 0.09 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

Instrument :

BNA_N

ClientSampleId :

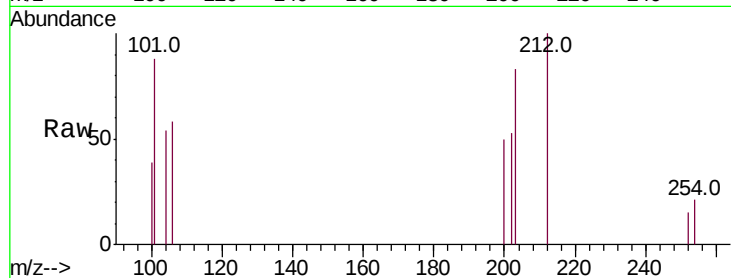
Tot Ion:202 Resp: 268

Ion Ratio Lower Upper

202 100

101 165.8 12.2 18.2#

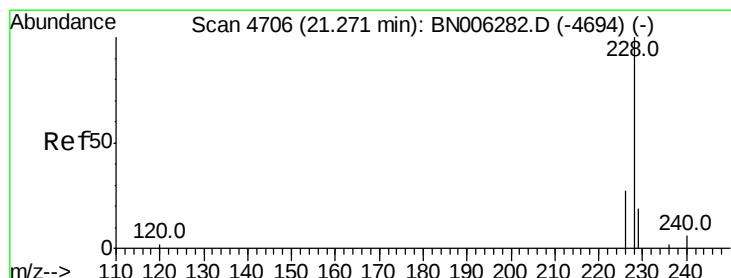
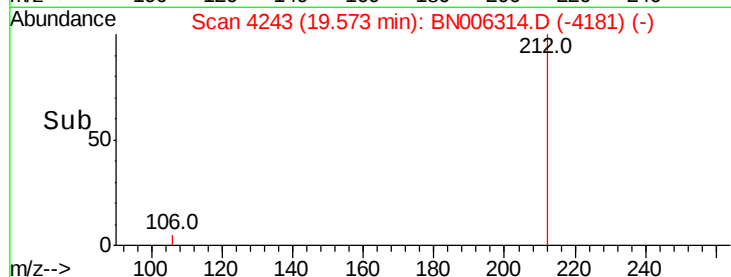
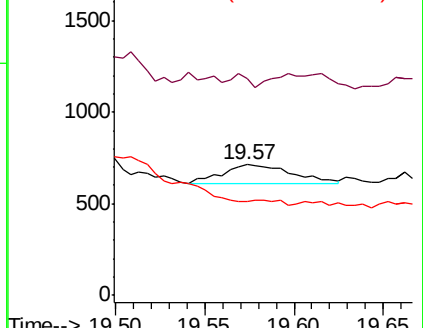
100 72.2 9.8 14.6#



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



#18

Benzo(a)anthracene

Concen: 0.392 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. 0.13 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

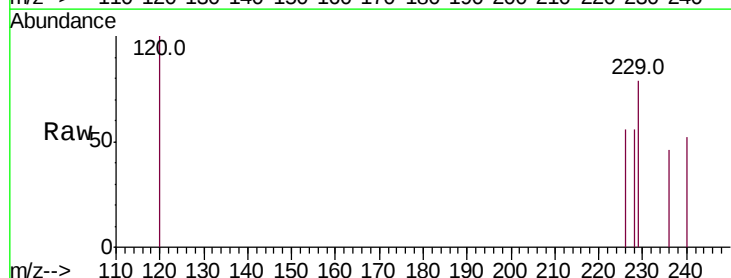
Tgt Ion:228 Resp: 52

Ion Ratio Lower Upper

228 100

229 141.7 16.5 24.7#

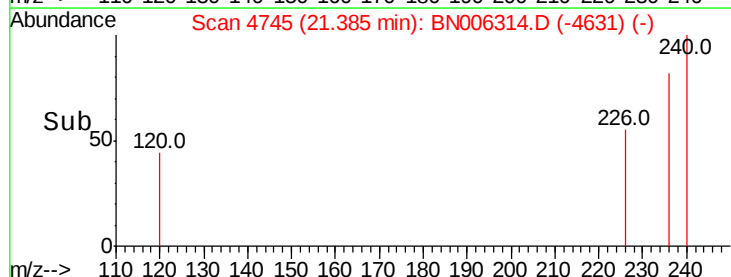
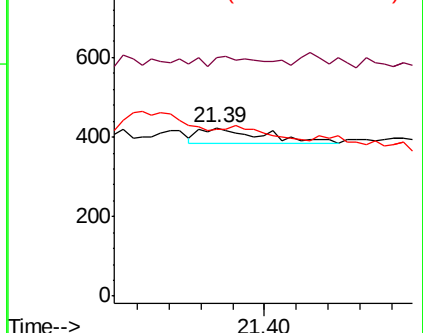
226 99.3 22.8 34.2#

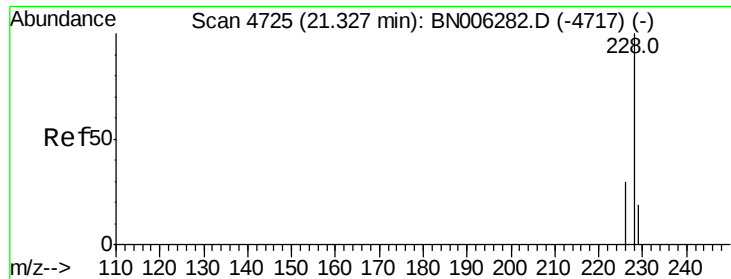


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.088 ng/ul

RT: 21.46 min Scan# 4769

Delta R.T. 0.15 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

Instrument :

BNA_N

ClientSampleId :

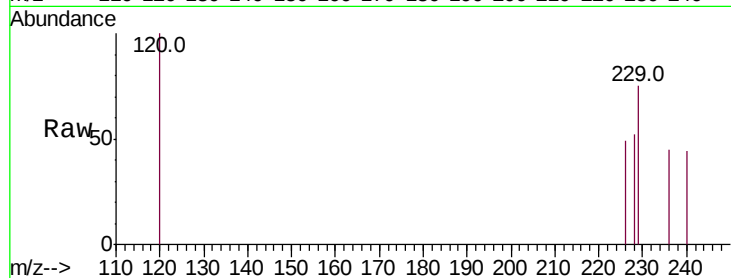
Tot Ion:228 Resp: 11

Ion Ratio Lower Upper

228 100

226 95.3 25.0 37.6#

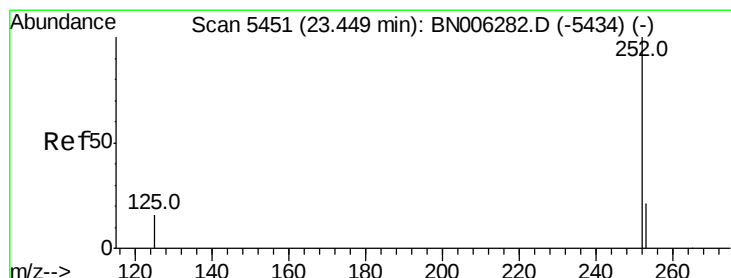
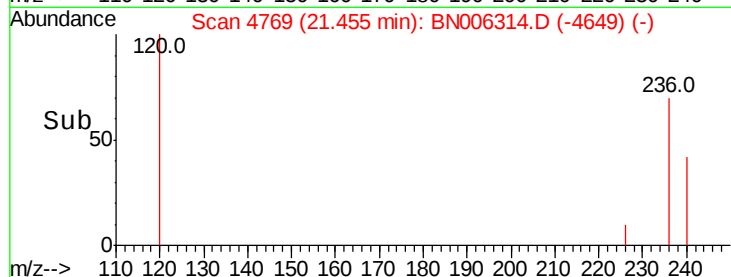
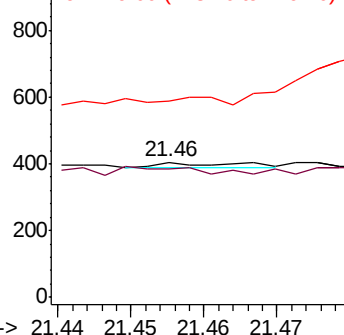
229 145.0 16.3 24.5#



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: 0.052 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. -0.04 min

Lab File: BN006314.D

Acq: 13 Jun 2019 17:03

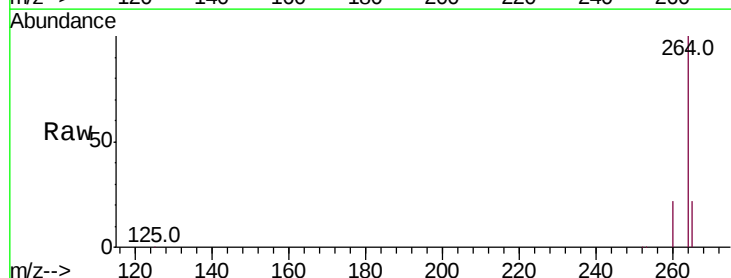
Tgt Ion:252 Resp: 4324

Ion Ratio Lower Upper

252 100

253 46.1 21.1 31.7#

125 64.2 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

