

Data File : BN003390.D
Acq On : 01 Nov 2018 21:56
Operator : MJ/SJ
Sample : J5701-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40F9

Quant Time: Nov 02 04:53:00 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	13456	0.40	ng/ul	0.00
2) Naphthalene-d8	10.66	136	53384	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.49	164	30679	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	436839	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	59273	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	53289	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	18511	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	41897	0.03	ng/ul	0.06

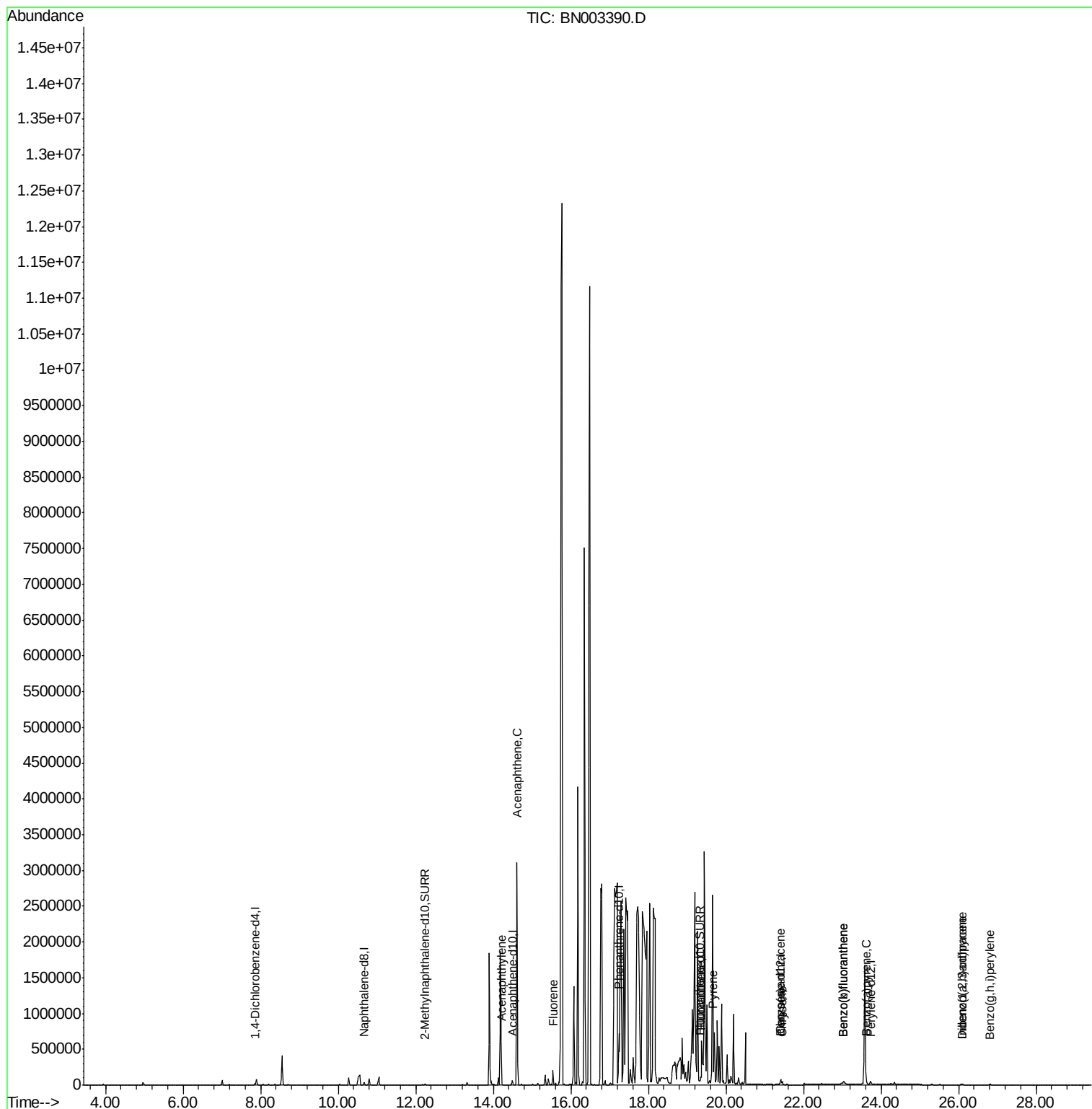
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	3683	0.028	ng/ul#	48
8) Acenaphthene	14.61	153	1102248	9.255	ng/ul#	1
9) Fluorene	15.54	166	111005	0.791	ng/ul#	92
15) Fluoranthene	19.35	202	87355	0.054	ng/ul	96
17) Pyrene	19.68	202	72969	0.338	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	25674	0.138	ng/ul#	90
19) Chrysene	21.45	228	48299	0.229	ng/ul#	94
21) Benzo(b)fluoranthene	23.02	252	75307	0.328	ng/ul#	60
22) Benzo(k)fluoranthene	23.02	252	75307	0.339	ng/ul#	60
23) Benzo(a)pyrene	23.62	252	21884	0.114	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	26.08	276	18447	0.090	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.09	278	4677	0.028	ng/ul#	1
26) Benzo(g,h,i)perylene	26.81	276	15447	0.088	ng/ul#	82

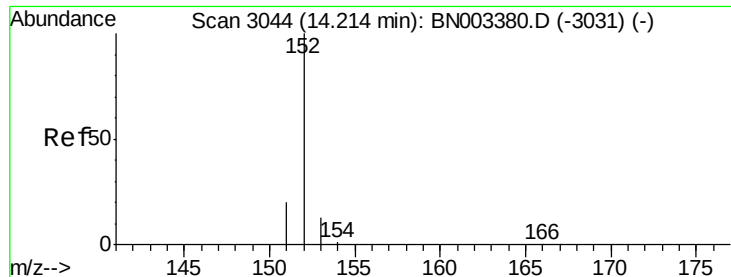
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

A40F9

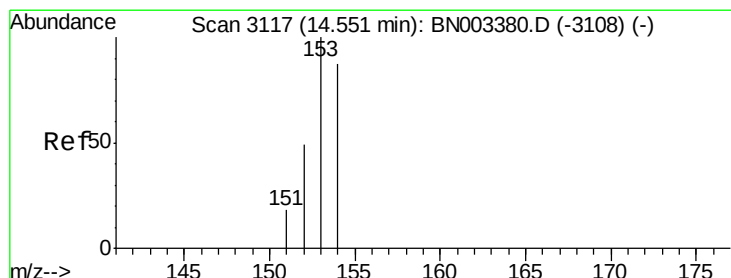
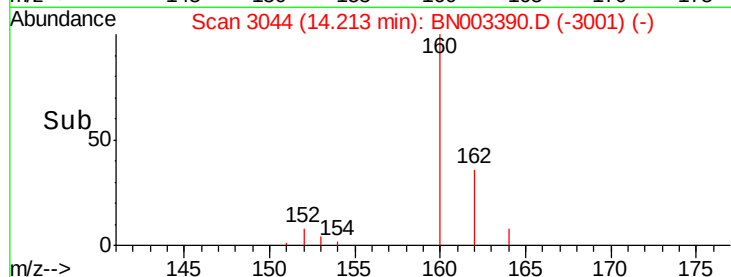
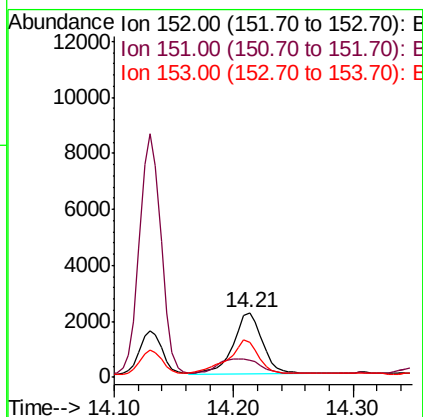
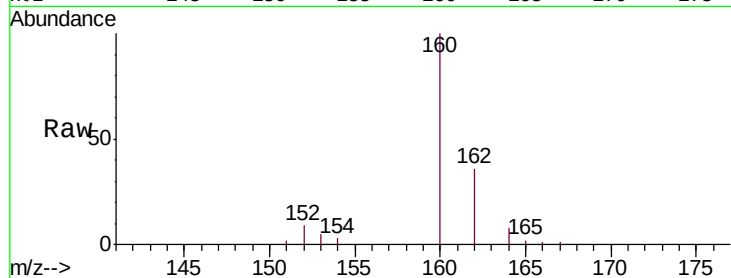
Tgt Ion:152 Resp: 3683

Ion Ratio Lower Upper

152 100

151 27.2 15.6 23.4#

153 54.4 10.4 15.6#



#8

Acenaphthene

Concen: 9.255 ng/ul

RT: 14.61 min Scan# 3130

Delta R.T. 0.06 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

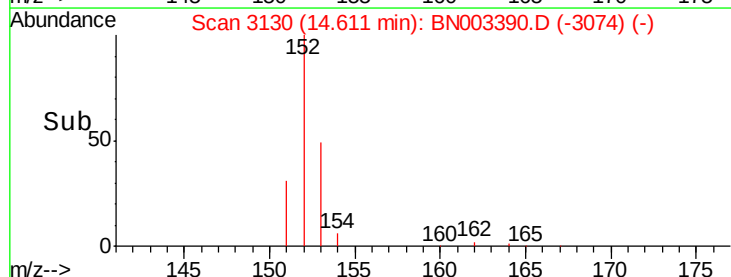
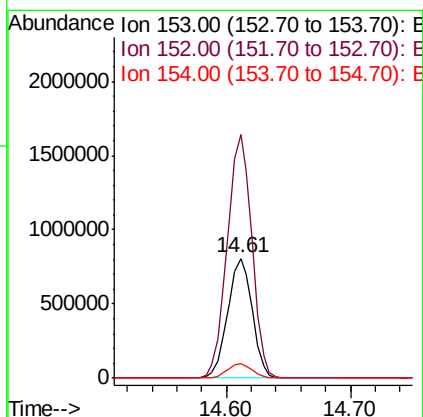
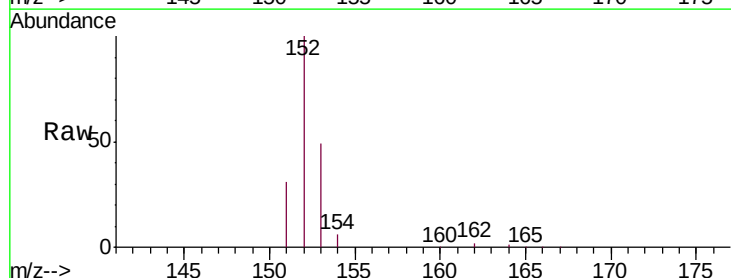
Tgt Ion:153 Resp: 1102248

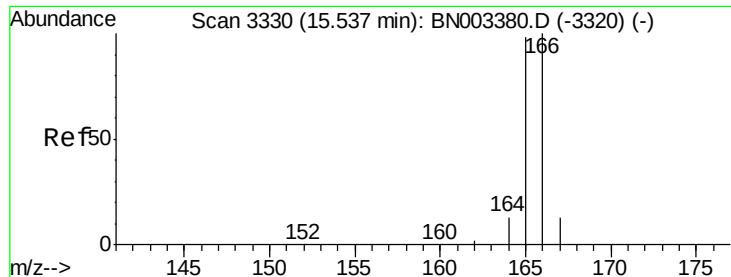
Ion Ratio Lower Upper

153 100

152 203.2 39.5 59.3#

154 12.0 70.3 105.5#





#9

Fluorene

Concen: 0.791 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

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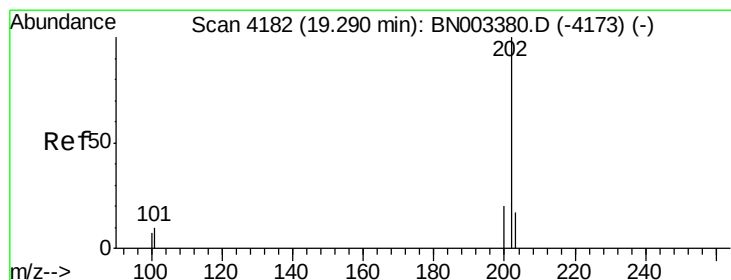
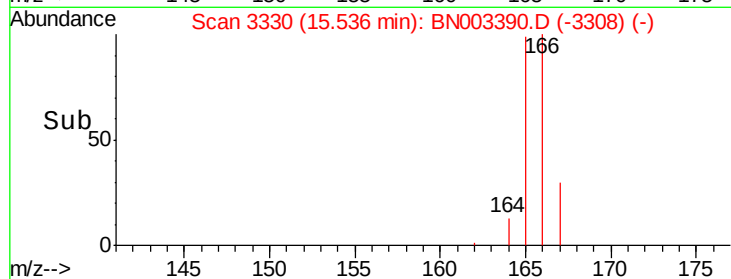
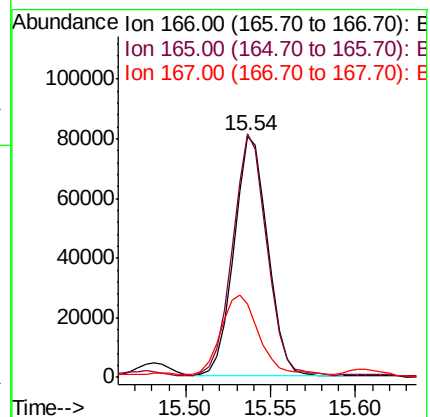
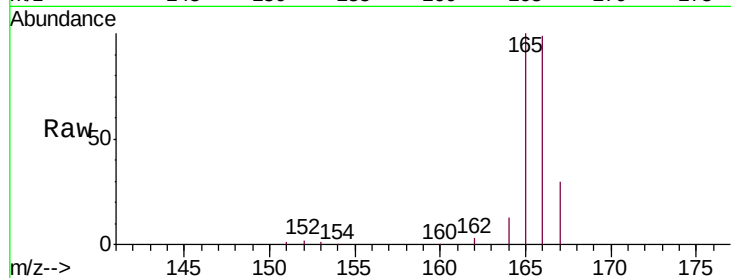
Tgt Ion:166 Resp: 111005

Ion Ratio Lower Upper

166 100

165 100.8 78.3 117.5

167 30.4 10.8 16.2#



#15

Fluoranthene

Concen: 0.054 ng/ul

RT: 19.35 min Scan# 4194

Delta R.T. 0.06 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

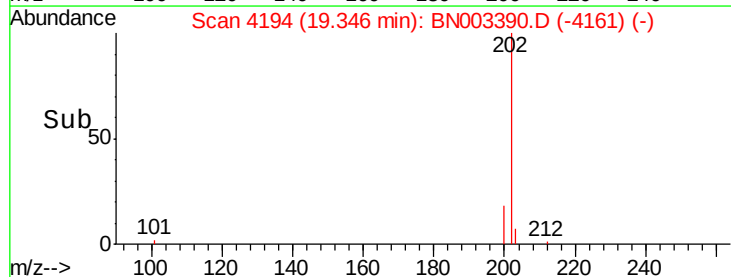
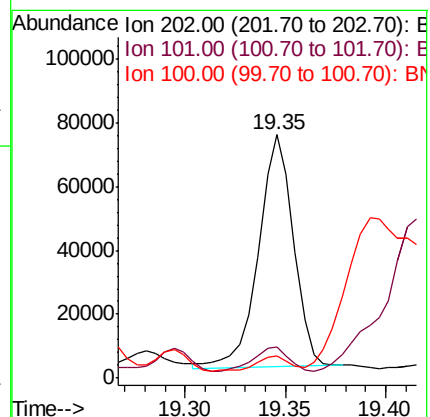
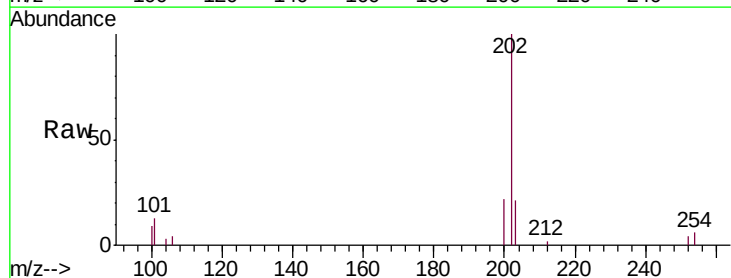
Tgt Ion:202 Resp: 87355

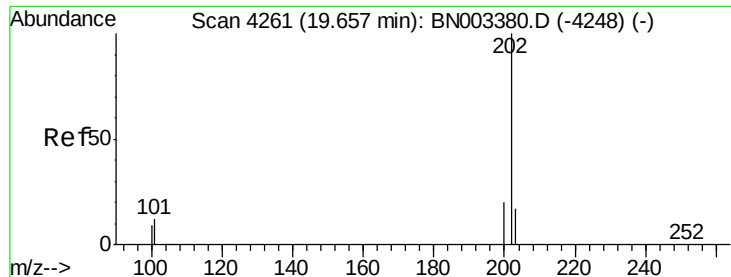
Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.7

100 9.1 0.0 28.0

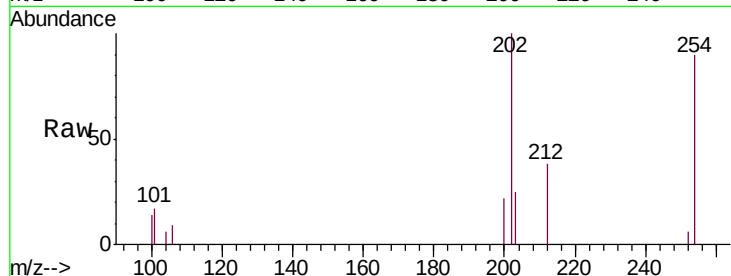




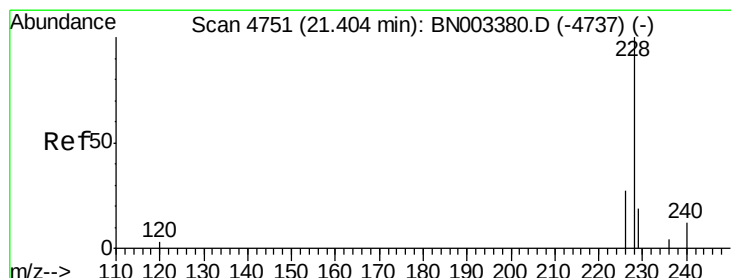
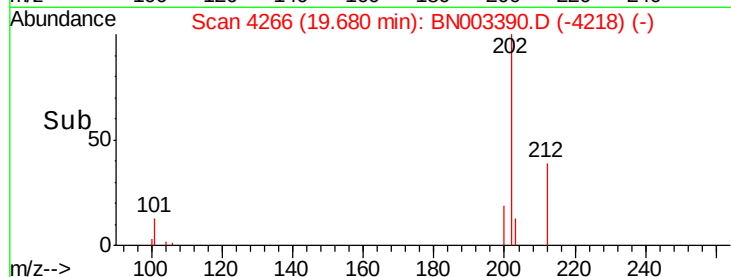
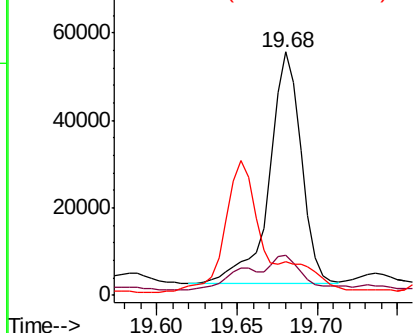
#17
 Pyrene
 Concen: 0.338 ng/ul
 RT: 19.68 min Scan# 4266
 Delta R.T. 0.02 min
 Lab File: BN003390.D
 Acq: 01 Nov 2018 21:56

Instrument :
 BNA_N
 ClientSampleId :
 A40F9

Tgt Ion:202 Resp: 72969
 Ion Ratio Lower Upper
 202 100
 101 16.6 9.5 14.3#
 100 13.7 7.5 11.3#

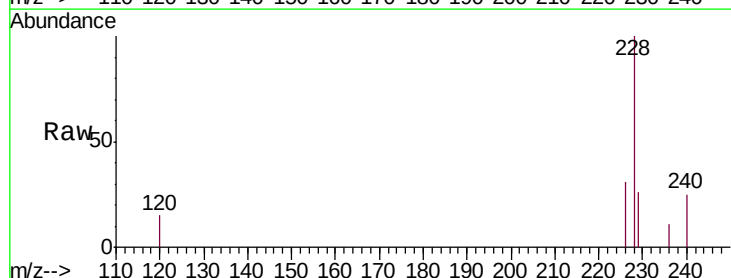


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

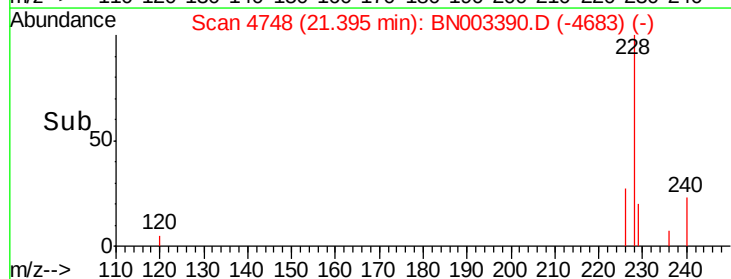
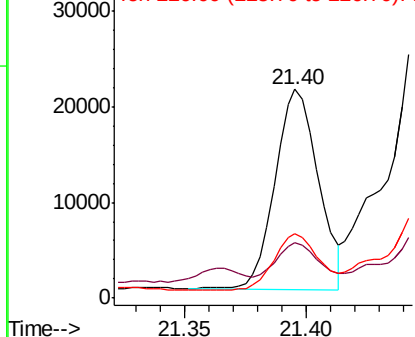


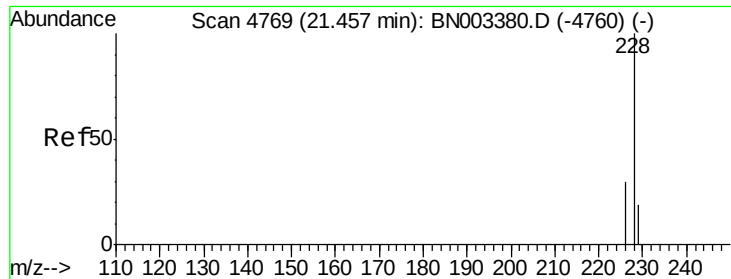
#18
 Benzo(a)anthracene
 Concen: 0.138 ng/ul
 RT: 21.40 min Scan# 4748
 Delta R.T. -0.01 min
 Lab File: BN003390.D
 Acq: 01 Nov 2018 21:56

Tgt Ion:228 Resp: 25674
 Ion Ratio Lower Upper
 228 100
 229 26.3 15.5 23.3#
 226 30.6 21.5 32.3



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: 0.229 ng/ul

RT: 21.45 min Scan# 4766

Delta R.T. -0.01 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

Instrument :

BNA_N

ClientSampleId :

A40F9

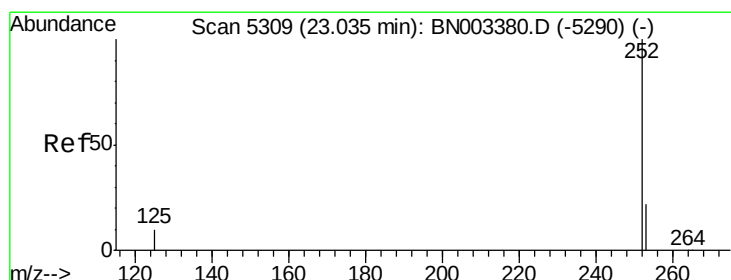
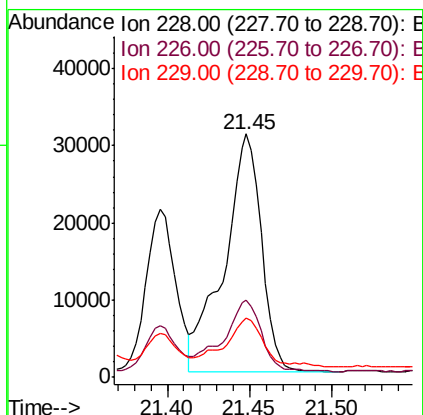
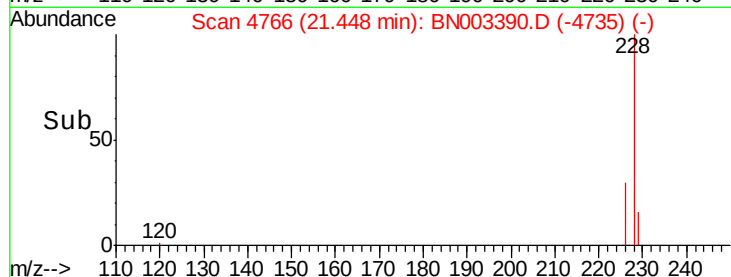
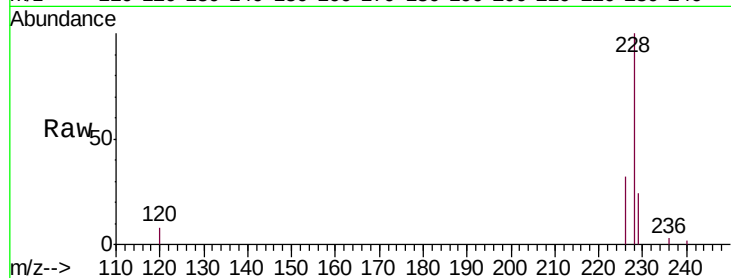
Tgt Ion:228 Resp: 48299

Ion Ratio Lower Upper

228 100

226 31.7 23.8 35.6

229 24.2 15.5 23.3#



#21

Benzo(b)fluoranthene

Concen: 0.328 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.01 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

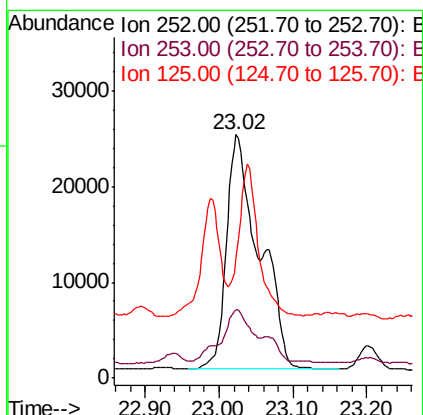
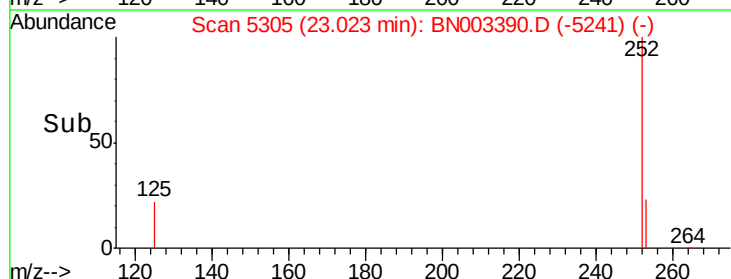
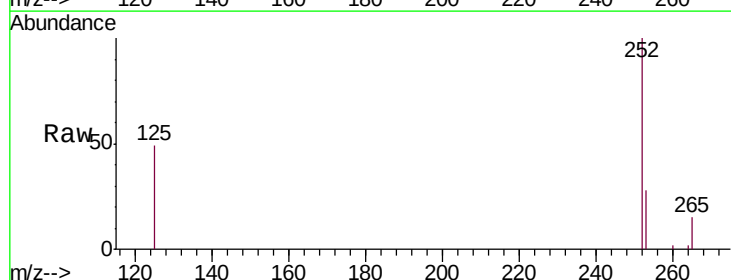
Tgt Ion:252 Resp: 75307

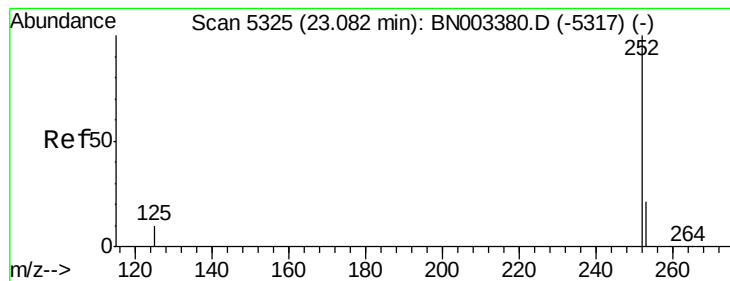
Ion Ratio Lower Upper

252 100

253 28.0 0.0 45.6

125 49.2 0.0 21.8#





#22

Benzo(k)fluoranthene

Concen: 0.339 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.06 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

Instrument :

BNA_N

ClientSampleId :

A40F9

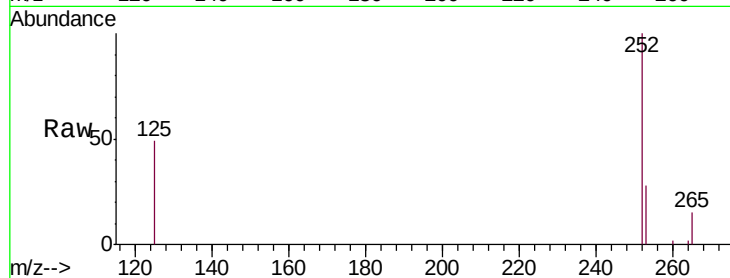
Tgt Ion:252 Resp: 75307

Ion Ratio Lower Upper

252 100

253 28.0 18.2 27.4#

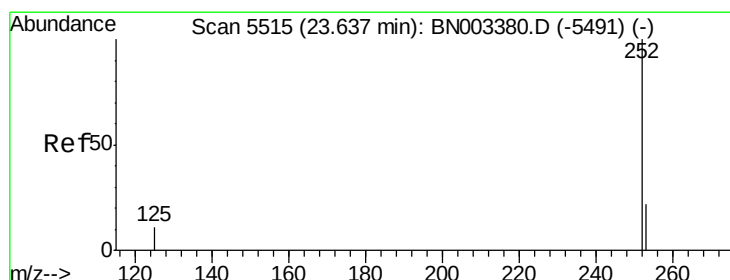
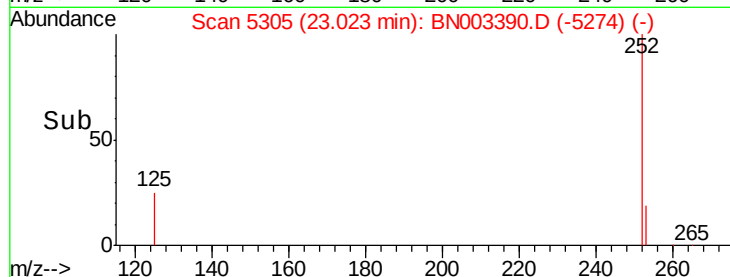
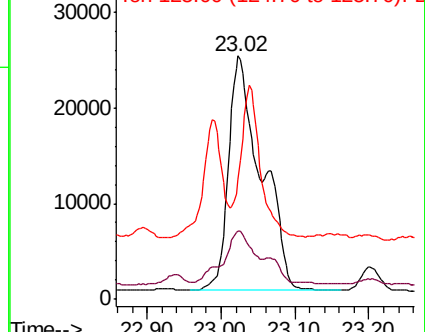
125 49.2 8.6 13.0#



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: 0.114 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. -0.01 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

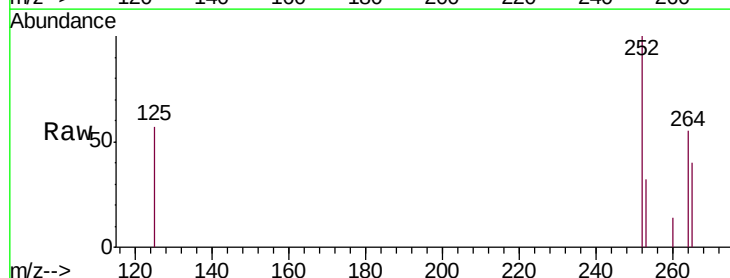
Tgt Ion:252 Resp: 21884

Ion Ratio Lower Upper

252 100

253 32.4 18.5 27.7#

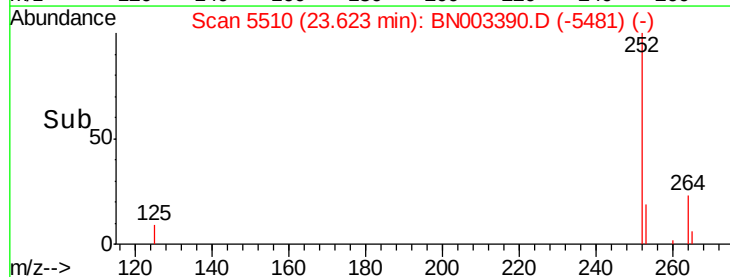
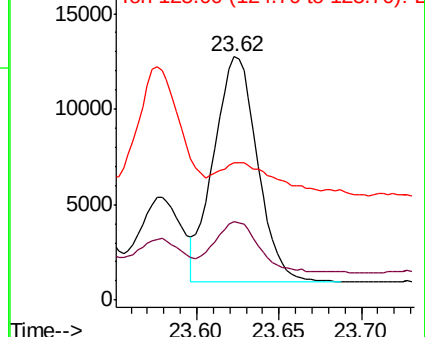
125 56.5 9.9 14.9#

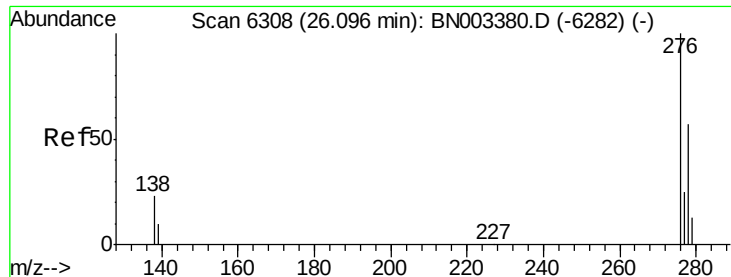


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.090 ng/ul

RT: 26.08 min Scan# 6303

Delta R.T. -0.02 min

Lab File: BN003390.D

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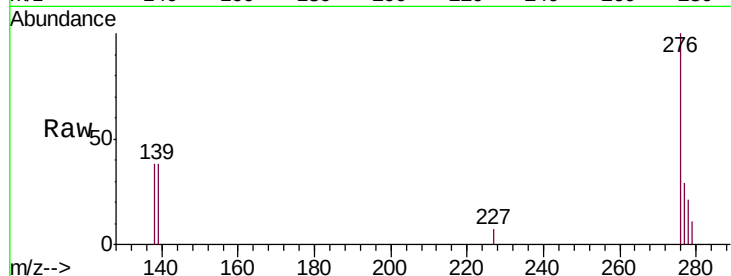
Tgt Ion:276 Resp: 18447

Ion Ratio Lower Upper

276 100

138 34.1 19.8 29.8#

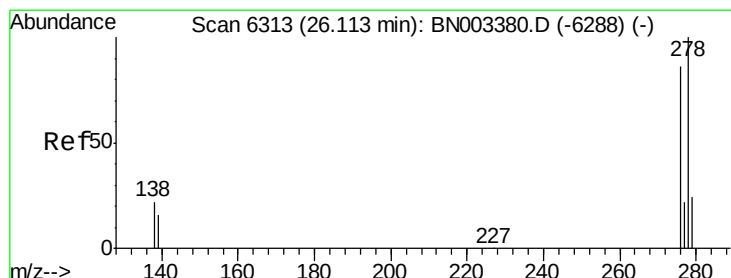
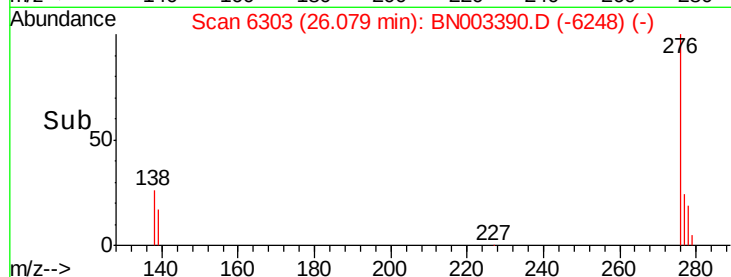
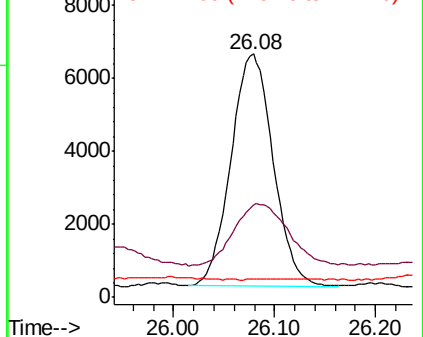
227 0.2 0.2 0.2



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



#25

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.02 min

Lab File: BN003390.D

Acq: 01 Nov 2018 21:56

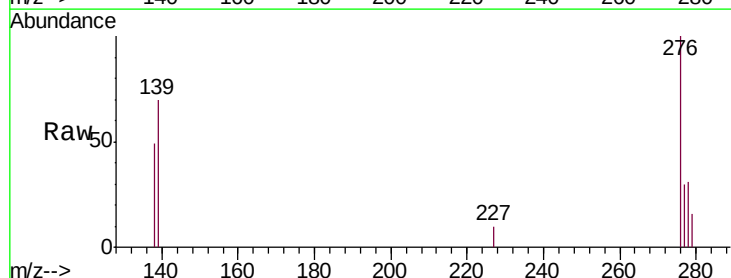
Tgt Ion:278 Resp: 4677

Ion Ratio Lower Upper

278 100

139 228.4 13.1 19.7#

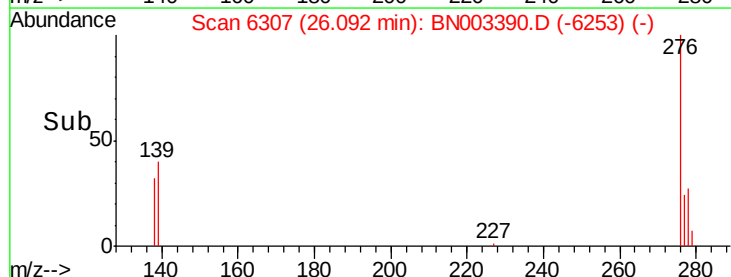
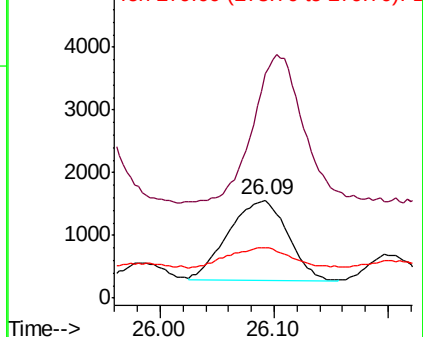
279 51.4 19.5 29.3#

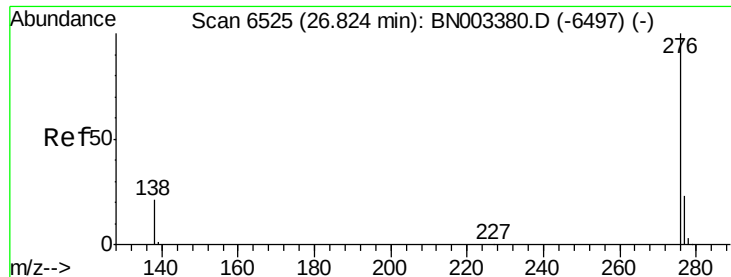


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.088 ng/ul

RT: 26.81 min Scan# 6520

Delta R.T. -0.02 min

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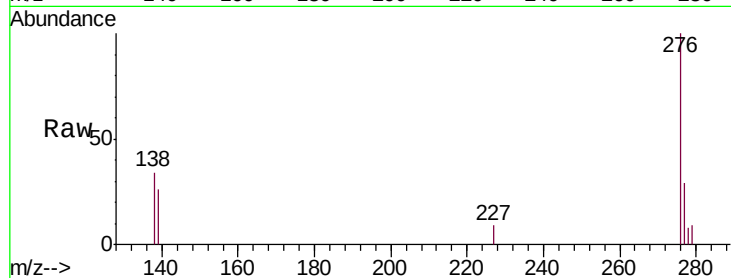
Tgt Ion: 276 Resp: 15447

Ion Ratio Lower Upper

276 100

138 34.1 17.0 25.6#

277 28.5 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

