

Data File : BN003386.D
Acq On : 01 Nov 2018 19:35
Operator : MJ/SJ
Sample : J5657-18MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40F1MSD

Quant Time: Nov 02 04:52:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

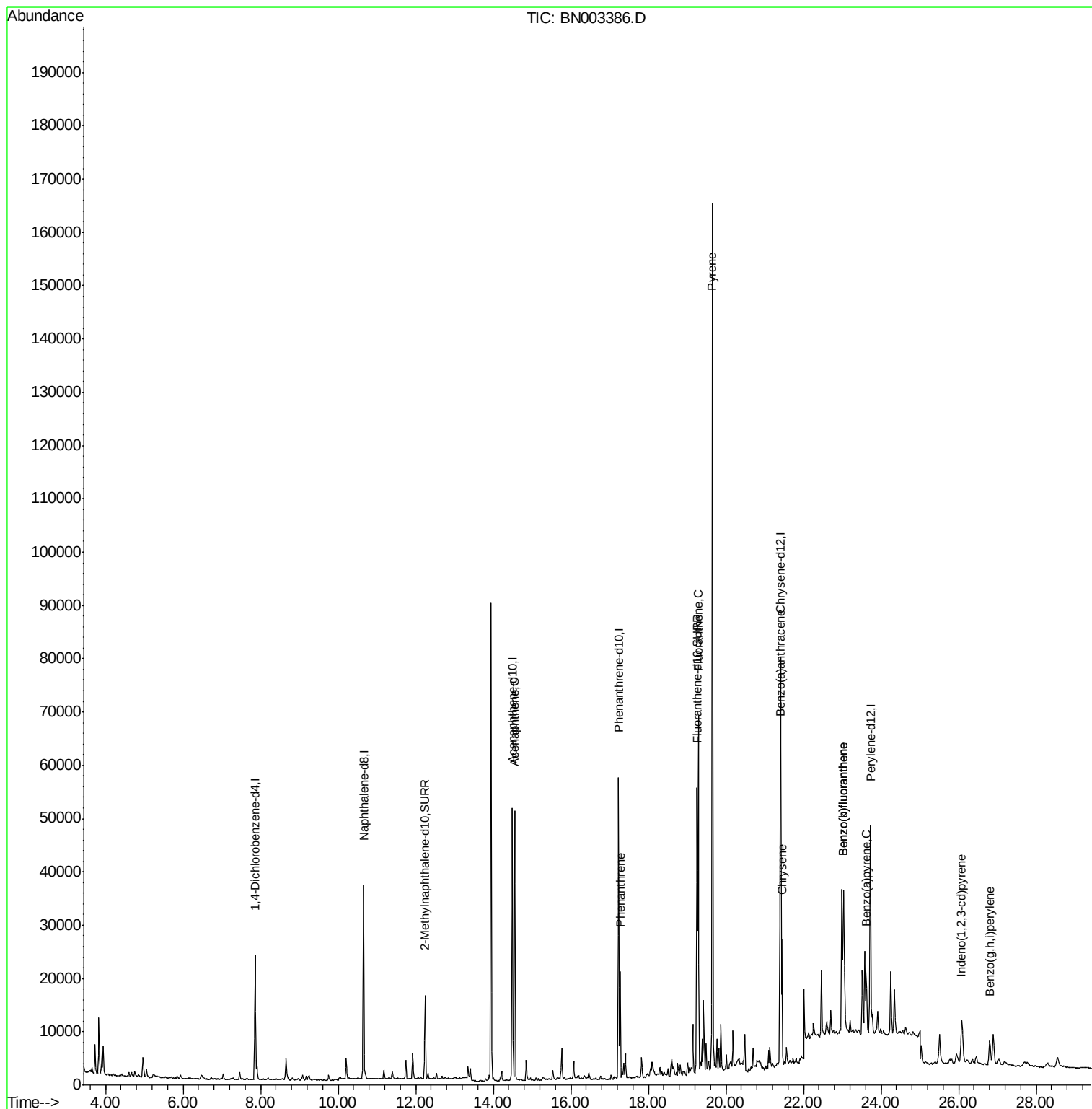
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11596	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	47799	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26944	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	65638	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	61711	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	51354	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	20343	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	55657	0.30	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.55	153	28791	0.275	ng/ul	99
12) Phenanthrene	17.27	178	20415	0.095	ng/ul	98
15) Fluoranthene	19.29	202	54038	0.223	ng/ul	94
17) Pyrene	19.65	202	130661	0.582	ng/ul	96
18) Benzo(a)anthracene	21.39	228	20148	0.104	ng/ul#	90
19) Chrysene	21.45	228	24989	0.114	ng/ul#	94
21) Benzo(b)fluoranthene	23.02	252	38261	0.173	ng/ul#	39
22) Benzo(k)fluoranthene	23.02	252	38261	0.179	ng/ul#	39
23) Benzo(a)pyrene	23.62	252	18451	0.100	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	26.08	276	11037	0.056	ng/ul#	59
26) Benzo(g,h,i)perylene	26.81	276	9944	0.059	ng/ul#	76

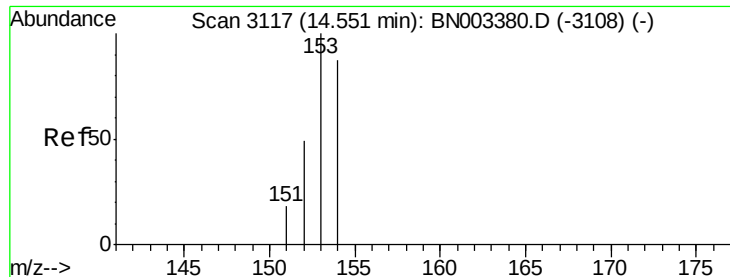
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.275 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

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BNA_N

ClientSampleId :

A40F1MSD

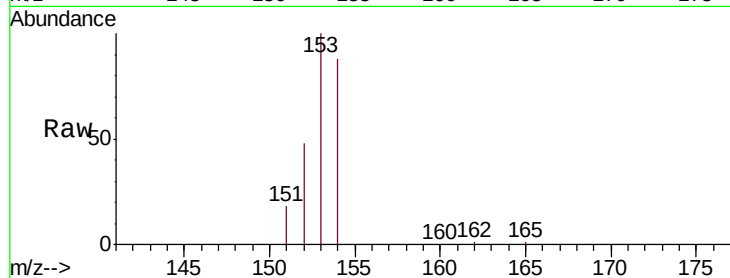
Tgt Ion:153 Resp: 28791

Ion Ratio Lower Upper

153 100

152 48.5 39.5 59.3

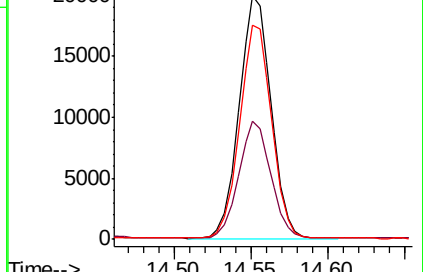
154 87.8 70.3 105.5



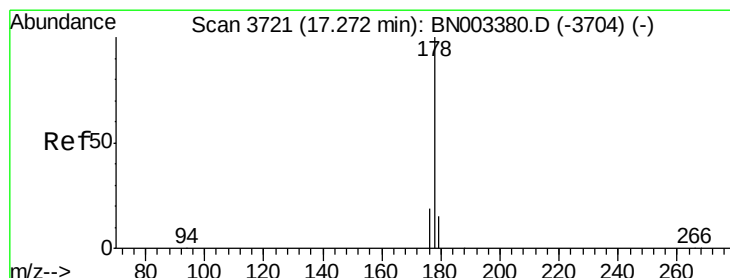
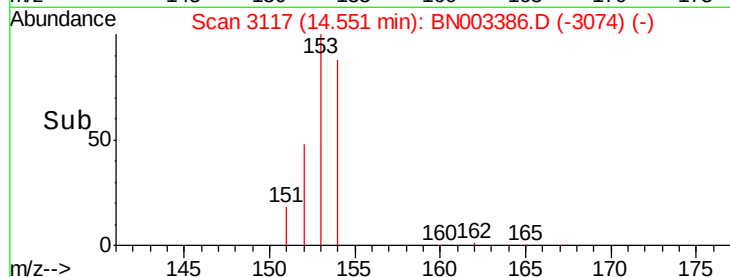
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#12

Phenanthrene

Concen: 0.095 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

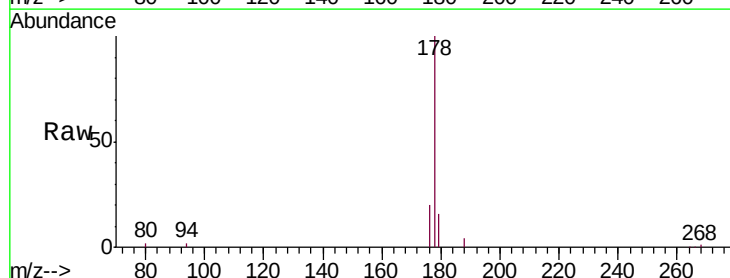
Tgt Ion:178 Resp: 20415

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

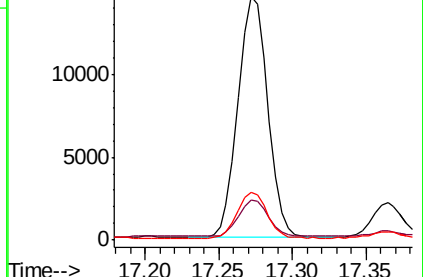
176 19.5 15.0 22.4



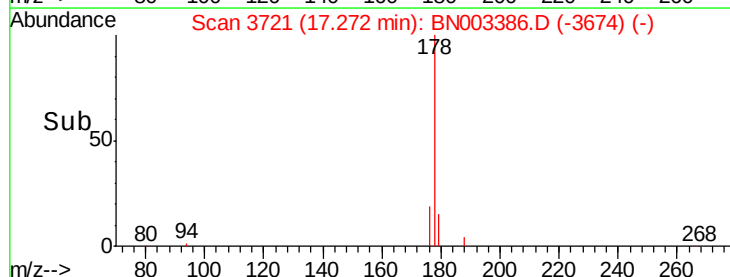
Abundance Ion 178.00 (177.70 to 178.70): E

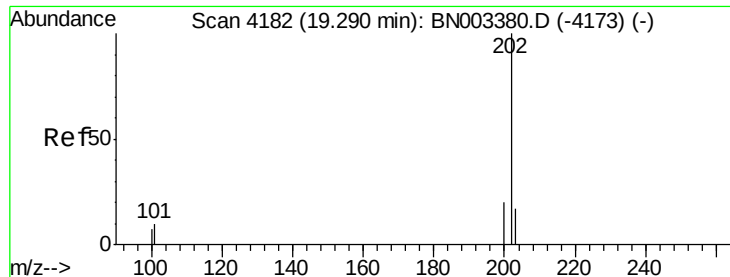
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.223 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

Instrument :

BNA_N

ClientSampleId :

A40F1MSD

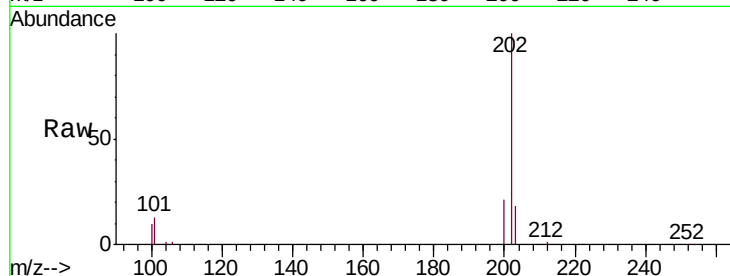
Tgt Ion:202 Resp: 54038

Ion Ratio Lower Upper

202 100

101 13.0 0.0 30.7

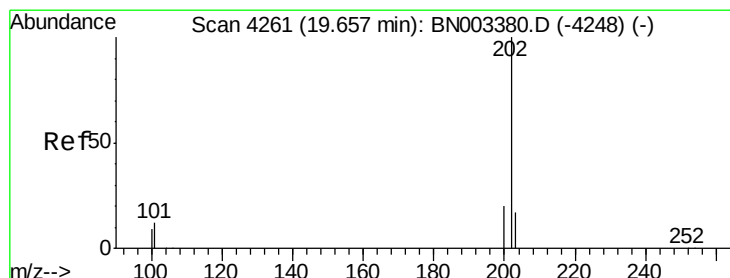
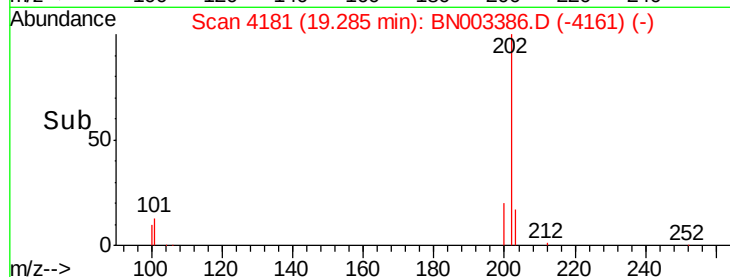
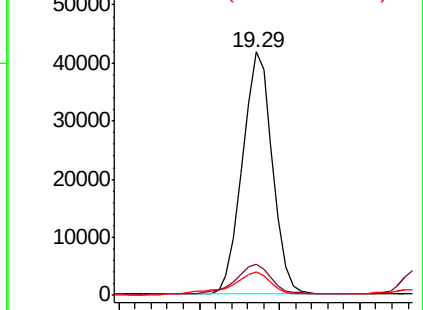
100 9.8 0.0 28.0



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: 0.582 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

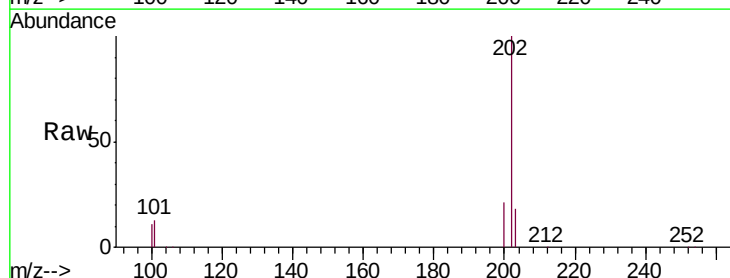
Tgt Ion:202 Resp: 130661

Ion Ratio Lower Upper

202 100

101 13.3 9.5 14.3

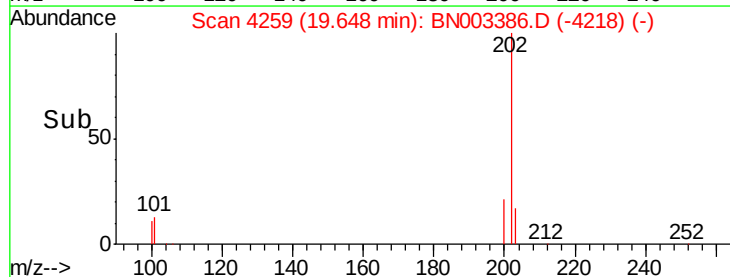
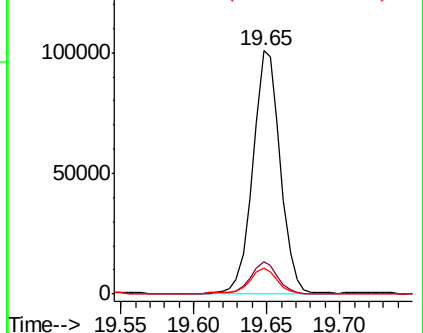
100 10.7 7.5 11.3

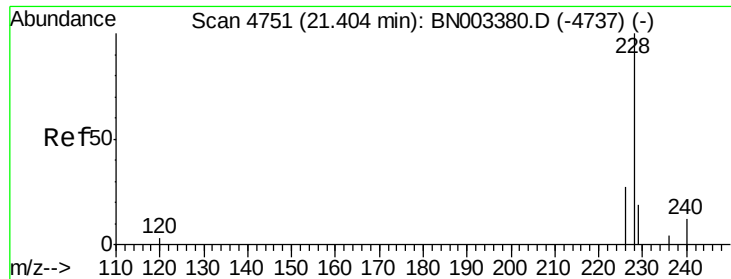


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.104 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.01 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

Instrument :

BNA_N

ClientSampleId :

A40F1MSD

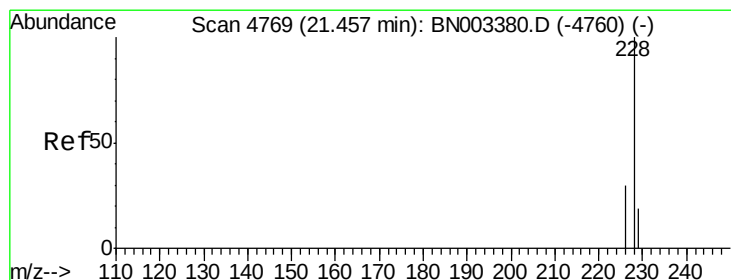
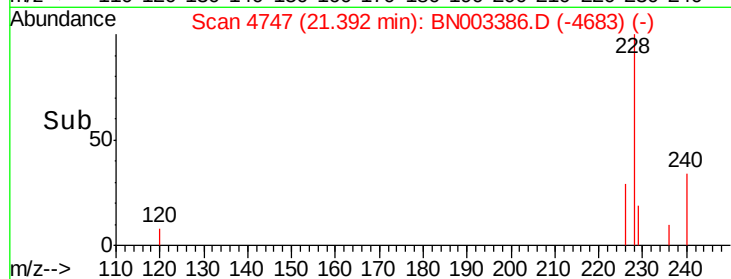
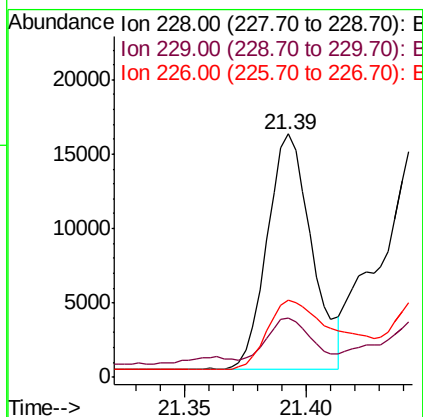
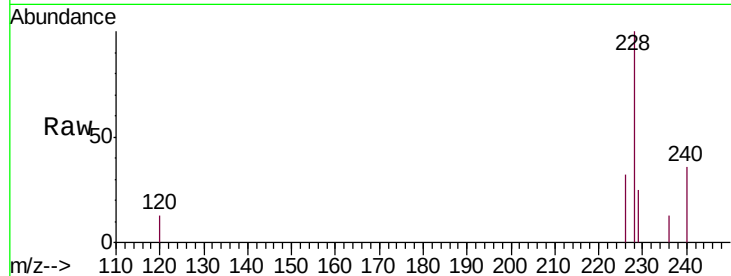
Tgt Ion:228 Resp: 20148

Ion Ratio Lower Upper

228 100

229 24.5 15.5 23.3#

226 31.9 21.5 32.3



#19

Chrysene

Concen: 0.114 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

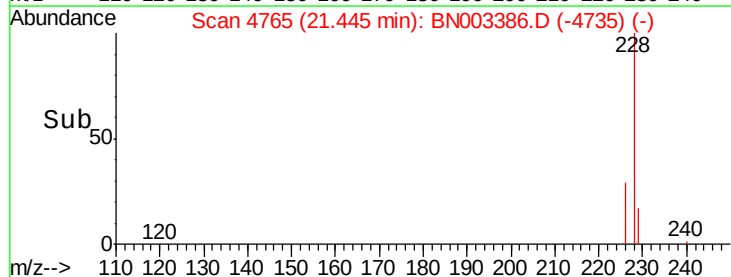
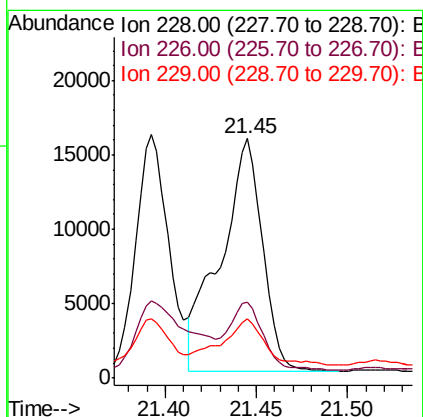
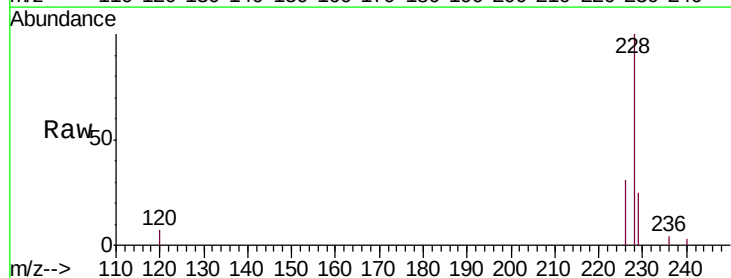
Tgt Ion:228 Resp: 24989

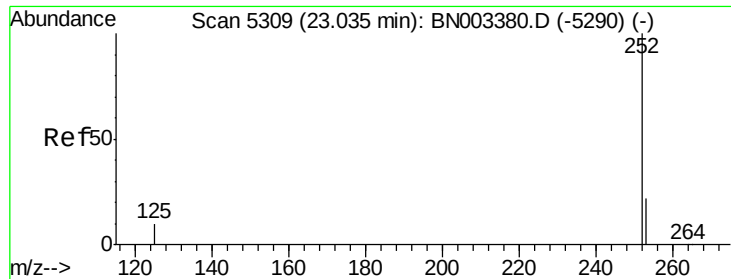
Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

229 24.5 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 0.173 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.01 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

Instrument :

BNA_N

ClientSampleId :

A40F1MSD

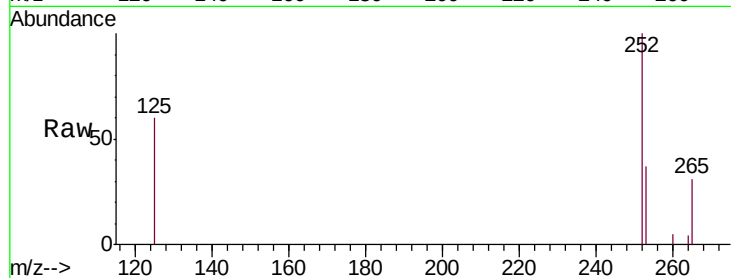
Tgt Ion:252 Resp: 38261

Ion Ratio Lower Upper

252 100

253 36.8 0.0 45.6

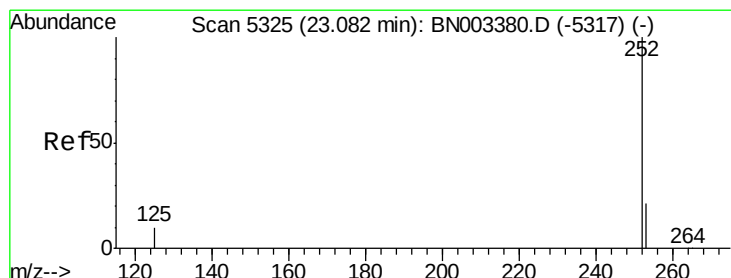
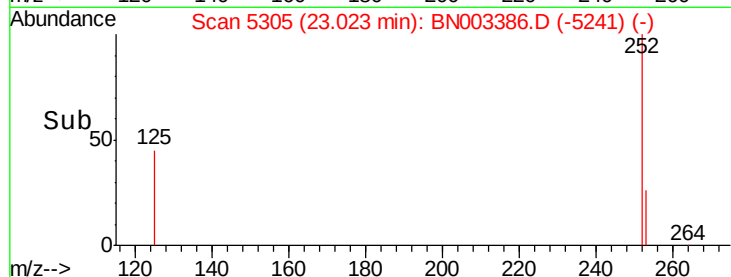
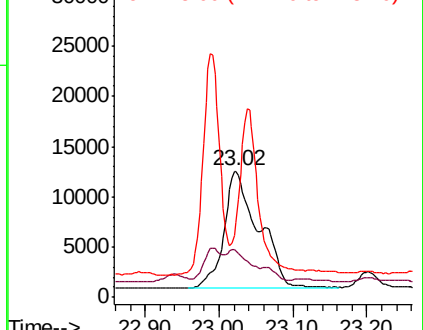
125 59.6 0.0 21.8#



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: 0.179 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.06 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

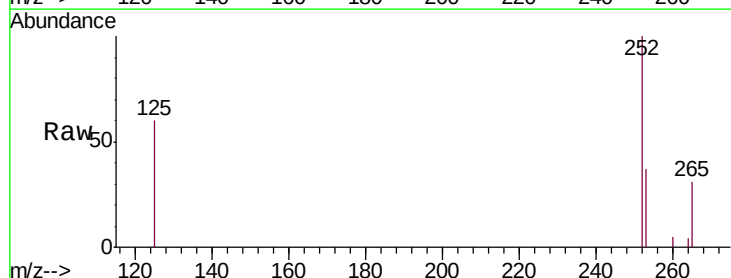
Tgt Ion:252 Resp: 38261

Ion Ratio Lower Upper

252 100

253 36.8 18.2 27.4#

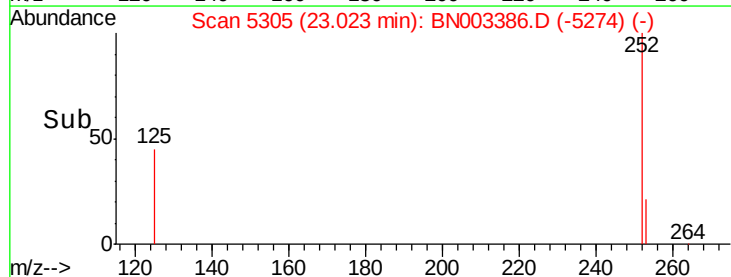
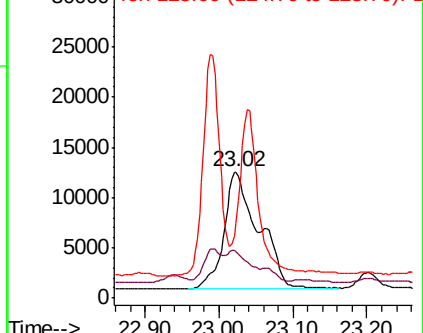
125 59.6 8.6 13.0#

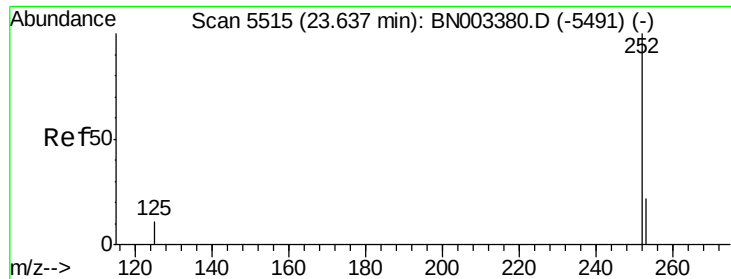


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.100 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. -0.02 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

Instrument :

BNA_N

ClientSampleId :

A40F1MSD

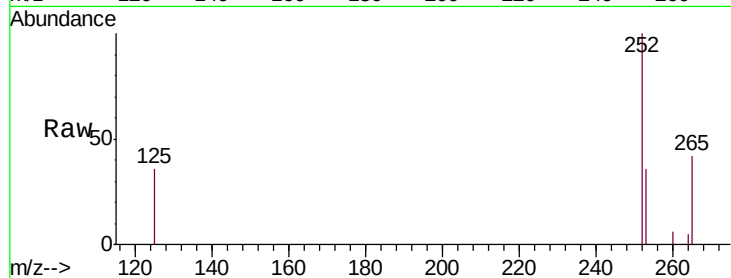
Tgt Ion:252 Resp: 18451

Ion Ratio Lower Upper

252 100

253 36.1 18.5 27.7#

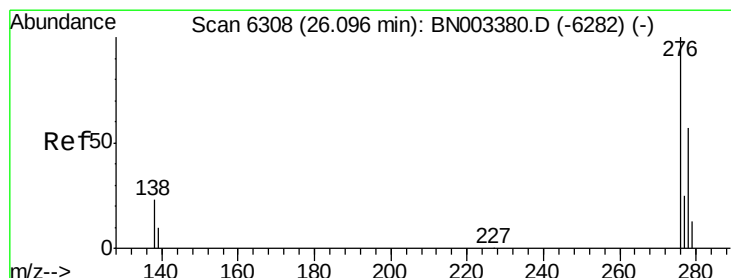
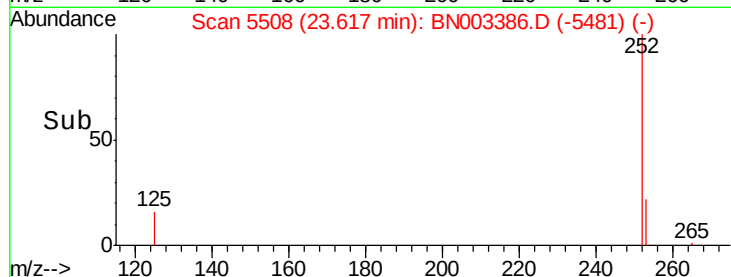
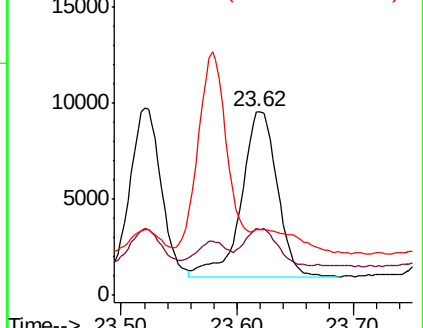
125 35.8 9.9 14.9#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng/ul

RT: 26.08 min Scan# 6302

Delta R.T. -0.02 min

Lab File: BN003386.D

Acq: 01 Nov 2018 19:35

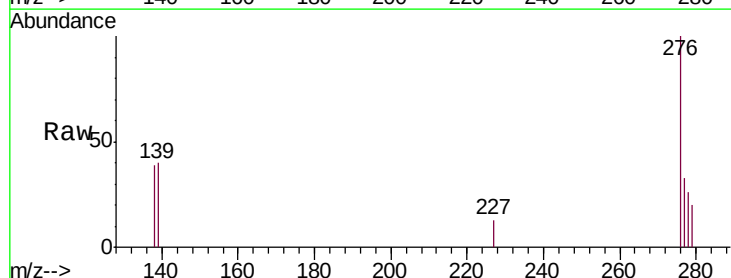
Tgt Ion:276 Resp: 11037

Ion Ratio Lower Upper

276 100

138 45.2 19.8 29.8#

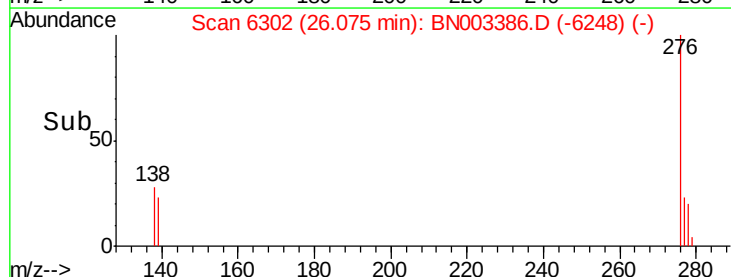
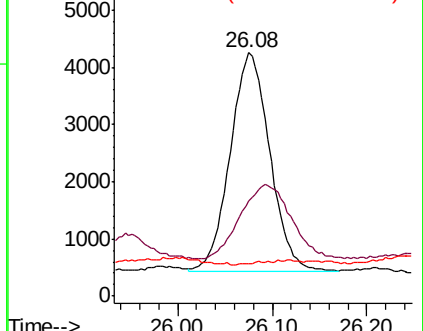
227 0.8 0.2 0.2#

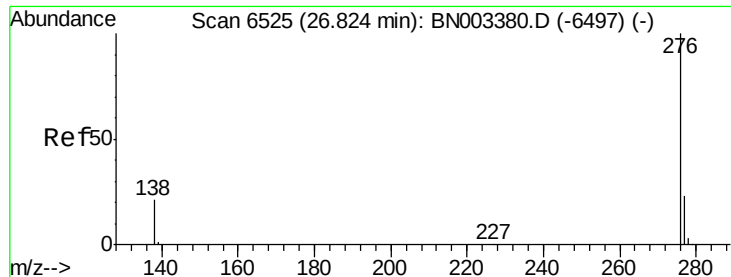


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.059 ng/ul

RT: 26.81 min Scan# 6520

Delta R.T. -0.02 min

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BNA_N

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A40F1MSD

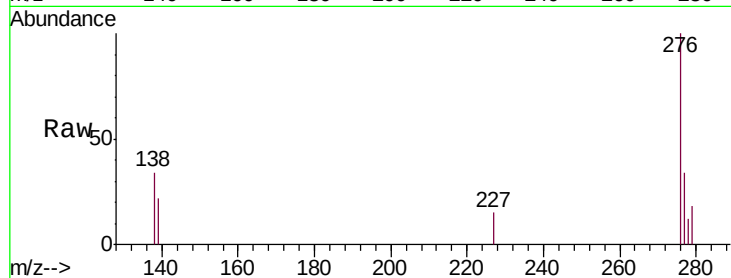
Tgt Ion: 276 Resp: 9944

Ion Ratio Lower Upper

276 100

138 34.3 17.0 25.6#

277 34.1 19.2 28.8#



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

