

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006268.D
 Acq On : 12 Jun 2019 04:26
 Operator : JU/SJ
 Sample : K3215-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 06:52:17 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

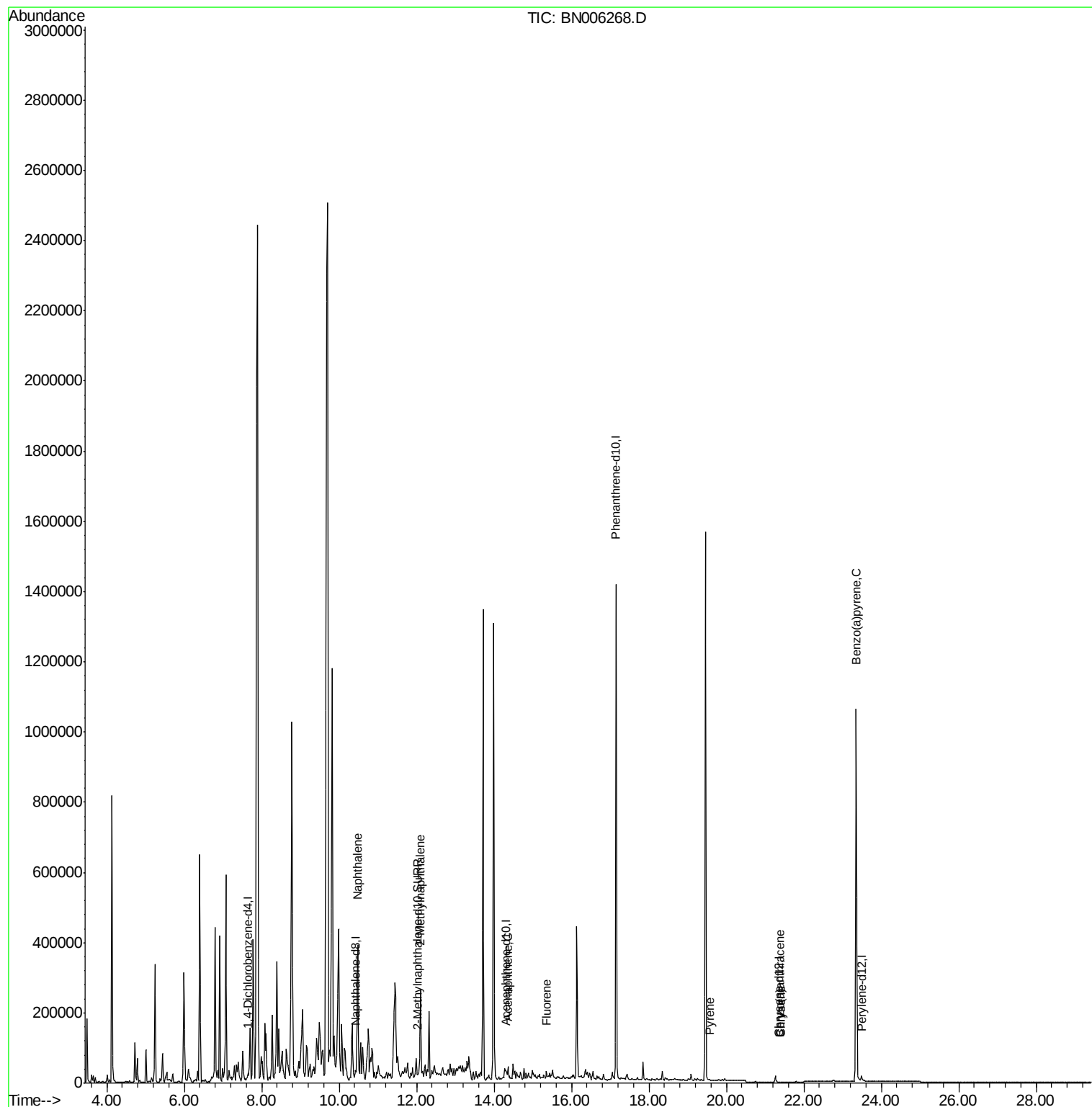
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5500	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	25450	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	28777	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1562392	0.40	ng/ul	0.10
16) Chrysene-d12	21.36	240	302	0.40	ng/ul	0.10
20) Perylene-d12	23.49	264	25718	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9782	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	204	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	486234	6.924	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	174068	3.557	ng/ul	98
8) Acenaphthene	14.36	153	6122	0.055	ng/ul#	79
9) Fluorene	15.35	166	12524	0.096	ng/ul#	87
17) Pyrene	19.58	202	249	0.157	ng/ul#	1
18) Benzo(a)anthracene	21.38	228	47	0.035	ng/ul#	1
19) Chrysene	21.41	228	62	0.049	ng/ul#	1
23) Benzo(a)pyrene	23.35	252	5179	0.052	ng/ul#	43

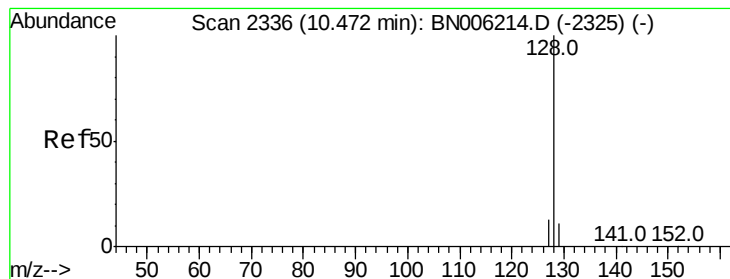
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 6.924 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

Instrument :

BNA_N

ClientSampleId :

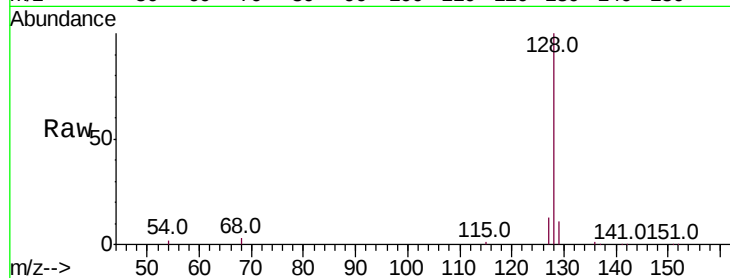
Tot Ion:128 Resp: 486234

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

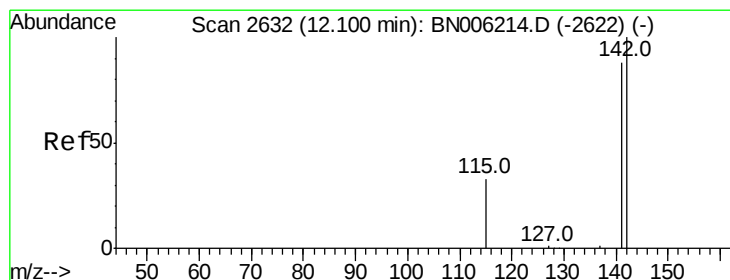
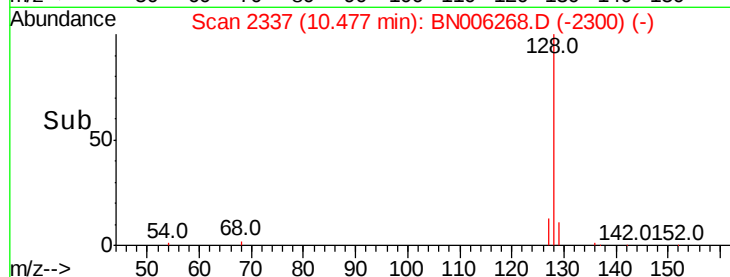
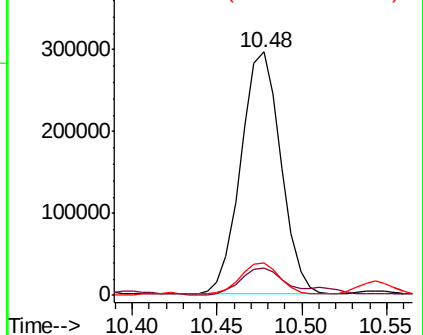
127 13.1 10.7 16.1



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: 3.557 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006268.D

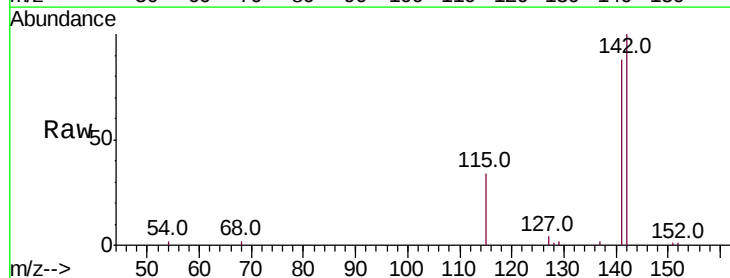
Acq: 12 Jun 2019 04:26

Tgt Ion:142 Resp: 174068

Ion Ratio Lower Upper

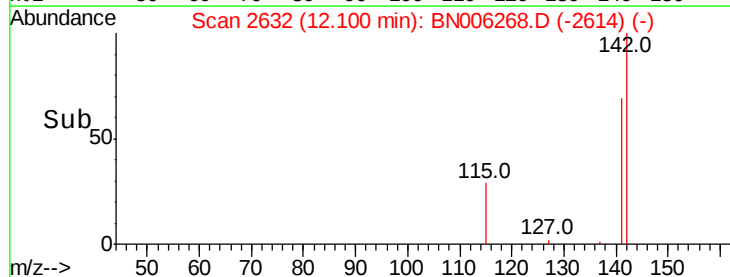
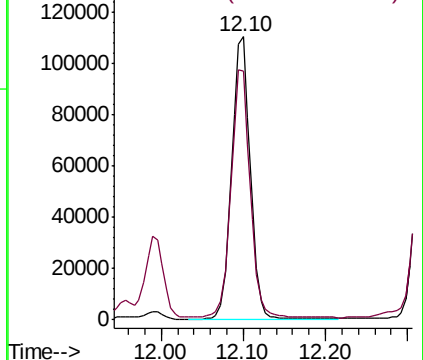
142 100

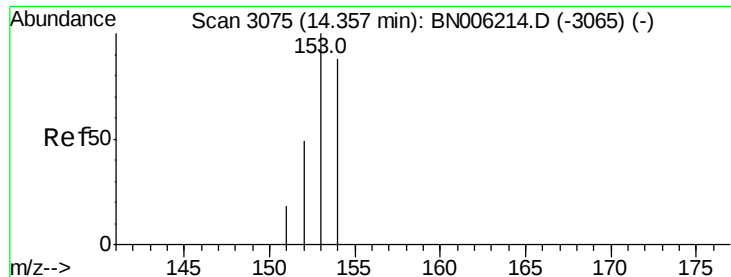
141 90.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.055 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

Instrument :

BNA_N

ClientSampleId :

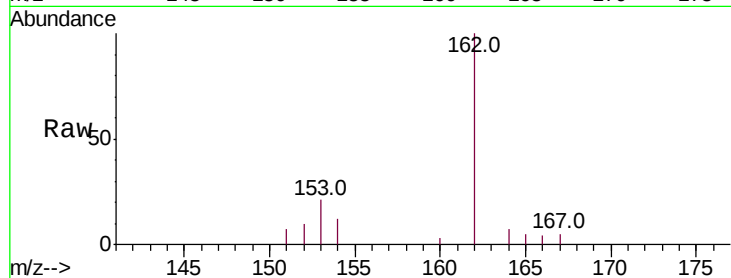
Tot Ion:153 Resp: 6122

Ion Ratio Lower Upper

153 100

152 49.1 39.1 58.7

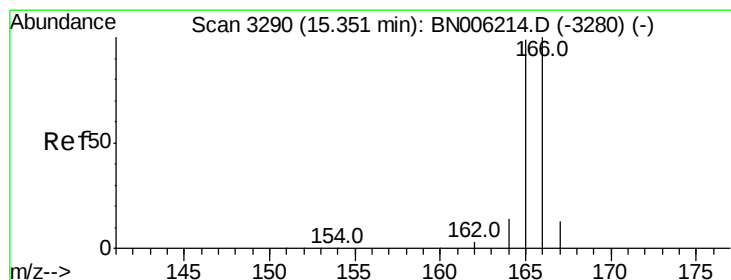
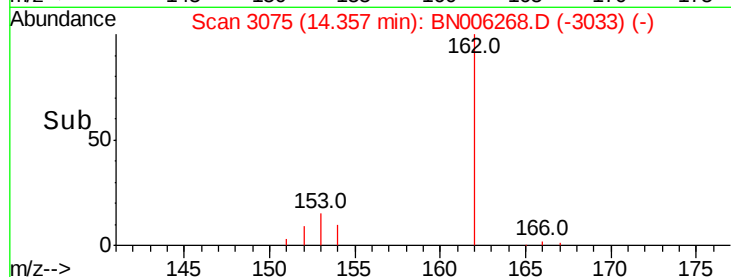
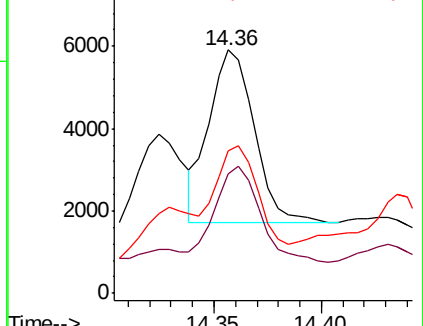
154 58.3 71.1 106.7#



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: 0.096 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

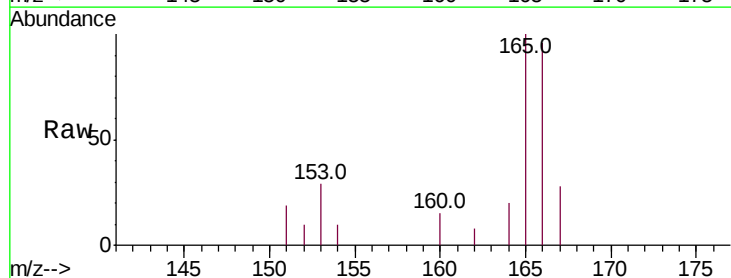
Tgt Ion:166 Resp: 12524

Ion Ratio Lower Upper

166 100

165 104.1 76.4 114.6

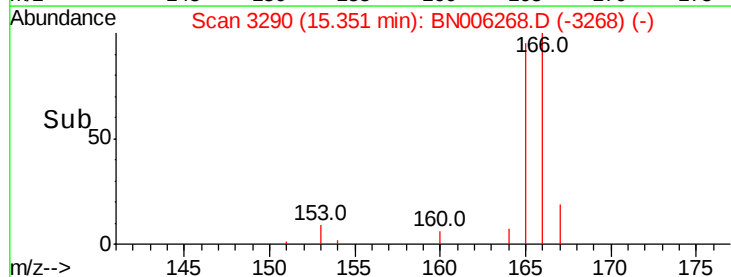
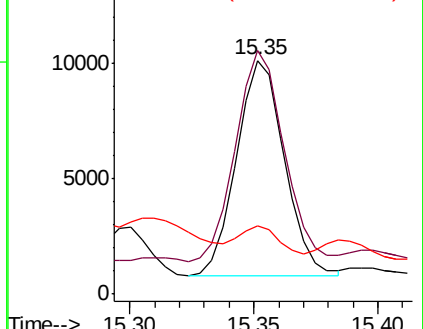
167 29.2 11.0 16.6#

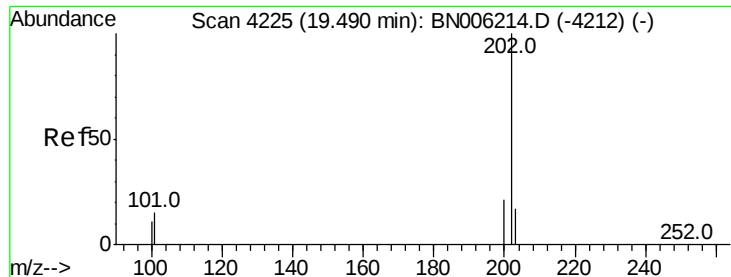


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 0.157 ng/ul

RT: 19.58 min Scan# 4244

Delta R.T. 0.09 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

Instrument :

BNA_N

ClientSampleId :

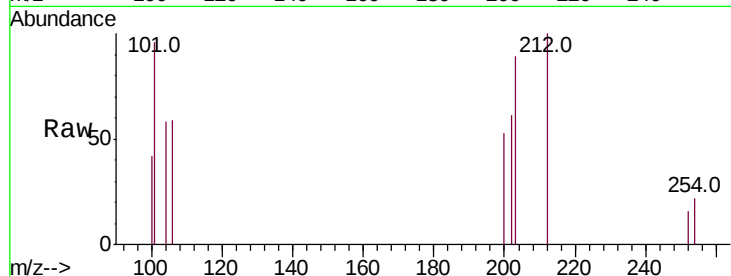
Tot Ion:202 Resp: 249

Ion Ratio Lower Upper

202 100

101 158.0 12.2 18.2#

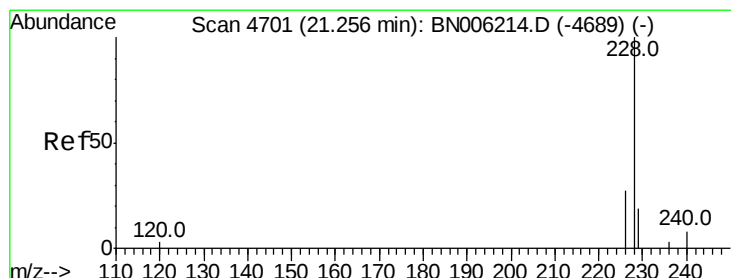
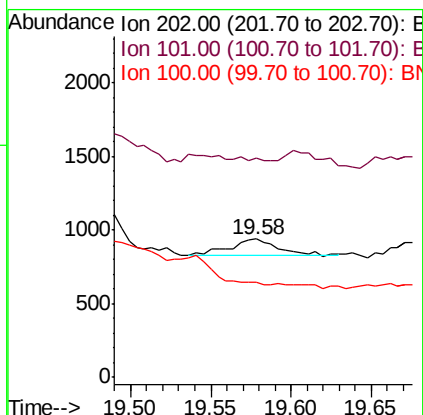
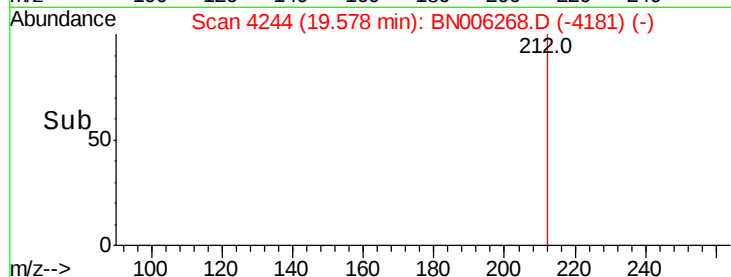
100 68.6 9.8 14.6#



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: 0.035 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.13 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

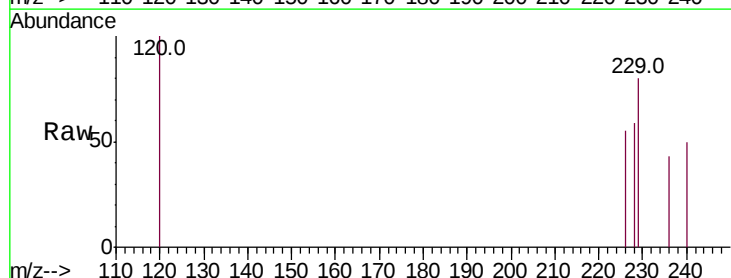
Tgt Ion:228 Resp: 47

Ion Ratio Lower Upper

228 100

229 136.9 16.5 24.7#

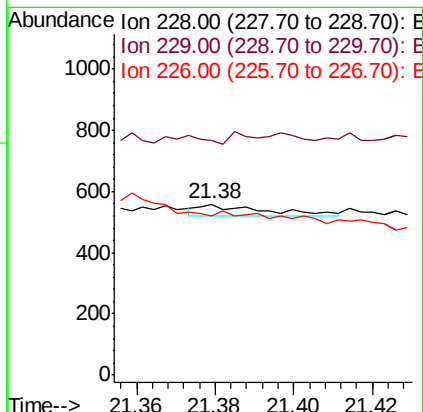
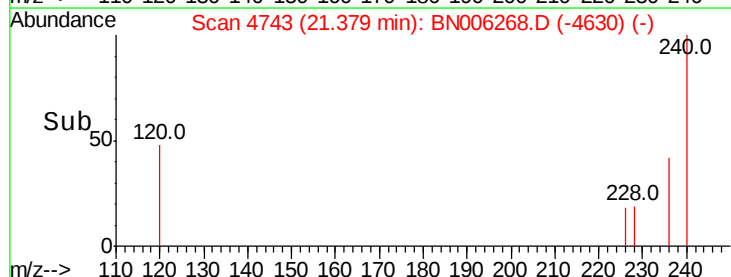
226 93.4 22.8 34.2#

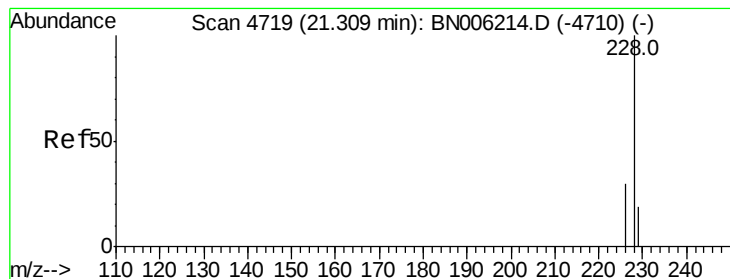


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.049 ng/ul

RT: 21.41 min Scan# 4755

Delta R.T. 0.11 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

Instrument :

BNA_N

ClientSampleId :

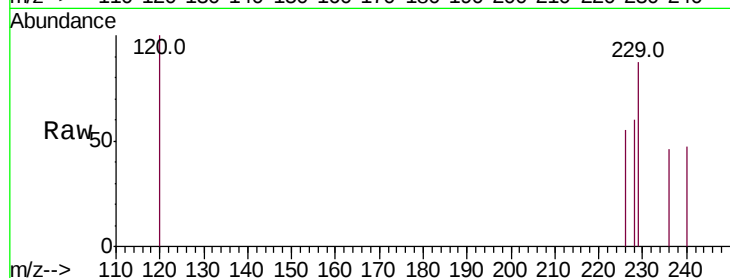
Tot Ion:228 Resp: 62

Ion Ratio Lower Upper

228 100

226 92.1 25.0 37.6#

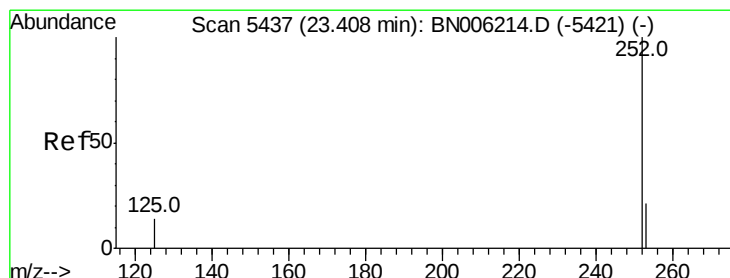
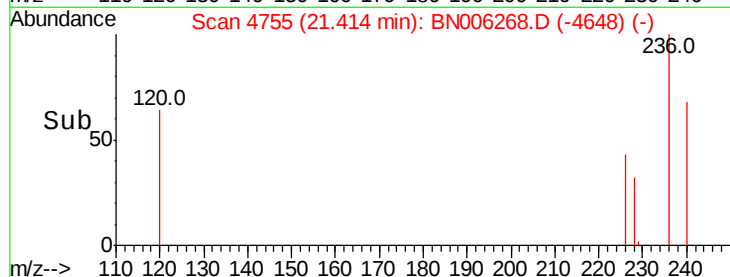
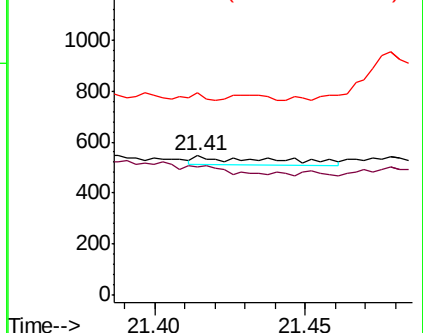
229 145.4 16.3 24.5#



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: 0.052 ng/ul

RT: 23.35 min Scan# 5417

Delta R.T. -0.05 min

Lab File: BN006268.D

Acq: 12 Jun 2019 04:26

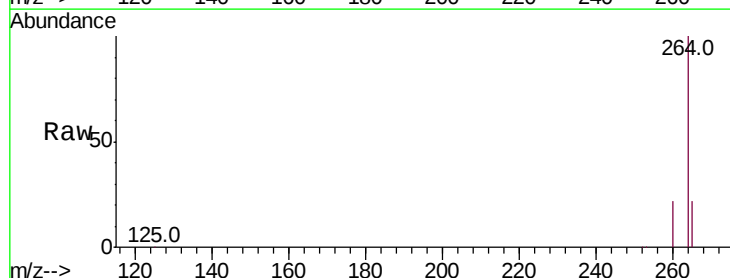
Tgt Ion:252 Resp: 5179

Ion Ratio Lower Upper

252 100

253 44.8 21.1 31.7#

125 65.7 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

