

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007451.D
 Acq On : 28 Aug 2019 02:42
 Operator : HP/JU
 Sample : K4337-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 28 03:40:51 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 : Wed Aug 28 02:09:57 2019
 Response via : Initial Calibration

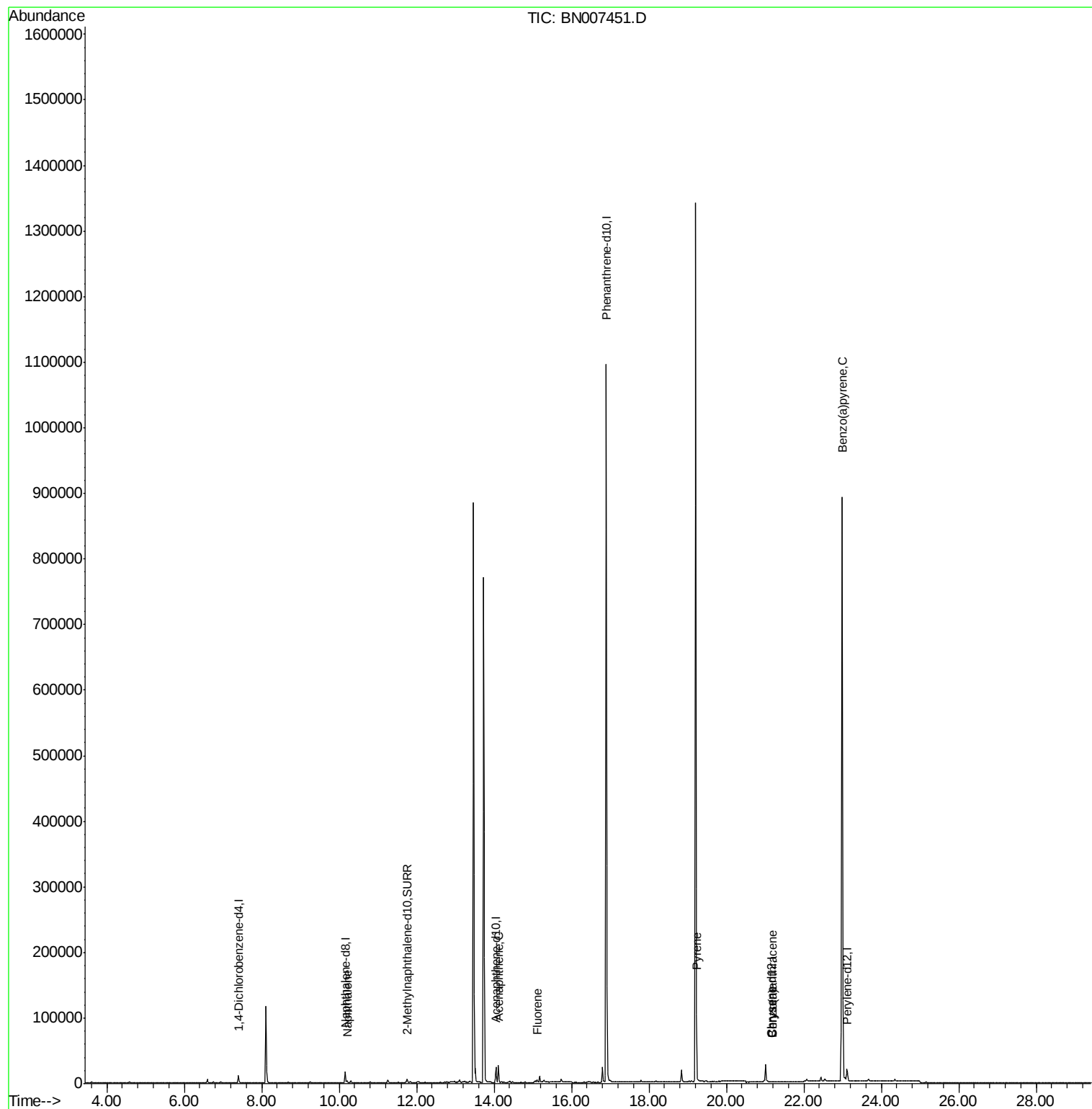
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5369	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12882	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.90	188	1251748	0.40	ng/ul	0.09
16) Chrysene-d12	21.16	240	34	0.40	ng/ul	0.14
20) Perylene-d12	23.12	264	25606	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	8009	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	232	0.00	ng/ul	0.05
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	3424	0.054	ng/ul#	87
8) Acenaphthene	14.11	153	15006	0.291	ng/ul	98
9) Fluorene	15.11	166	2381	0.043	ng/ul#	96
17) Pyrene	19.24	202	3852	23.159	ng/ul#	76
18) Benzo(a)anthracene	21.19	228	281	1.848	ng/ul#	1
19) Chrysene	21.19	228	281	1.722	ng/ul#	1
23) Benzo(a)pyrene	22.99	252	4645	0.042	ng/ul#	49

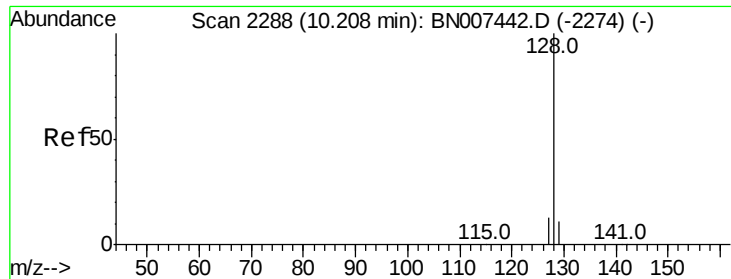
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007451.D

Acq: 28 Aug 2019 02:42

Instrument :

BNA_N

ClientSampleId :

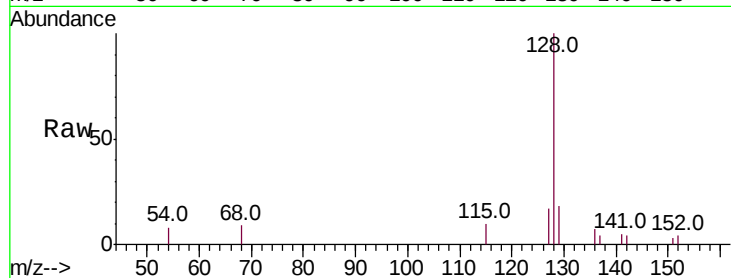
Tot Ion:128 Resp: 3424

Ion Ratio Lower Upper

128 100

129 17.8 9.2 13.8#

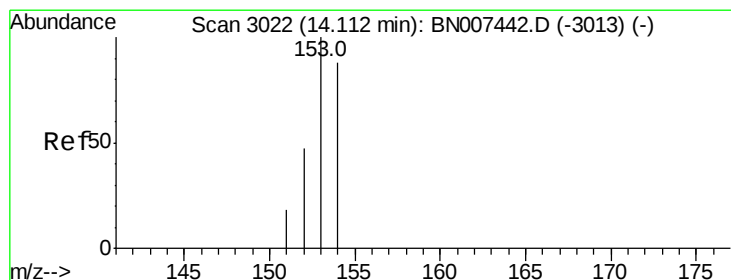
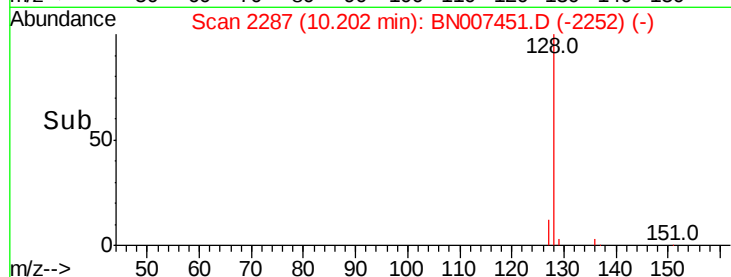
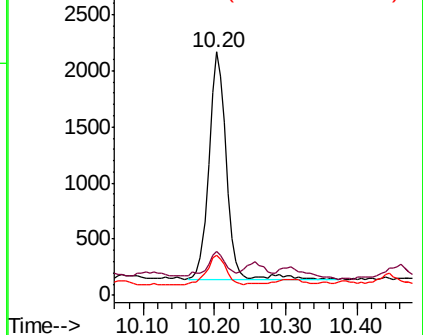
127 16.6 10.4 15.6#



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



#8

Acenaphthene

Concen: 0.291 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BN007451.D

Acq: 28 Aug 2019 02:42

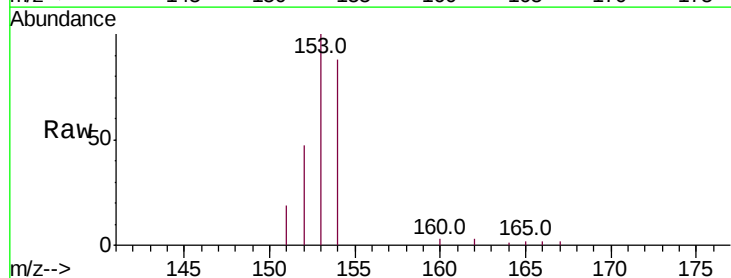
Tgt Ion:153 Resp: 15006

Ion Ratio Lower Upper

153 100

152 47.5 39.1 58.7

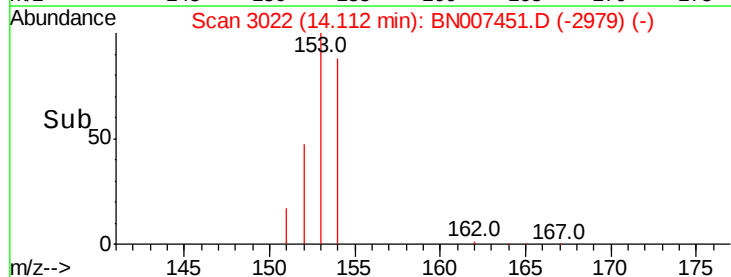
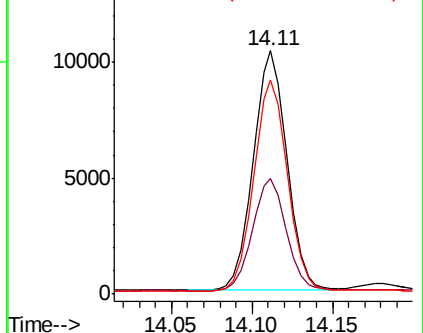
154 87.9 69.4 104.2

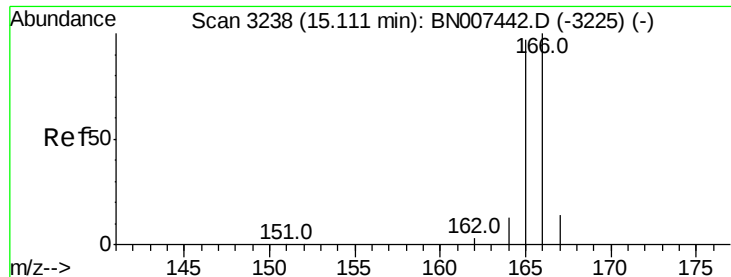


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

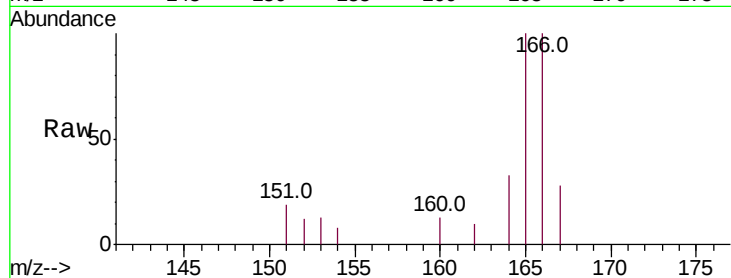




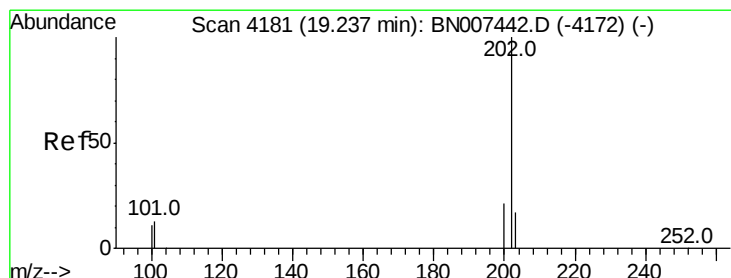
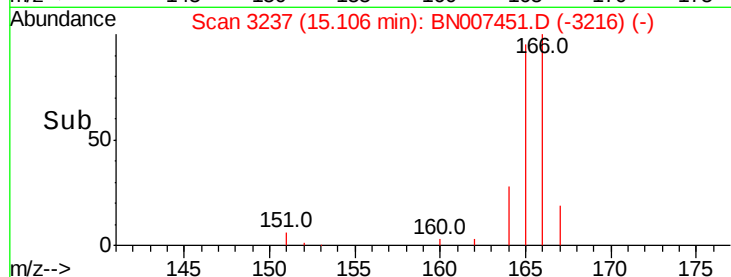
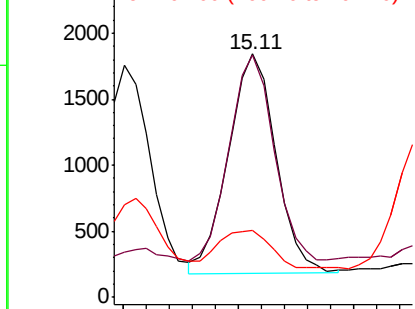
#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007451.D
Acq: 28 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:166 Resp: 2381
Ion Ratio Lower Upper
166 100
165 99.7 79.6 119.4
167 27.6 11.7 17.5#

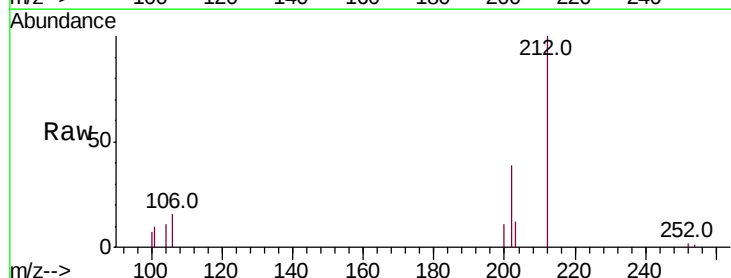


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

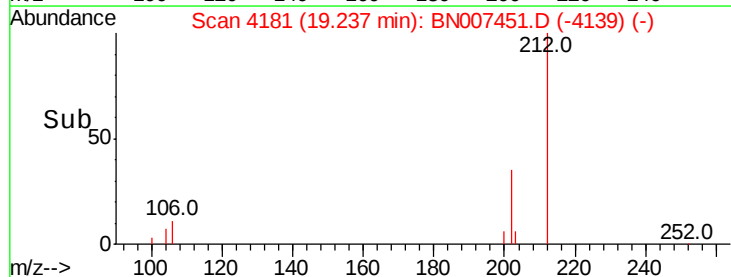
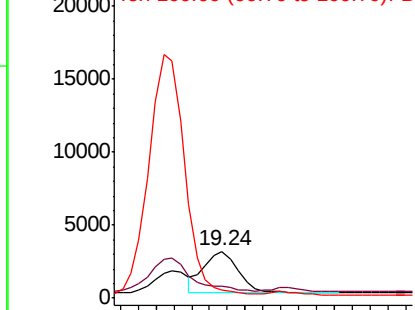


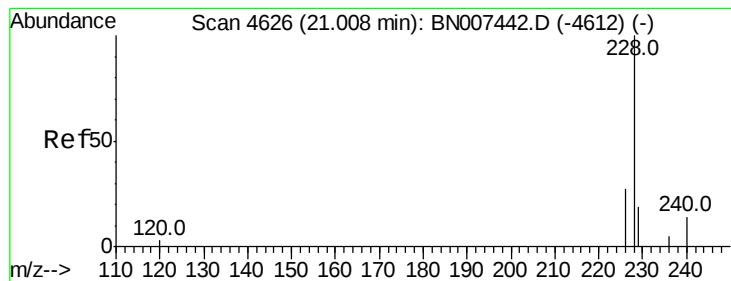
#17
Pyrene
Concen: 23.159 ng/ul
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007451.D
Acq: 28 Aug 2019 02:42

Tgt Ion:202 Resp: 3852
Ion Ratio Lower Upper
202 100
101 24.7 10.7 16.1#
100 18.1 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: 1.848 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. 0.18 min

Lab File: BN007451.D

Acq: 28 Aug 2019 02:42

Instrument :

BNA_N

ClientSampleId :

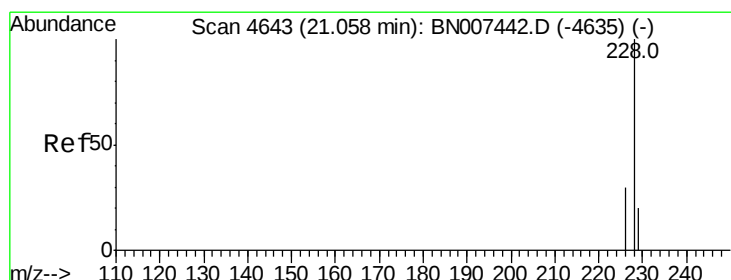
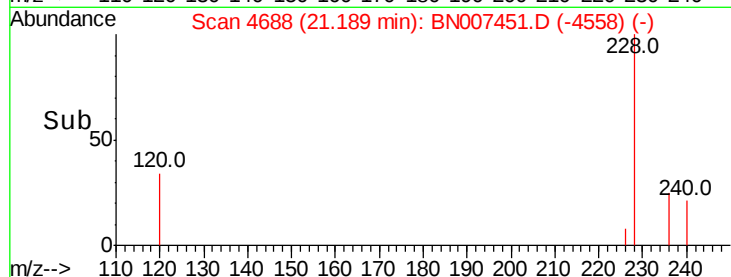
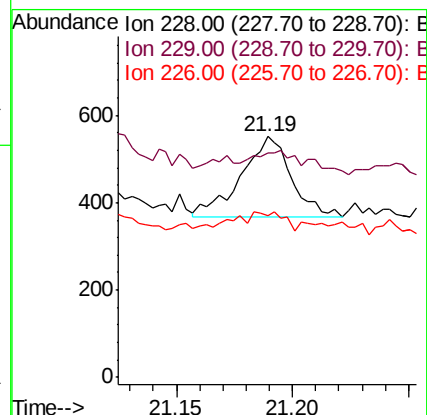
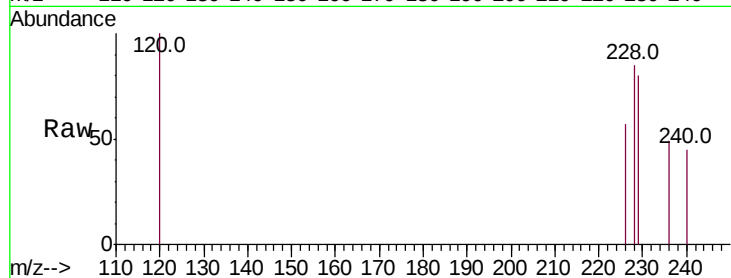
Tot Ion:228 Resp: 281

Ion Ratio Lower Upper

228 100

229 93.3 15.4 23.2#

226 67.2 22.0 33.0#



#19

Chrysene

Concen: 1.722 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. 0.13 min

Lab File: BN007451.D

Acq: 28 Aug 2019 02:42

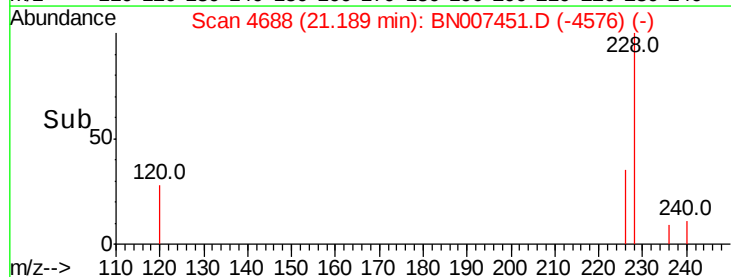
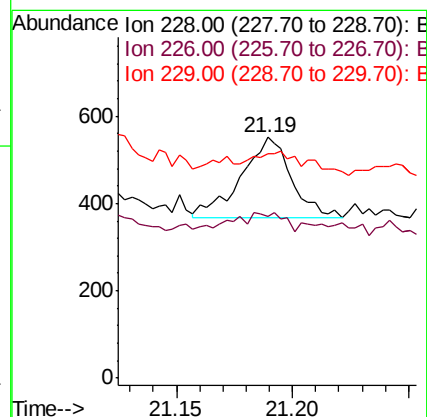
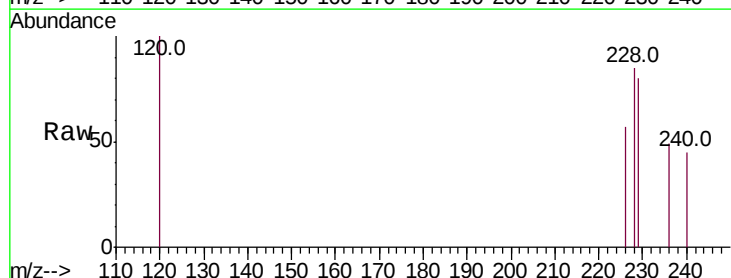
Tgt Ion:228 Resp: 281

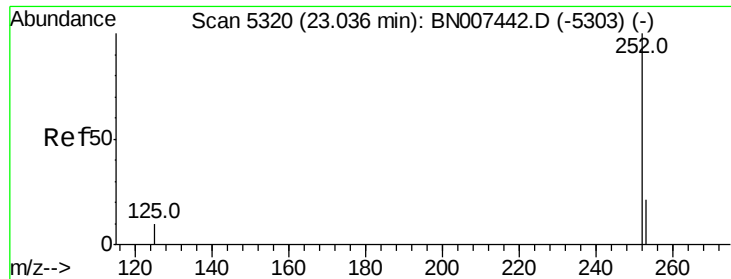
Ion Ratio Lower Upper

228 100

226 67.2 24.1 36.1#

229 93.3 16.1 24.1#





#23

Benzo(a)pyrene

Concen: 0.042 ng/ul

RT: 22.99 min Scan# 5304

Delta R.T. -0.05 min

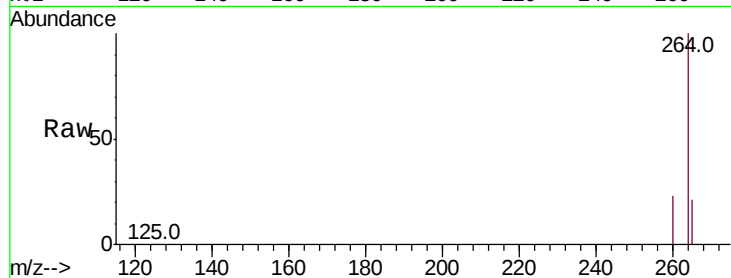
Lab File: BN007451.D

Acq: 28 Aug 2019 02:42

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 252 Resp: 4645

Ion Ratio Lower Upper

252 100

253 41.9 19.0 28.6#

125 44.8 11.2 16.8#

