

Data File : BN003963.D
Acq On : 15 Dec 2018 17:28
Operator : JU/SJ
Sample : J6227-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68DL

Quant Time: Dec 15 22:02:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

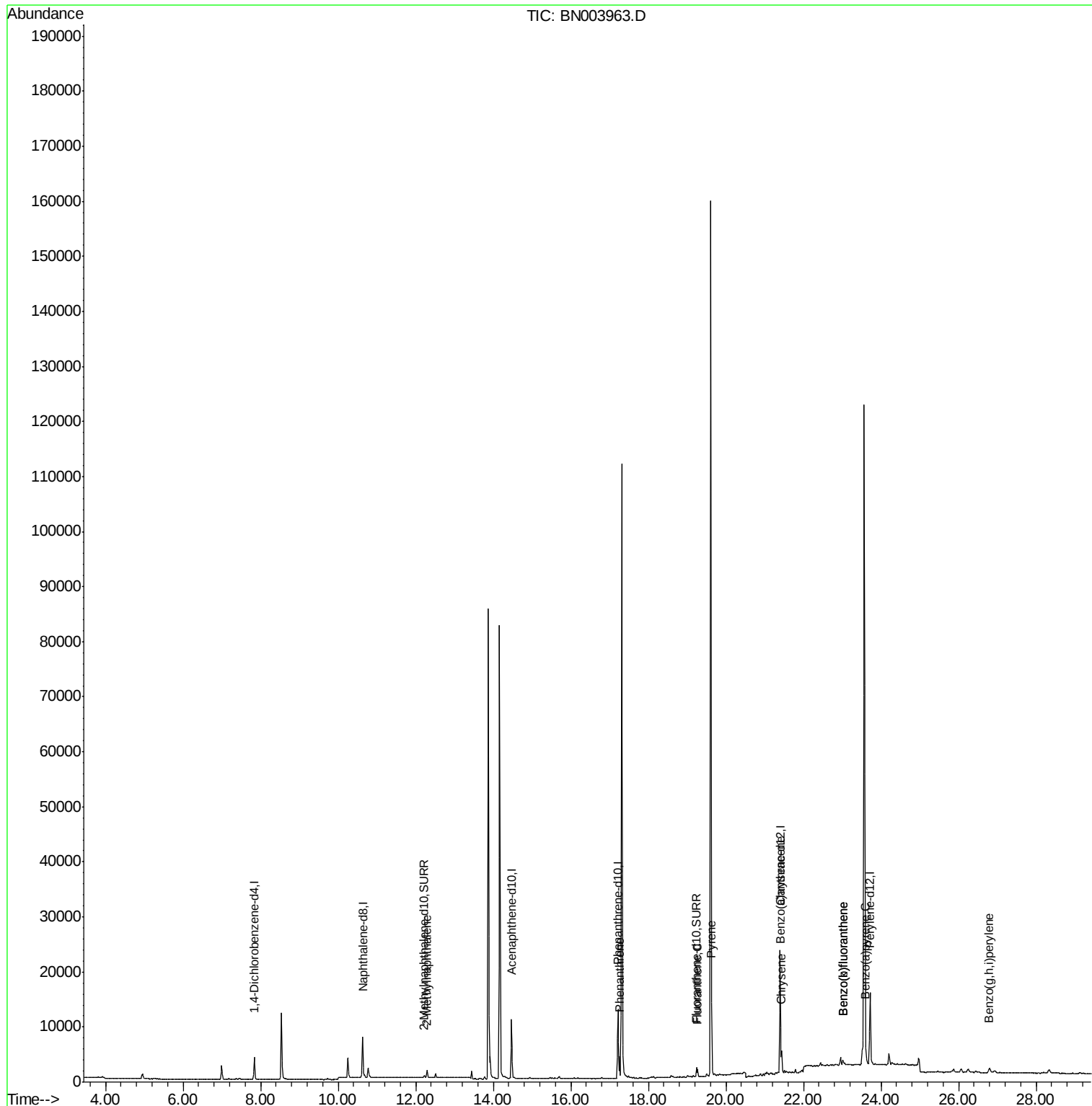
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2093	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6133	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15019	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	19418	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	17802	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	689	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1907	0.04	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.29	142	1170	0.057	ng/ul	100
12) Phenanthrene	17.25	178	4303	0.087	ng/ul	95
15) Fluoranthene	19.27	202	1198	0.021	ng/ul	80
17) Pyrene	19.64	202	5777	0.083	ng/ul	96
18) Benzo(a)anthracene	21.38	228	2213	0.036	ng/ul#	66
19) Chrysene	21.44	228	4157	0.059	ng/ul#	77
21) Benzo(b)fluoranthene	23.02	252	1877	0.025	ng/ul#	1
22) Benzo(k)fluoranthene	23.02	252	1827	0.025	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	1342	0.021	ng/ul#	9
26) Benzo(g,h,i)perylene	26.80	276	1930	0.030	ng/ul#	53

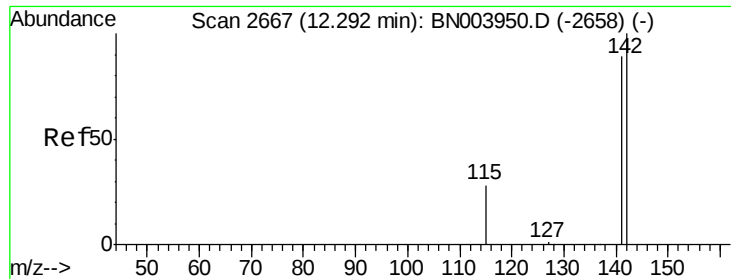
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

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Acq: 15 Dec 2018 17:28

Instrument :

BNA_N

ClientSampleId :

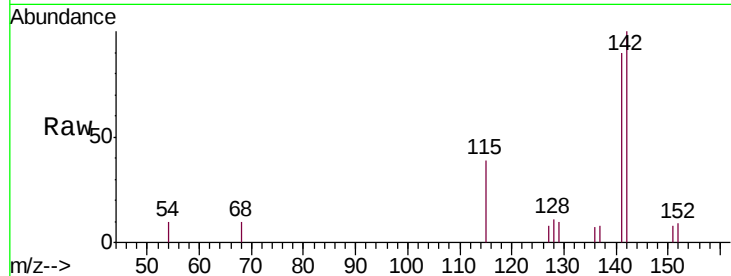
F9E68DL

Tgt Ion:142 Resp: 1170

Ion Ratio Lower Upper

142 100

141 89.3 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

600

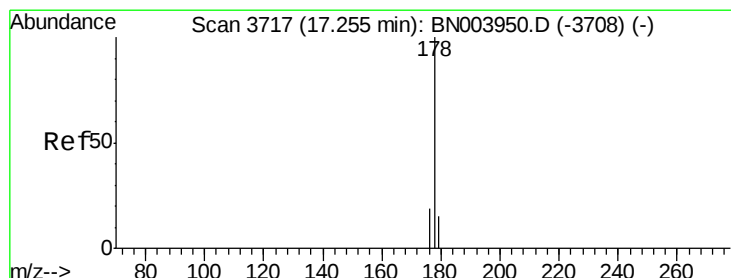
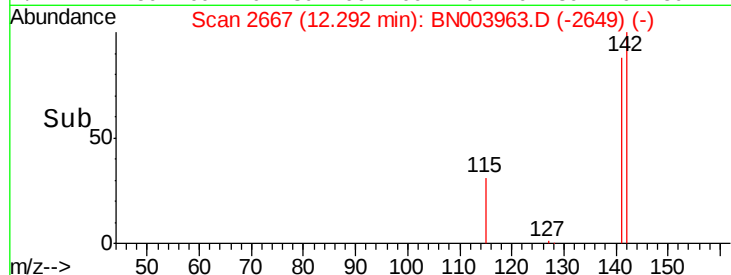
400

200

0

12.20 12.30 12.40 12.50

Time-->



#12

Phenanthrene

Concen: 0.087 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

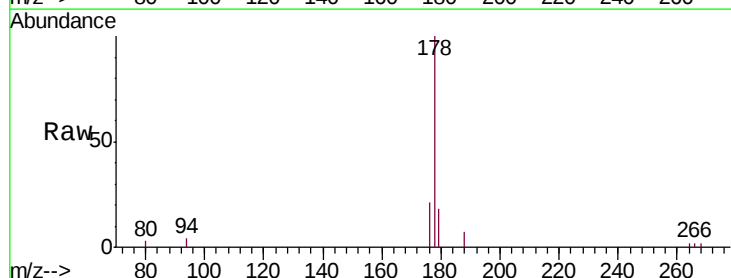
Tgt Ion:178 Resp: 4303

Ion Ratio Lower Upper

178 100

179 18.0 12.5 18.7

176 20.8 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.25

4000

3000

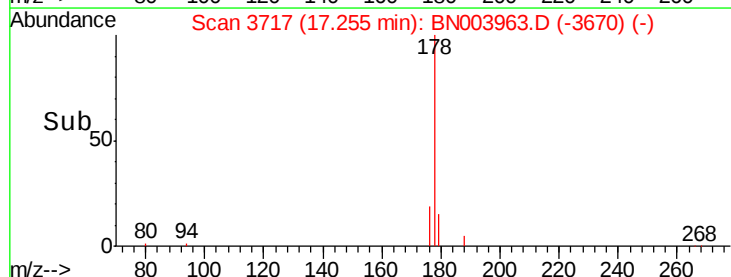
2000

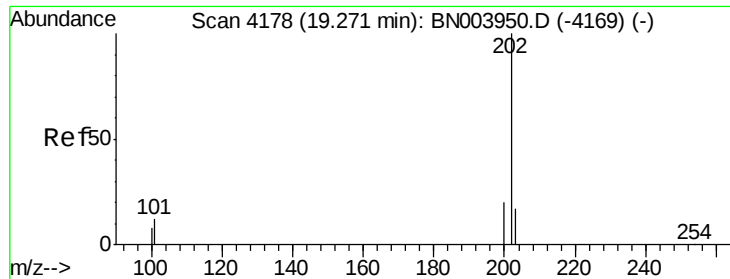
1000

0

17.20 17.30

Time-->





#15

Fluoranthene

Concen: 0.021 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_N

ClientSampleId :

F9E68DL

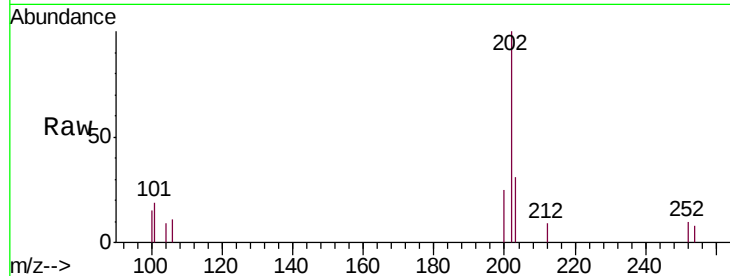
Tgt Ion:202 Resp: 1198

Ion Ratio Lower Upper

202 100

101 18.9 0.0 30.7

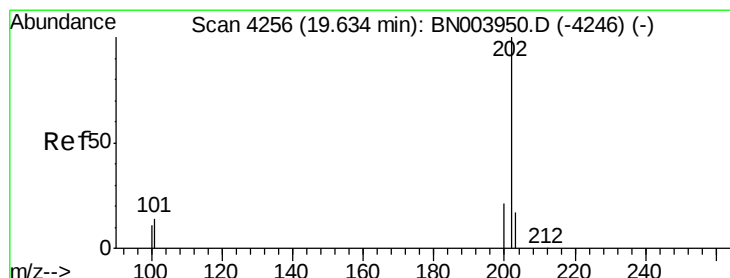
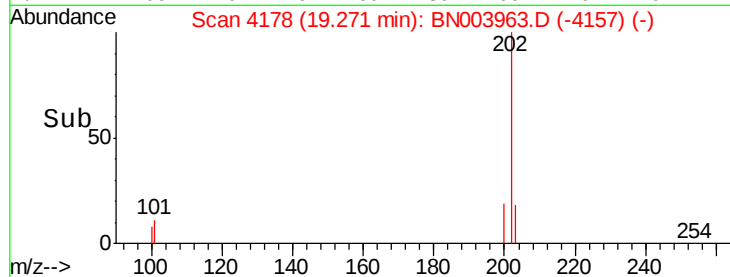
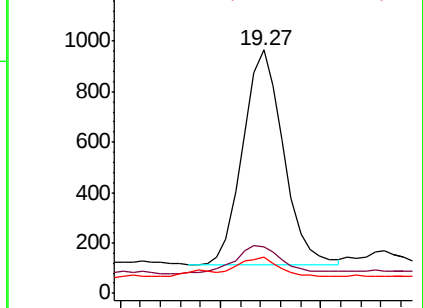
100 14.7 0.0 28.1



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



#17

Pyrene

Concen: 0.083 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

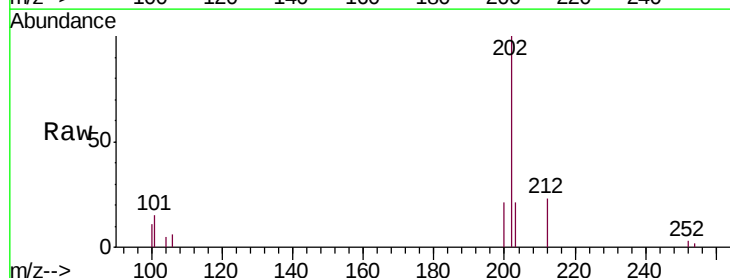
Tgt Ion:202 Resp: 5777

Ion Ratio Lower Upper

202 100

101 14.8 10.3 15.5

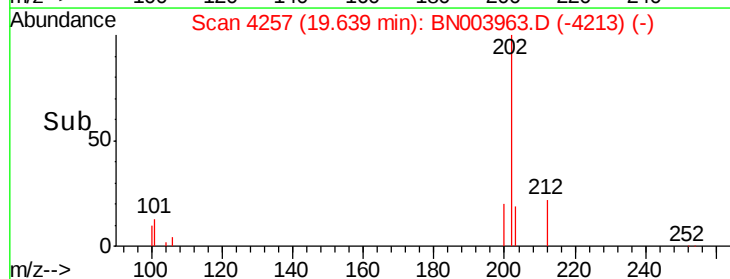
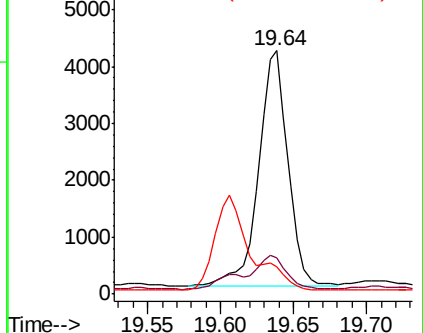
100 11.5 8.5 12.7

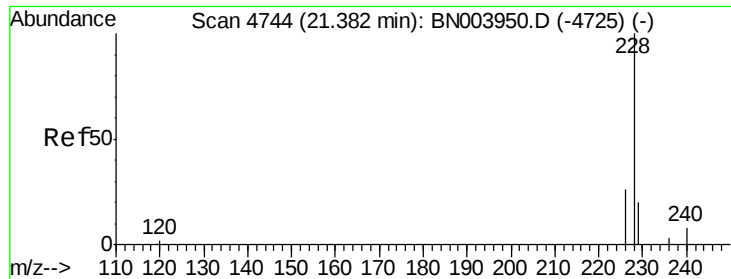


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.036 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_N

ClientSampleId :

F9E68DL

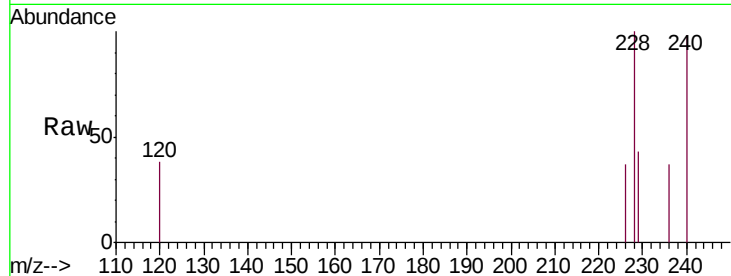
Tgt Ion:228 Resp: 2213

Ion Ratio Lower Upper

228 100

229 43.2 15.6 23.4#

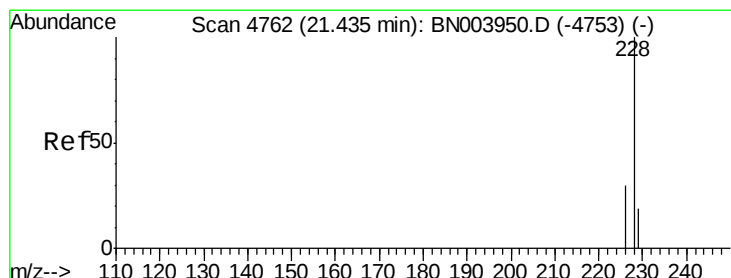
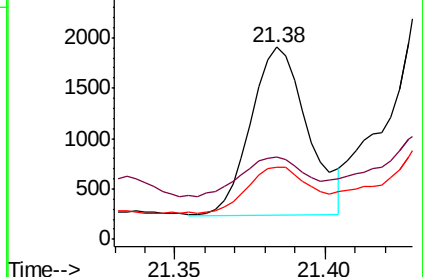
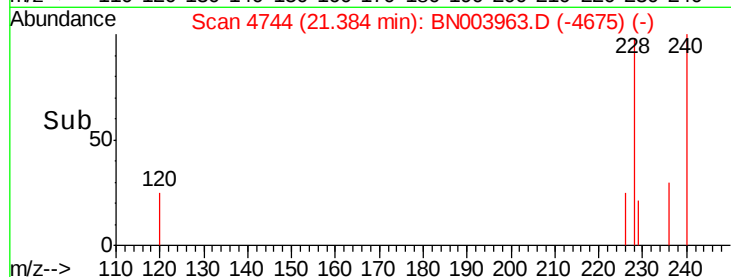
226 37.3 21.1 31.7#



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: 0.059 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

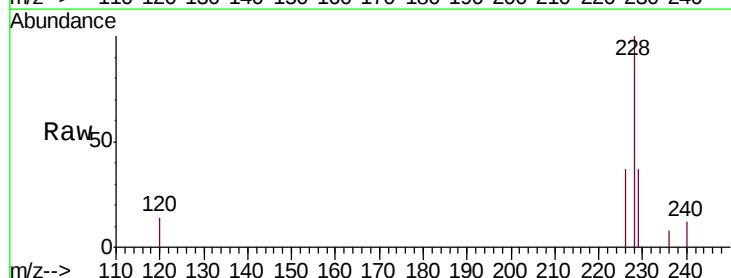
Tgt Ion:228 Resp: 4157

Ion Ratio Lower Upper

228 100

226 37.0 24.0 36.0#

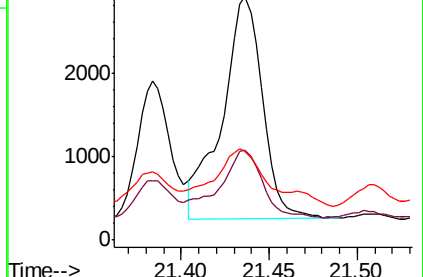
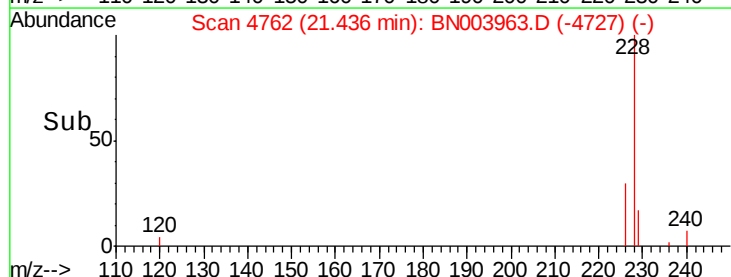
229 36.6 15.7 23.5#

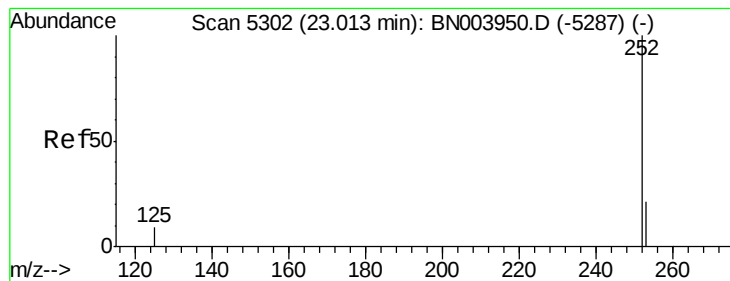


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.025 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. 0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_N

ClientSampleId :

F9E68DL

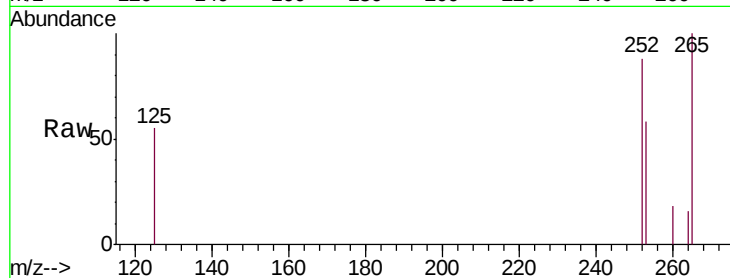
Tgt Ion:252 Resp: 1877

Ion Ratio Lower Upper

252 100

253 65.5 0.0 46.0#

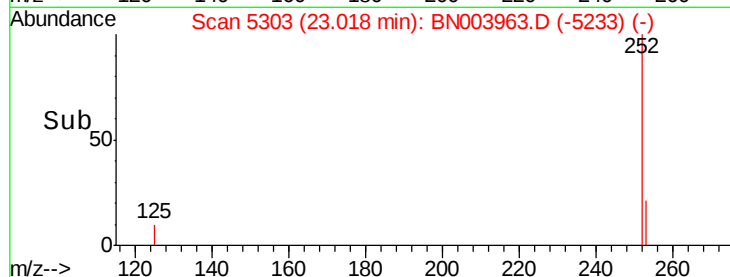
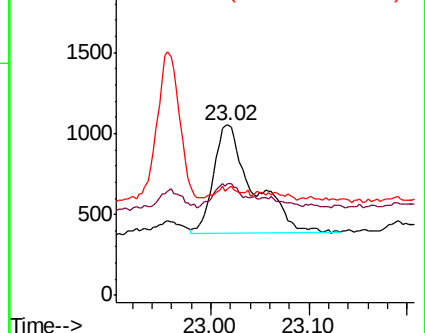
125 62.2 0.0 22.4#



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



#22

Benzo(k)fluoranthene

Concen: 0.025 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.04 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

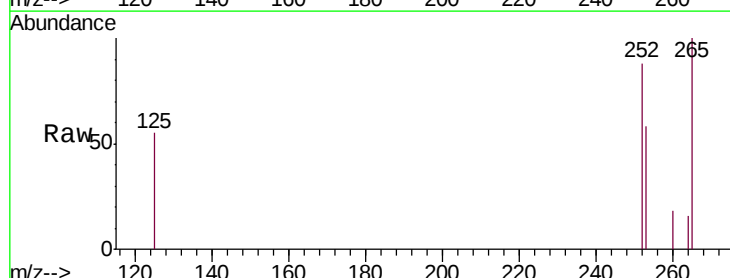
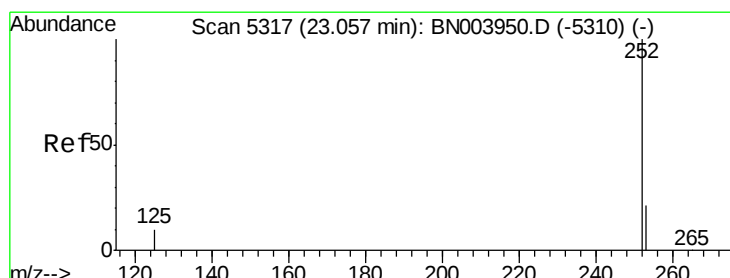
Tgt Ion:252 Resp: 1827

Ion Ratio Lower Upper

252 100

253 65.5 18.5 27.7#

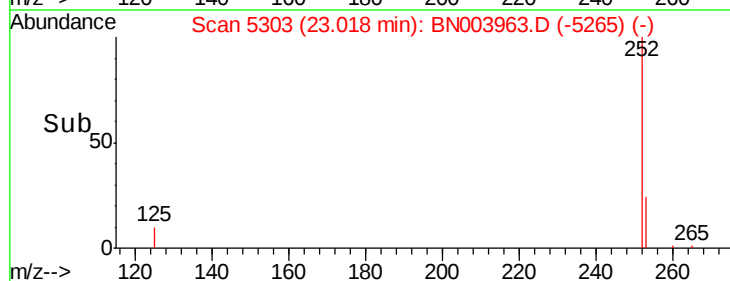
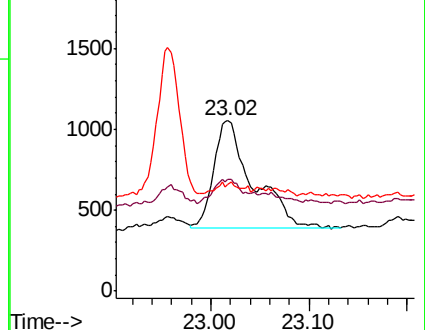
125 62.2 9.0 13.6#

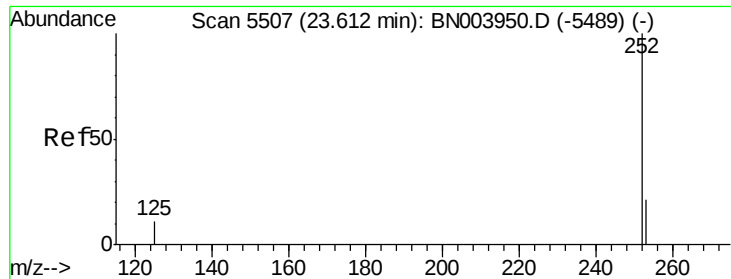


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_N

ClientSampleId :

F9E68DL

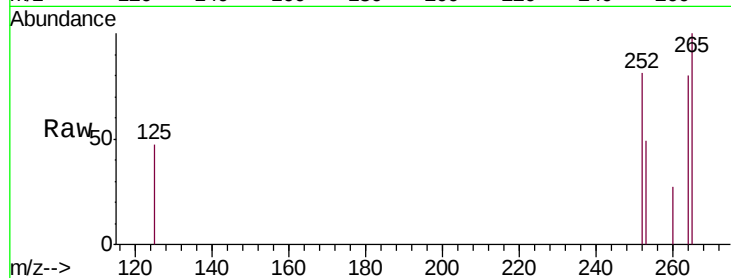
Tgt Ion:252 Resp: 1342

Ion Ratio Lower Upper

252 100

253 61.5 19.0 28.4#

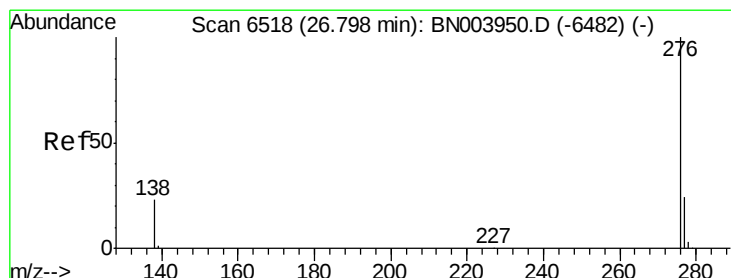
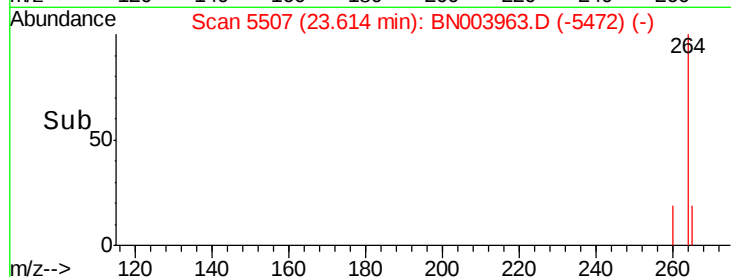
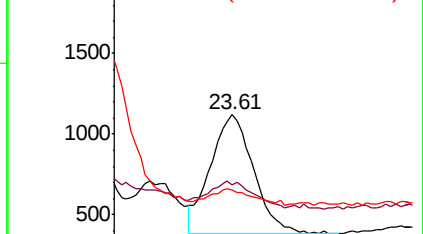
125 58.6 10.2 15.4#



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



#26

Benzo(g,h,i)perylene

Concen: 0.030 ng/ul

RT: 26.80 min Scan# 6518

Delta R.T. 0.00 min

Lab File: BN003963.D

Acq: 15 Dec 2018 17:28

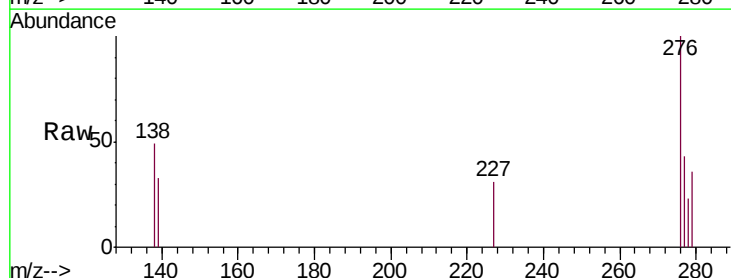
Tgt Ion:276 Resp: 1930

Ion Ratio Lower Upper

276 100

138 48.8 17.7 26.5#

277 43.1 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

