

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003016.D
 Acq On : 09 Oct 2018 08:25
 Operator : MJ/SJ
 Sample : J5116-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC55

Quant Time: Oct 09 10:30:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

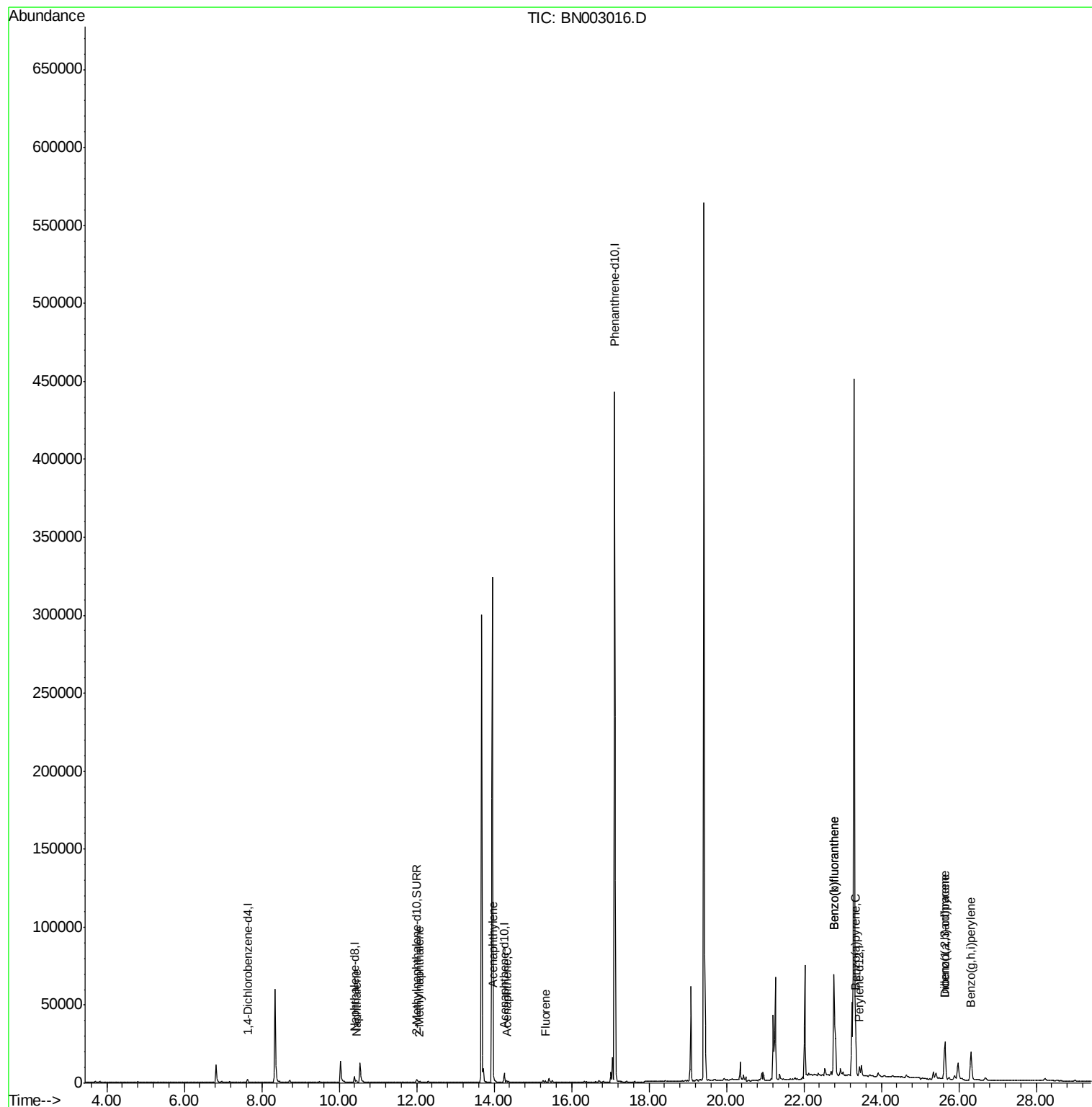
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1214	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5251	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3242	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	507196	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.43	264	8678	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2974	0.37	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	888	0.066	ng/ul#	82
5) 2-Methylnaphthalene	12.08	142	592	0.064	ng/ul	93
7) Acenaphthylene	13.98	152	1319	0.089	ng/ul#	87
8) Acenaphthene	14.32	153	828	0.074	ng/ul	96
9) Fluorene	15.32	166	670	0.052	ng/ul#	93
21) Benzo(b)fluoranthene	22.78	252	129185	4.134	ng/ul	95
22) Benzo(k)fluoranthene	22.78	252	129185	3.987	ng/ul	95
23) Benzo(a)pyrene	23.34	252	32396	1.157	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.64	276	37318	1.159	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	9457	0.367	ng/ul#	82
26) Benzo(g,h,i)perylene	26.32	276	36629	1.350	ng/ul	96

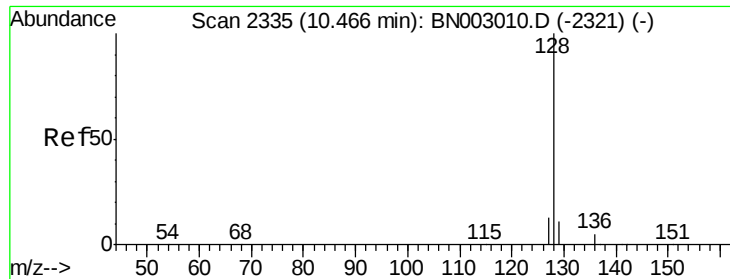
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.066 ng/u1

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

Instrument :

BNA_N

ClientSampleId :

JLC55

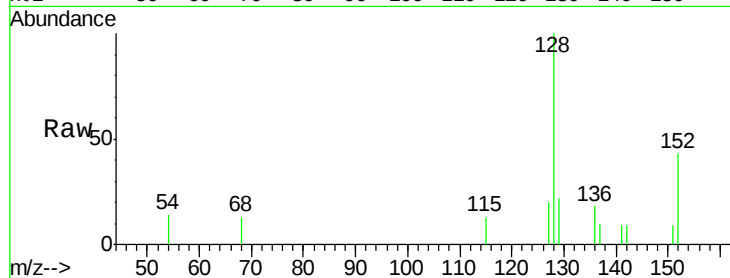
Tgt Ion:128 Resp: 888

Ion Ratio Lower Upper

128 100

129 21.9 10.4 15.6#

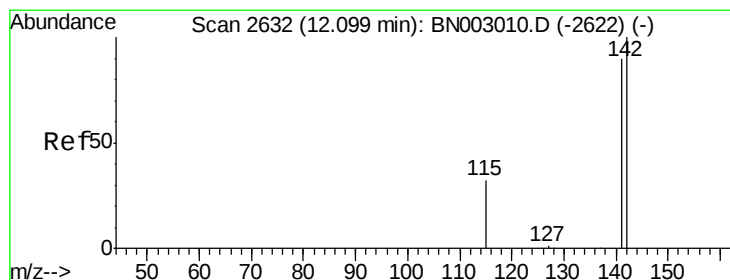
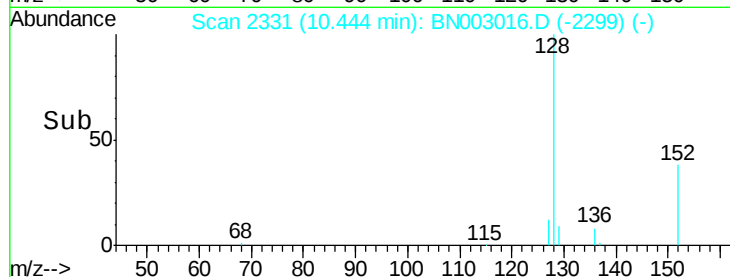
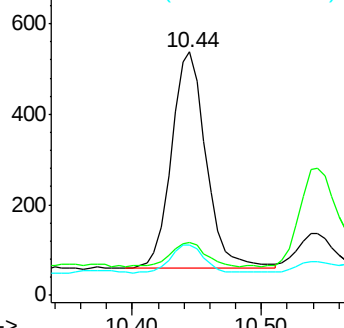
127 20.4 11.7 17.5#



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



#5

2-Methylnaphthalene

Concen: 0.064 ng/u1

RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN003016.D

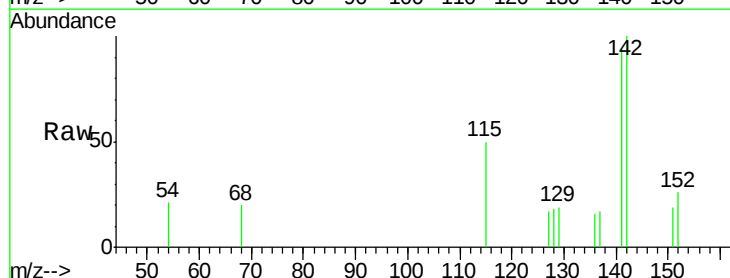
Acq: 09 Oct 2018 08:25

Tgt Ion:142 Resp: 592

Ion Ratio Lower Upper

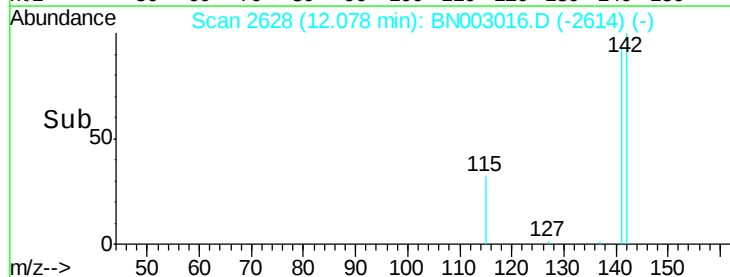
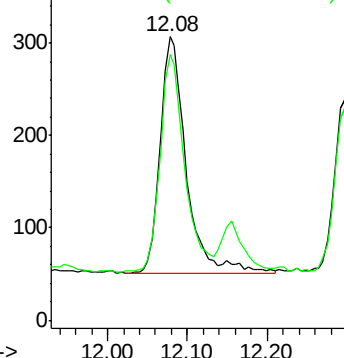
142 100

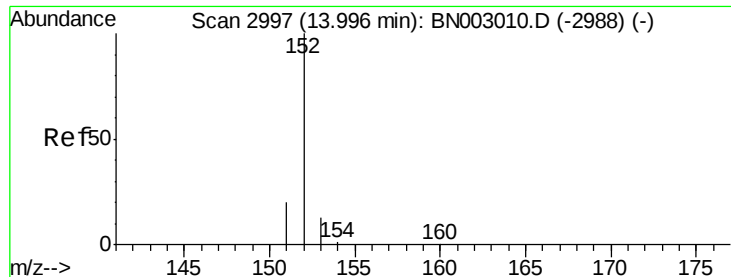
141 85.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

Instrument :

BNA_N

ClientSampleId :

JLC55

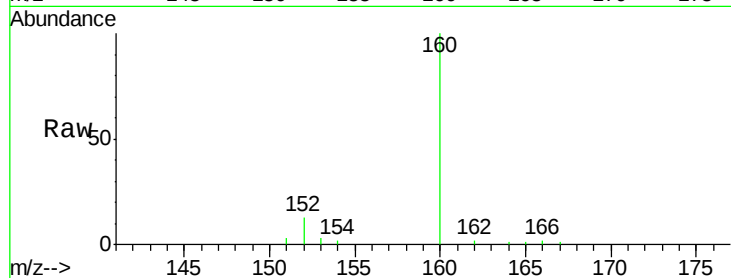
Tgt Ion:152 Resp: 1319

Ion Ratio Lower Upper

152 100

151 26.3 16.5 24.7#

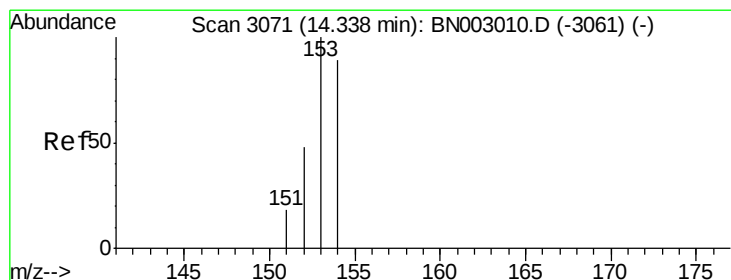
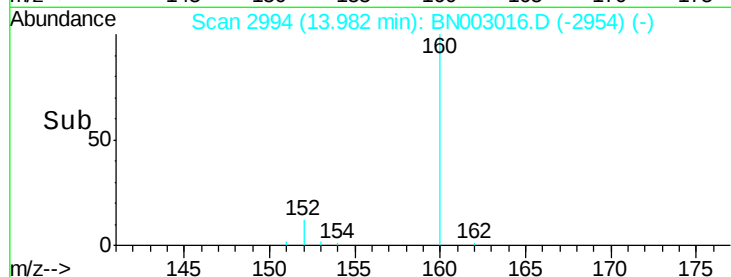
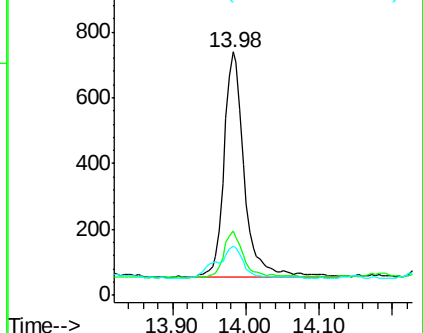
153 20.4 11.4 17.2#



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: 0.074 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

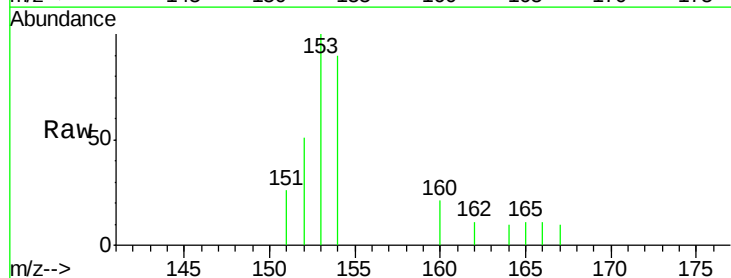
Tgt Ion:153 Resp: 828

Ion Ratio Lower Upper

153 100

152 51.2 38.2 57.4

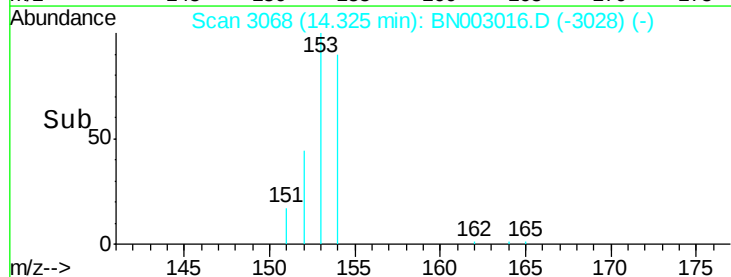
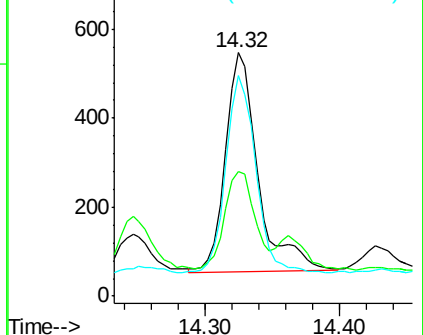
154 90.5 70.2 105.2

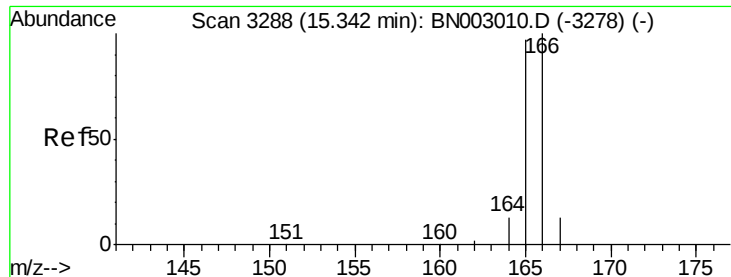


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.052 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

Instrument :

BNA_N

ClientSampleId :

JLC55

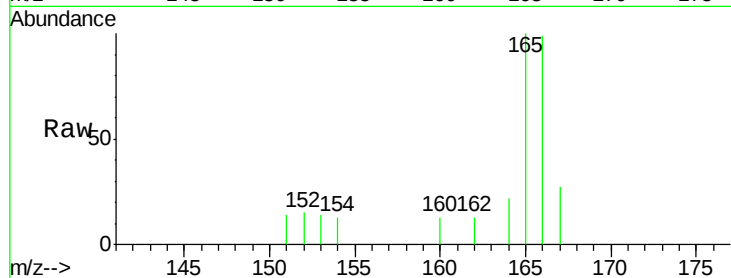
Tgt Ion:166 Resp: 670

Ion Ratio Lower Upper

166 100

165 101.5 78.5 117.7

167 27.5 11.6 17.4#



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

800

600

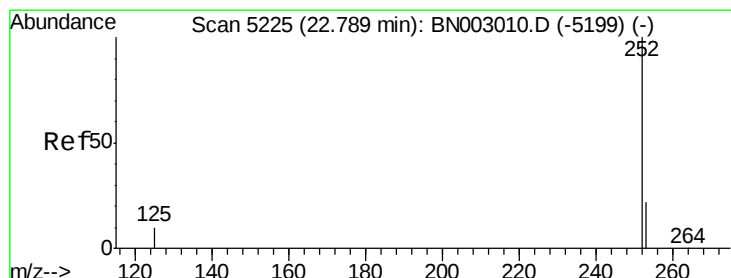
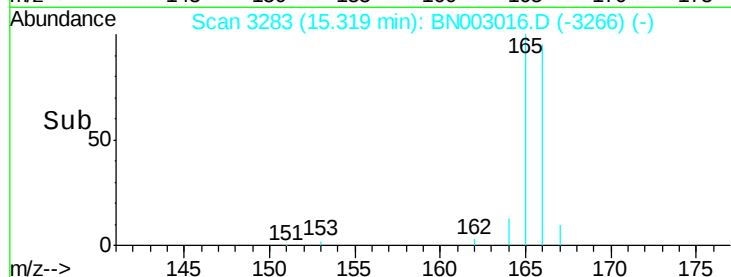
400

200

0

15.25 15.30 15.35 15.40

Time-->



#21

Benzo(b)fluoranthene

Concen: 4.134 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

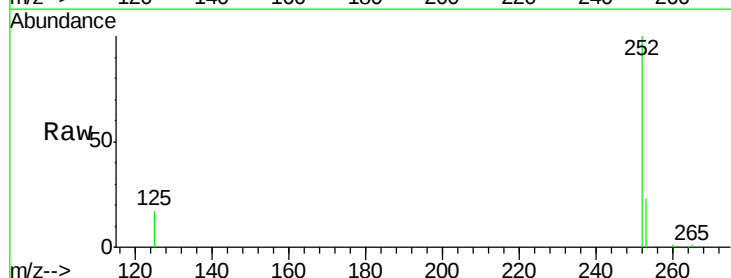
Tgt Ion:252 Resp: 129185

Ion Ratio Lower Upper

252 100

253 22.6 0.0 53.2

125 17.2 0.0 34.2



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

60000

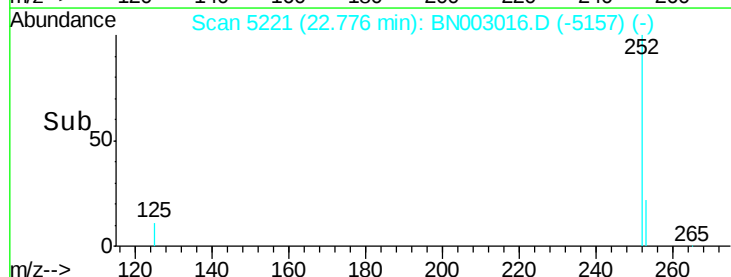
40000

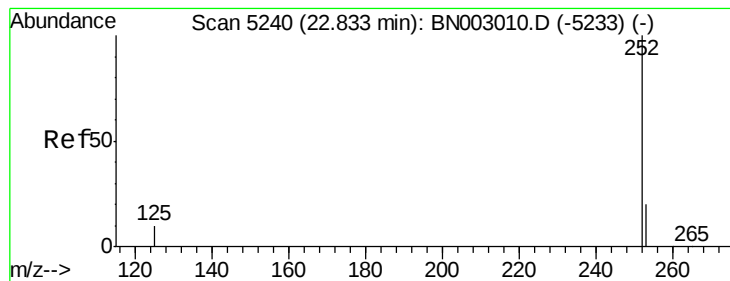
20000

0

22.70 22.80 22.90

Time-->





#22

Benzo(k)fluoranthene

Concen: 3.987 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.06 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

Instrument :

BNA_N

ClientSampleId :

JLC55

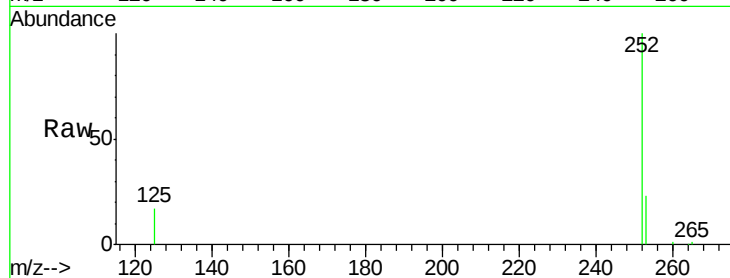
Tgt Ion:252 Resp: 129185

Ion Ratio Lower Upper

252 100

253 22.6 21.3 31.9

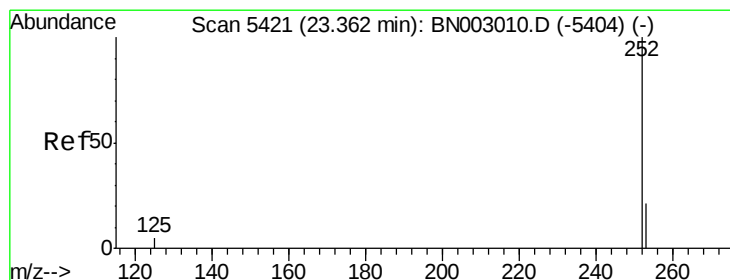
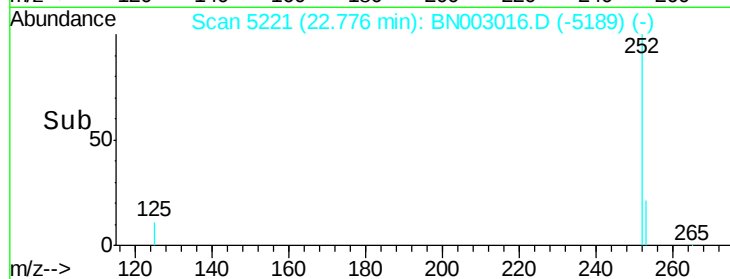
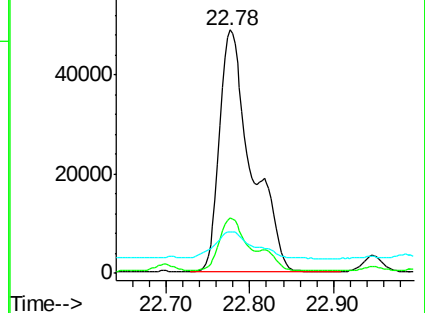
125 17.2 14.1 21.1



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: 1.157 ng/ul

RT: 23.34 min Scan# 5414

Delta R.T. -0.02 min

Lab File: BN003016.D

Acq: 09 Oct 2018 08:25

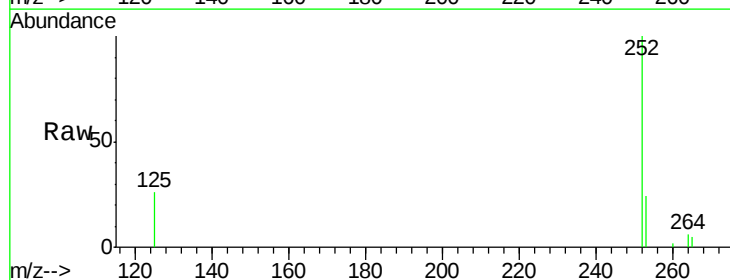
Tgt Ion:252 Resp: 32396

Ion Ratio Lower Upper

252 100

253 24.1 23.1 34.7

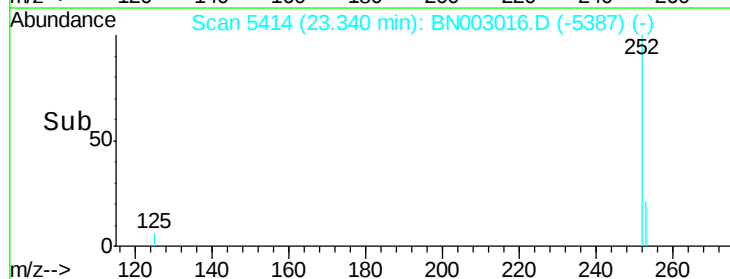
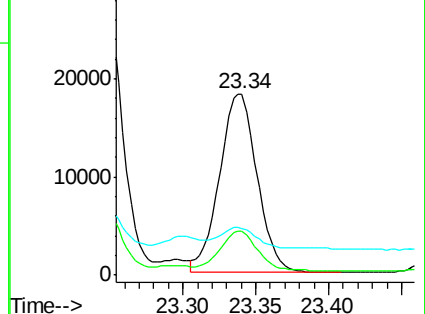
125 26.0 16.9 25.3#

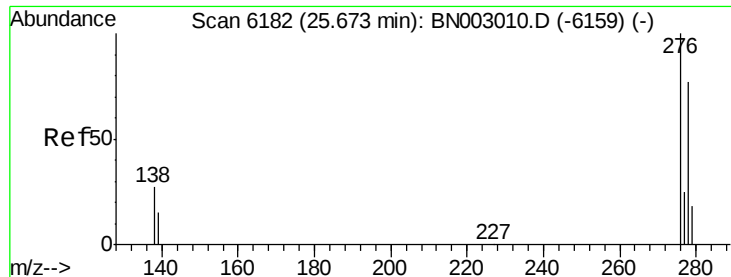


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



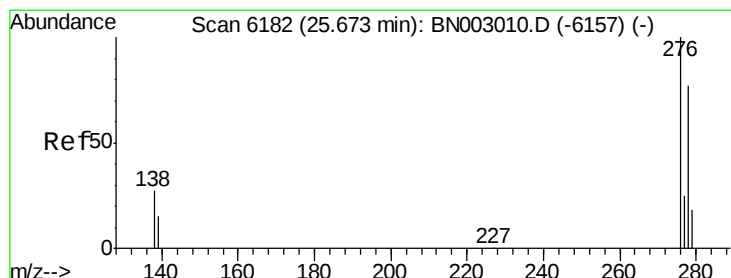
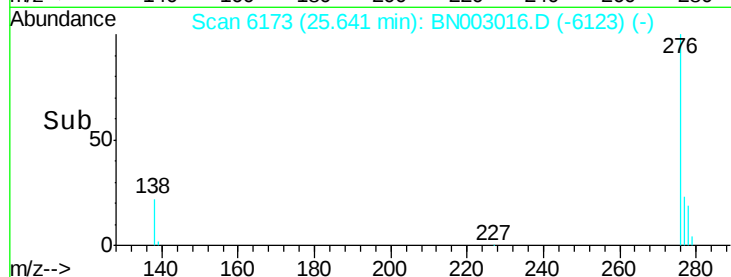
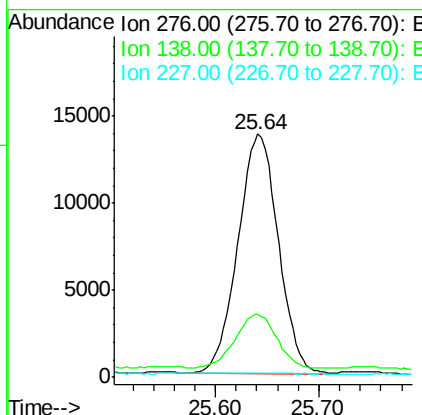
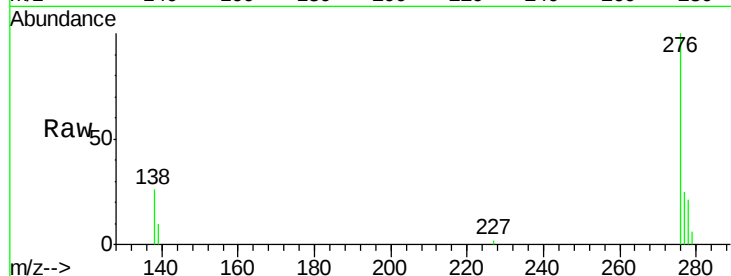


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.159 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.03 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

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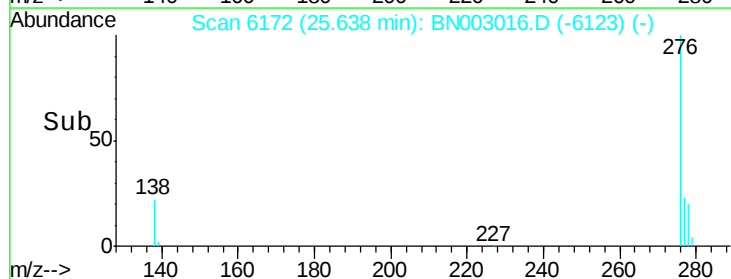
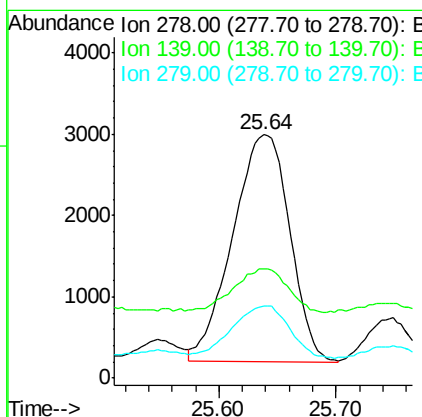
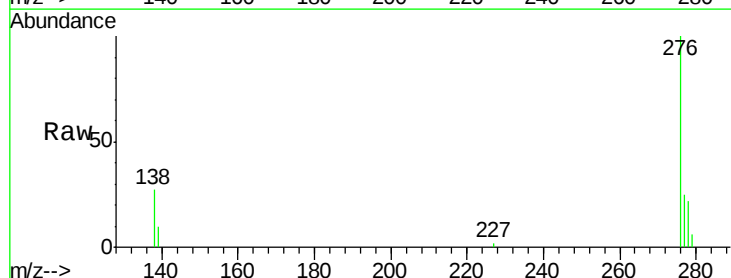
Tgt Ion: 276 Resp: 37318
Ion Ratio Lower Upper
276 100
138 23.5 21.5 32.3
227 0.6 0.3 0.5#

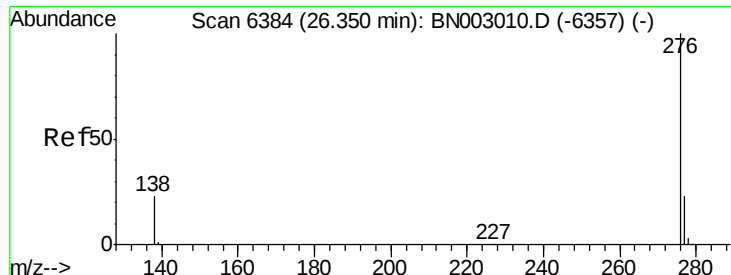


#25

Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.04 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion: 278 Resp: 9457
Ion Ratio Lower Upper
278 100
139 45.1 20.2 30.4#
279 29.4 23.8 35.8





#26

Benzo(g,h,i)perylene

Concen: 1.350 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.04 min

Lab File: BN003016.D

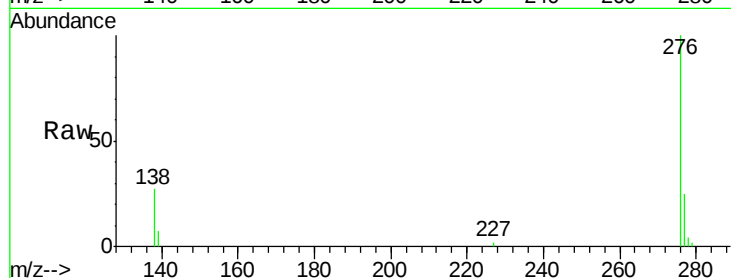
Acq: 09 Oct 2018 08:25

Instrument :

BNA_N

ClientSampleId :

JLC55



Tgt Ion: 276 Resp: 36629

Ion Ratio Lower Upper

276 100

138 26.8 23.0 34.4

277 25.0 22.0 33.0

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

