

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007446.D
 Acq On : 27 Aug 2019 23:42
 Operator : HP/JU
 Sample : K4337-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 28 00:29:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

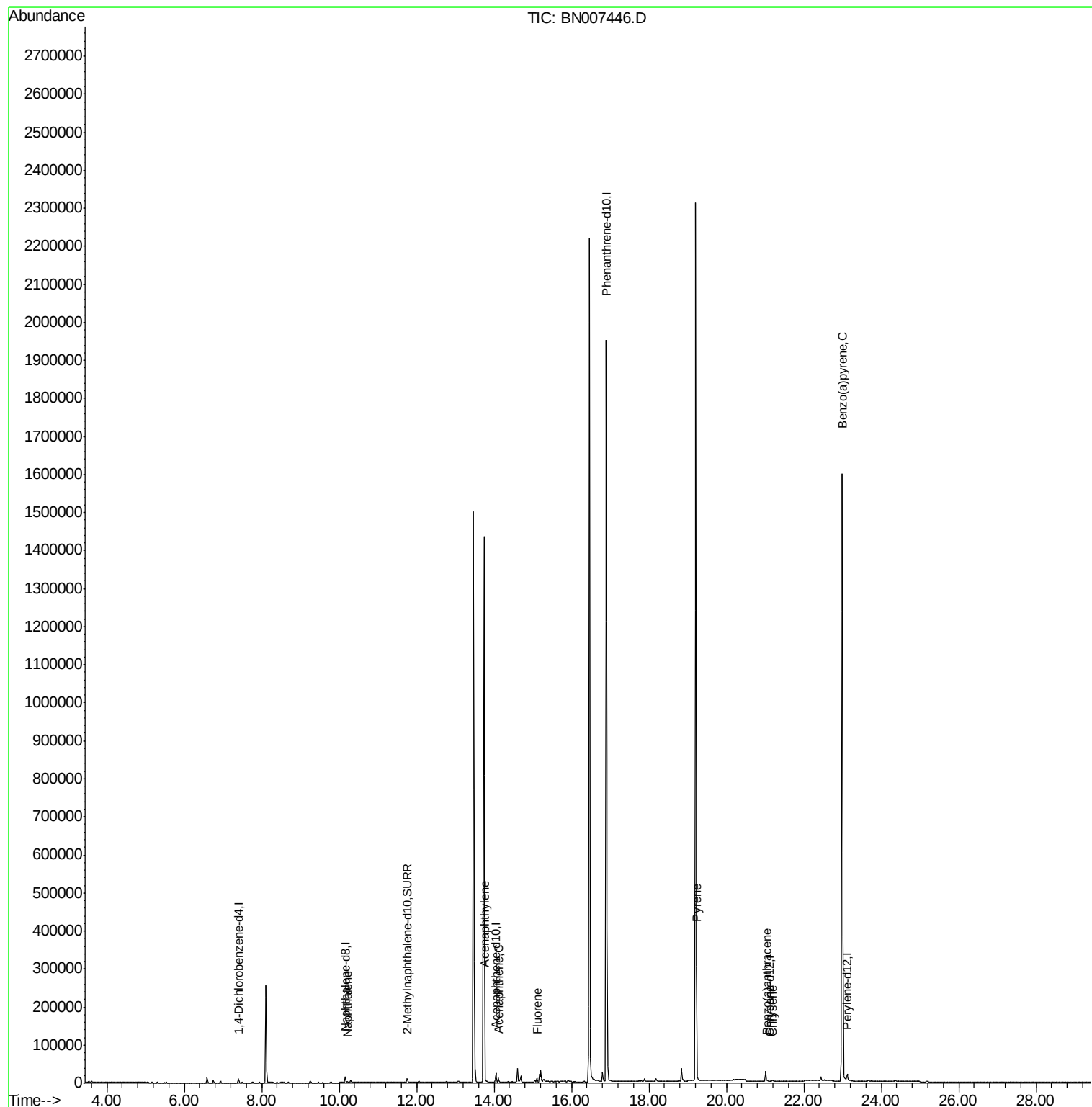
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5292	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22626	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12751	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.90	188	2196746	0.40	ng/ul	0.09
16) Chrysene-d12	21.13	240	80	0.40	ng/ul	0.10
20) Perylene-d12	23.12	264	26569	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	14781	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	2477	0.00	ng/ul	0.05
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	2925	0.046	ng/ul#	84
7) Acenaphthylene	13.76	152	3336	0.047	ng/ul#	82
8) Acenaphthene	14.11	153	6421	0.126	ng/ul	98
9) Fluorene	15.11	166	6237	0.113	ng/ul#	88
17) Pyrene	19.24	202	19766	50.506	ng/ul#	91
18) Benzo(a)anthracene	21.05	228	2074	5.798	ng/ul#	31
19) Chrysene	21.19	228	1131	2.945	ng/ul#	17
23) Benzo(a)pyrene	22.99	252	10237	0.089	ng/ul#	55

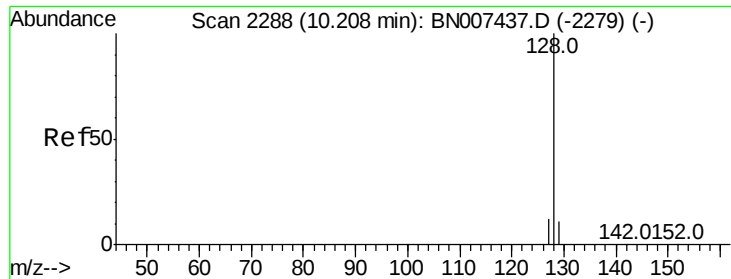
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

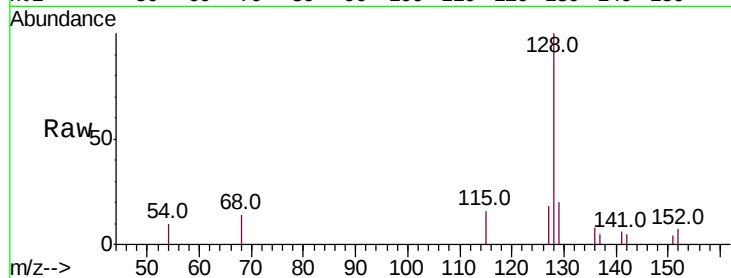
Tot Ion:128 Resp: 2925

Ion Ratio Lower Upper

128 100

129 19.8 9.2 13.8#

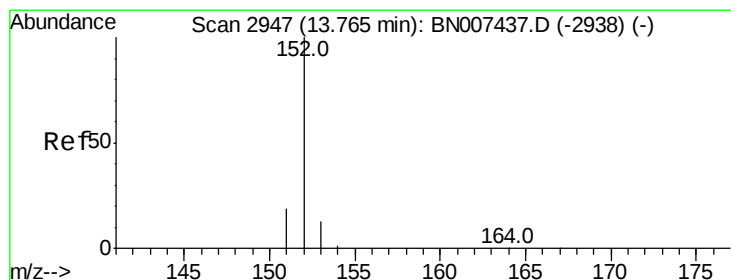
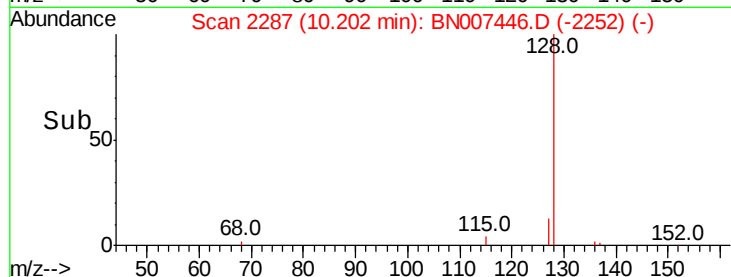
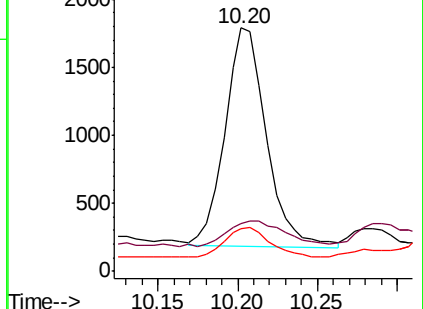
127 17.8 10.4 15.6#



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



#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.76 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

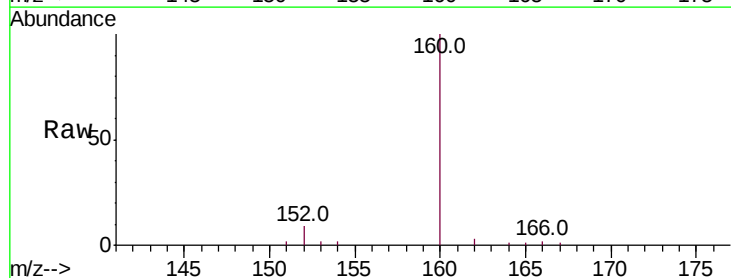
Tgt Ion:152 Resp: 3336

Ion Ratio Lower Upper

152 100

151 27.3 15.8 23.6#

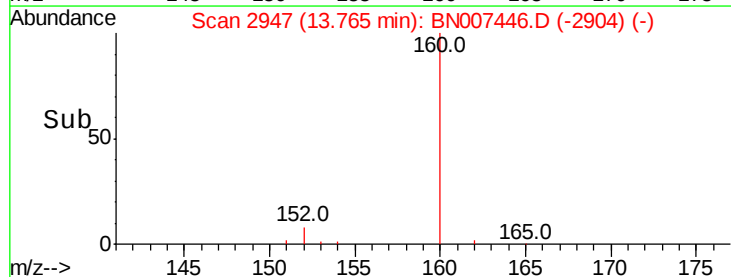
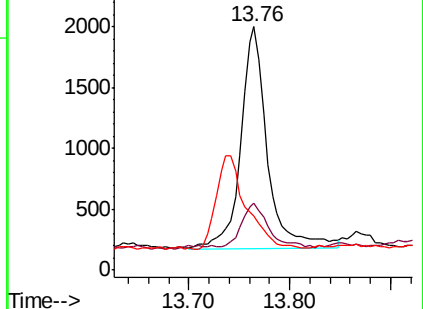
153 22.0 10.8 16.2#

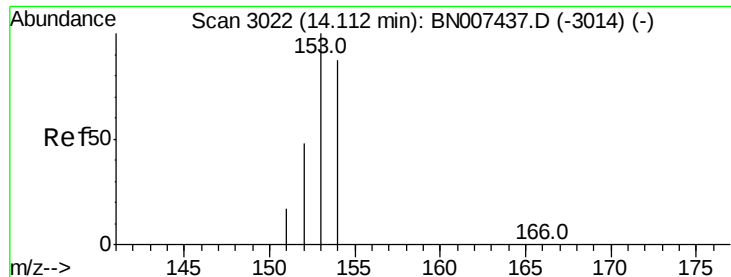


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.126 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

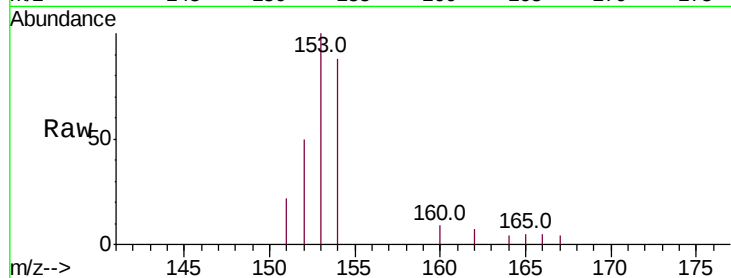
Tot Ion:153 Resp: 6421

Ion Ratio Lower Upper

153 100

152 49.6 39.1 58.7

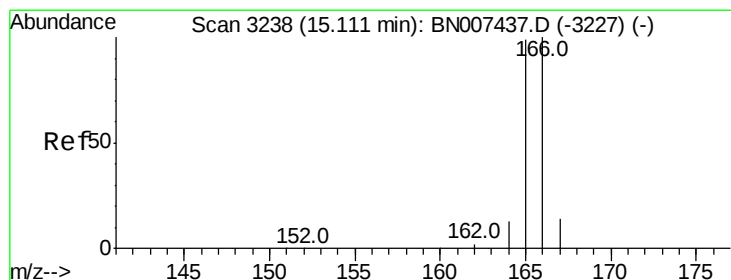
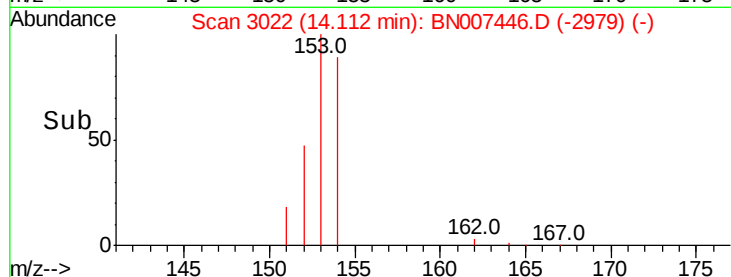
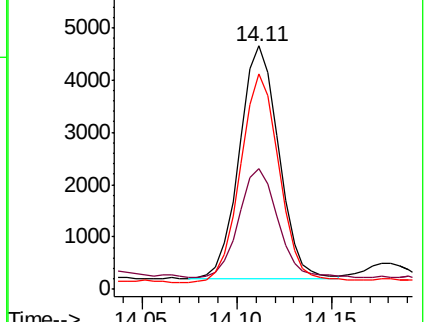
154 88.5 69.4 104.2



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: 0.113 ng/ul

RT: 15.11 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

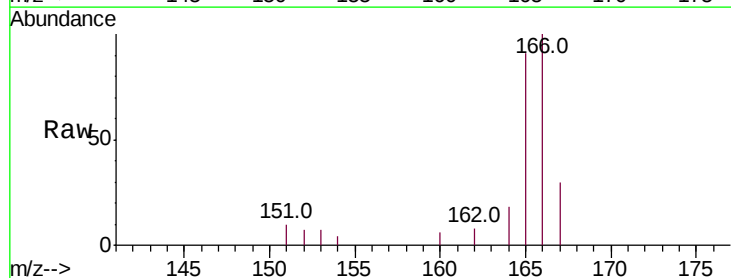
Tgt Ion:166 Resp: 6237

Ion Ratio Lower Upper

166 100

165 91.3 79.6 119.4

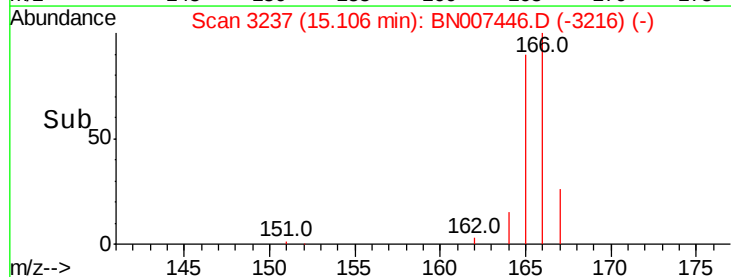
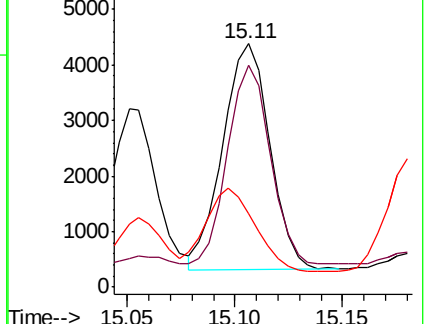
167 30.1 11.7 17.5#

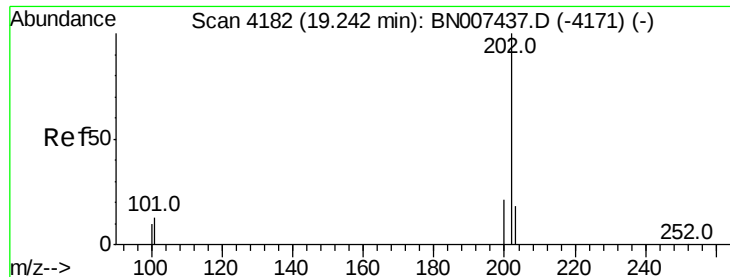


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 50.506 ng/ul

RT: 19.24 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

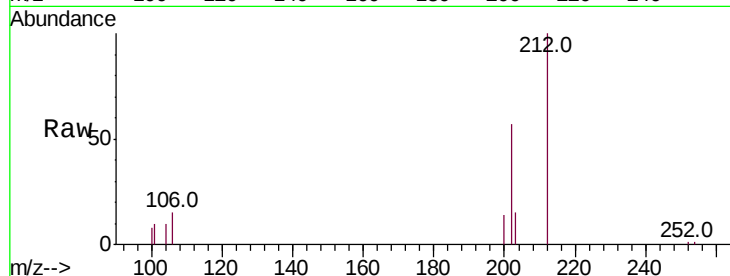
Tot Ion:202 Resp: 19766

Ion Ratio Lower Upper

202 100

101 17.0 10.7 16.1#

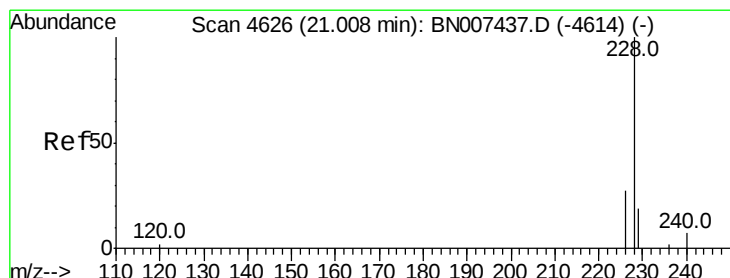
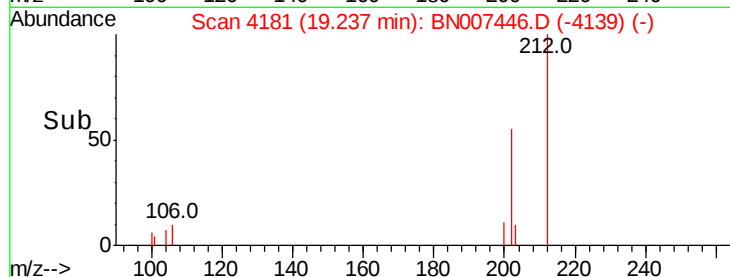
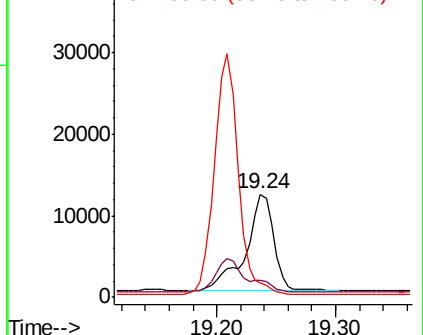
100 14.0 8.6 12.8#



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: 5.798 ng/ul

RT: 21.05 min Scan# 4642

Delta R.T. 0.05 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

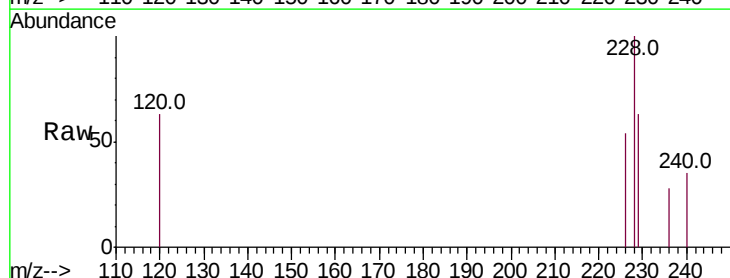
Tgt Ion:228 Resp: 2074

Ion Ratio Lower Upper

228 100

229 62.9 15.4 23.2#

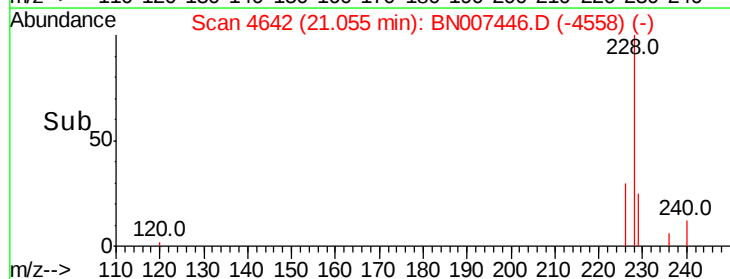
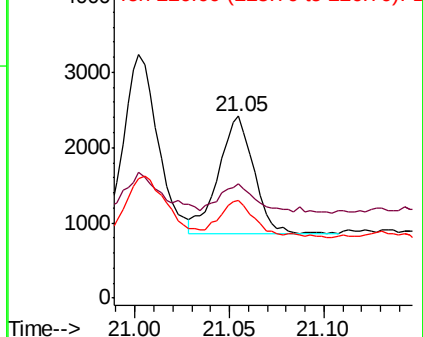
226 53.5 22.0 33.0#

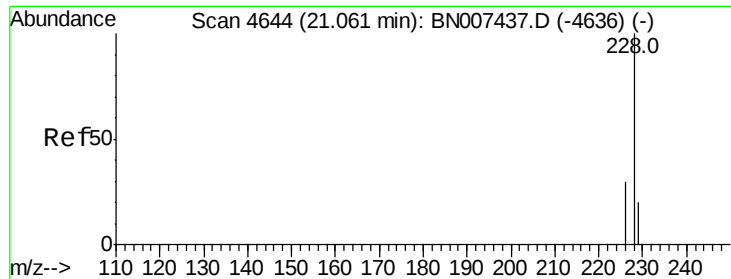


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.945 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. 0.13 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

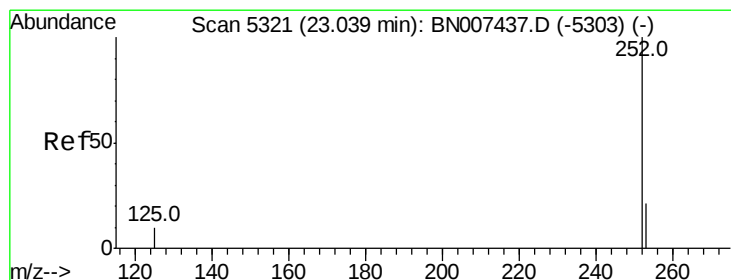
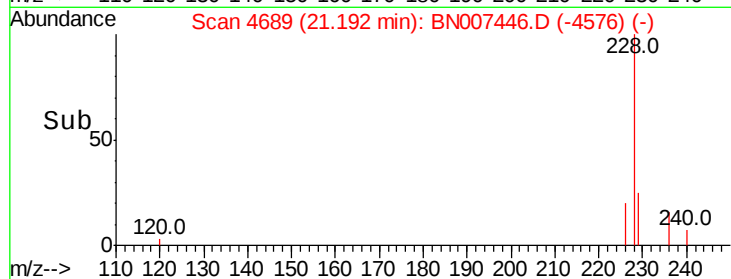
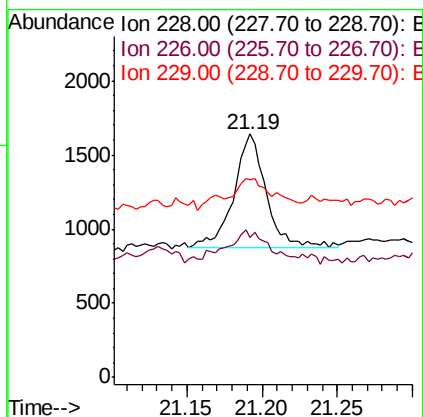
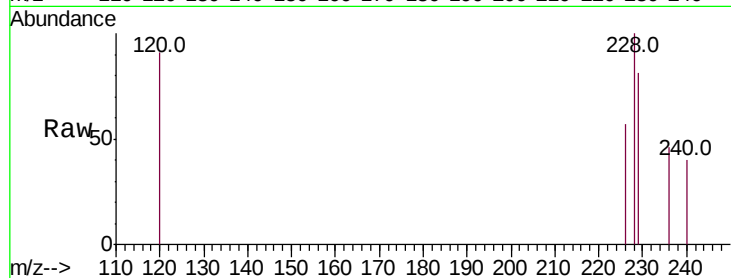
Tot Ion:228 Resp: 1131

Ion Ratio Lower Upper

228 100

226 57.4 24.1 36.1#

229 81.4 16.1 24.1#



#23

Benzo(a)pyrene

Concen: 0.089 ng/ul

RT: 22.99 min Scan# 5305

Delta R.T. -0.05 min

Lab File: BN007446.D

Acq: 27 Aug 2019 23:42

Tgt Ion:252 Resp: 10237

Ion Ratio Lower Upper

252 100

253 40.0 19.0 28.6#

125 40.4 11.2 16.8#

