

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002803.D
 Acq On : 21 Sep 2018 00:58
 Operator : JU/SJ
 Sample : PB112858BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK58

Quant Time: Sep 21 04:02:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 04:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1797	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	7286	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	4044	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	627475	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	6898	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	4067	0.39	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

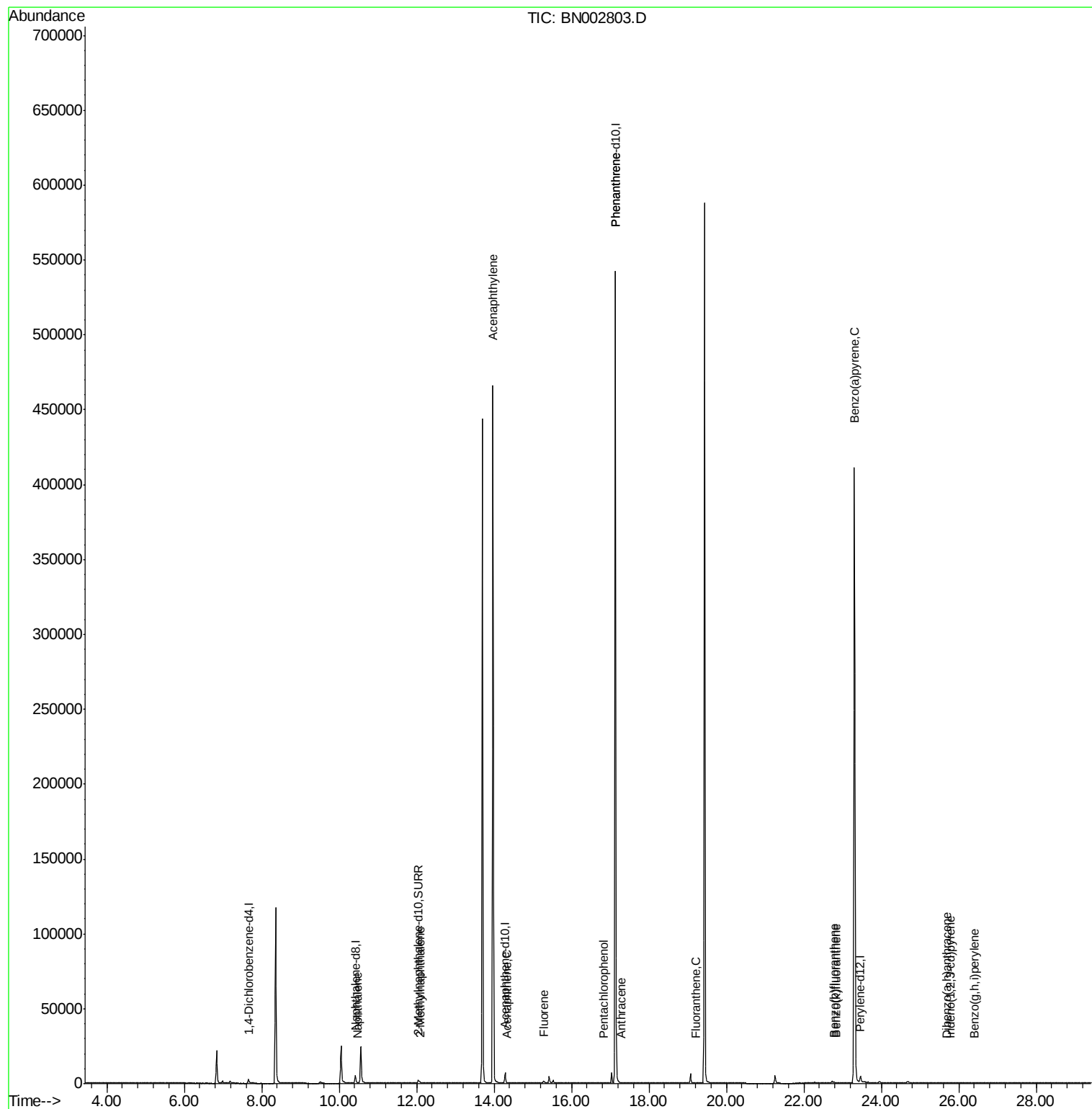
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	12	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.10	142	4	0.000	ng/ul#	64
7) Acenaphthylene	13.97	152	41	0.002	ng/ul#	1
8) Acenaphthene	14.34	153	5	0.000	ng/ul#	66
9) Fluorene	15.28	166	1078	0.072	ng/ul#	21
11) Pentachlorophenol	16.84	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.13	178	268	0.000	ng/ul#	1
13) Anthracene	17.29	178	2	0.000	ng/ul#	1
15) Fluoranthene	19.21	202	1	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	123	0.005	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	81	0.003	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	1924	0.088	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.78	276	82	0.003	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.70	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.39	276	4	0.000	ng/ul#	1

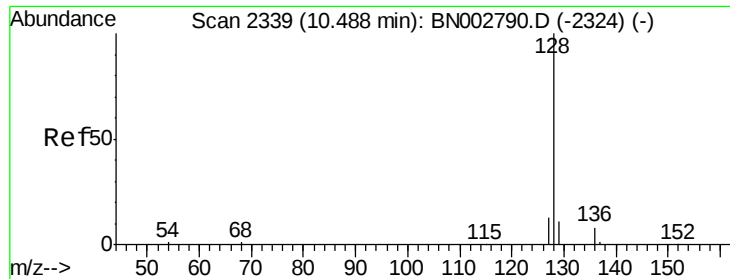
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Instrument :

BNA_N

ClientSampleId :

SBLK58

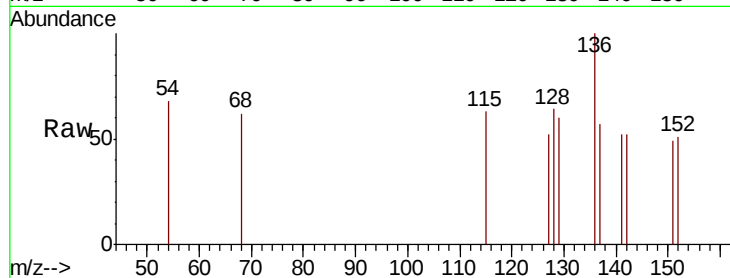
Tgt Ion:128 Resp: 12

Ion Ratio Lower Upper

128 100

129 94.8 8.0 12.0#

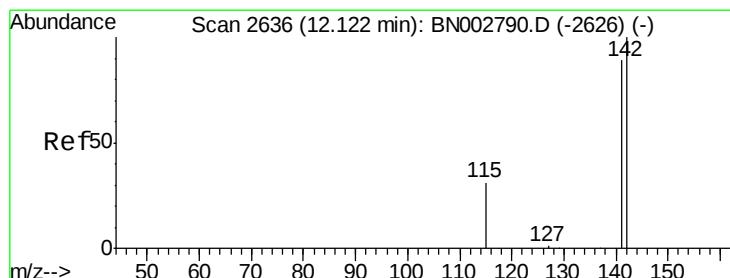
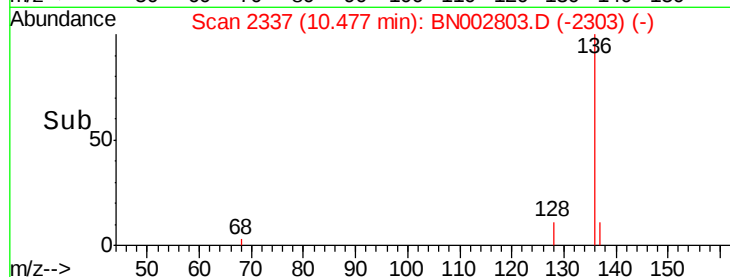
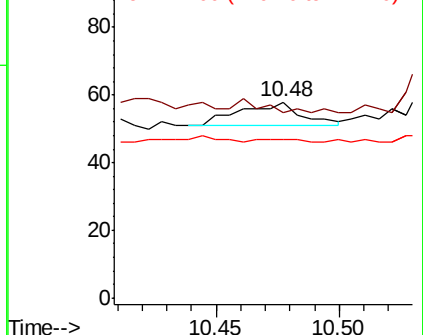
127 81.0 12.0 18.0#



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: 0.000 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.02 min

Lab File: BN002803.D

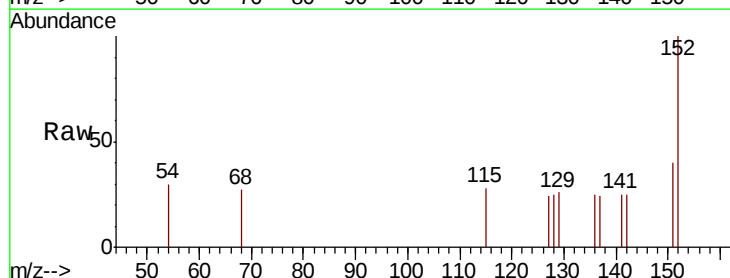
Acq: 21 Sep 2018 00:58

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

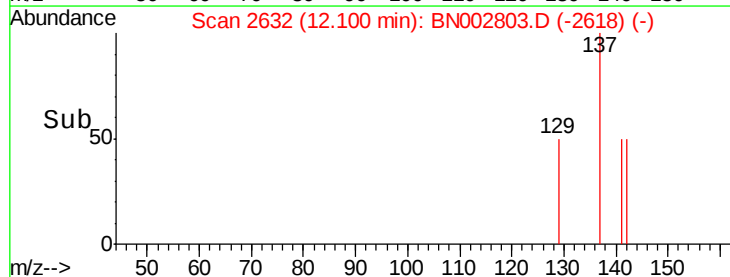
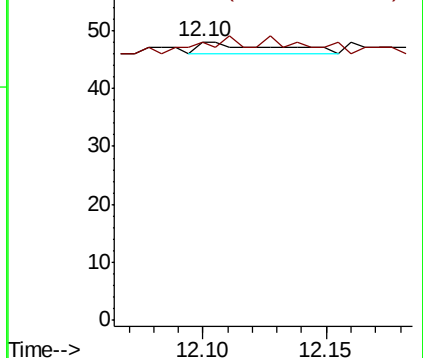
142 100

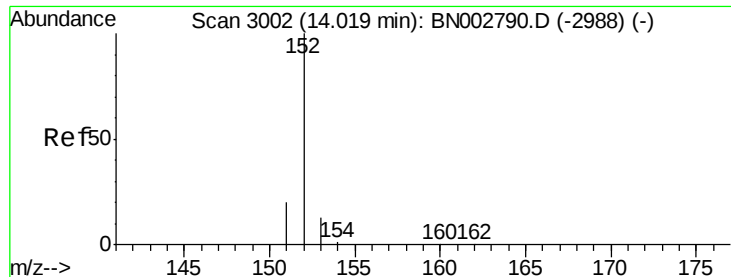
141 125.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.05 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Instrument :

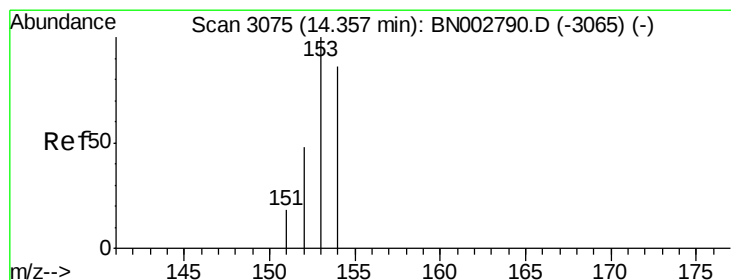
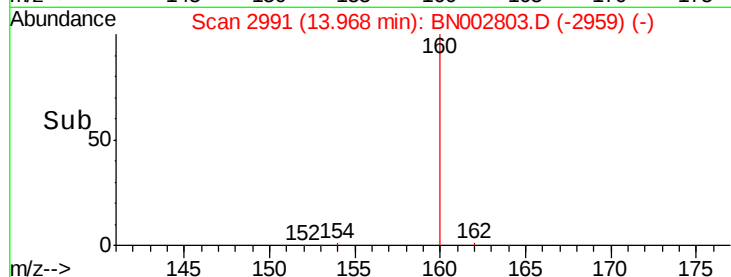
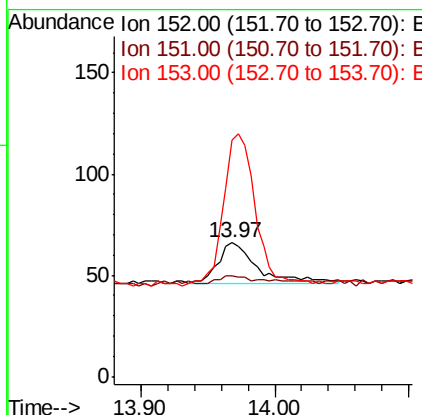
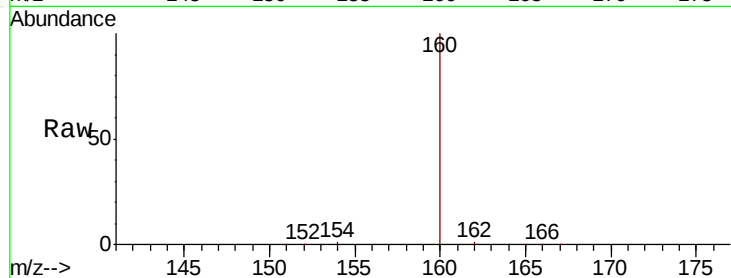
BNA_N

ClientSampleId :

SBLK58

Tgt Ion:152 Resp: 41

Ion	Ratio	Lower	Upper
152	100		
151	75.8	17.1	25.7#
153	177.3	12.8	19.2#



#8

Acenaphthene

Concen: 0.000 ng/ul

RT: 14.34 min Scan# 3072

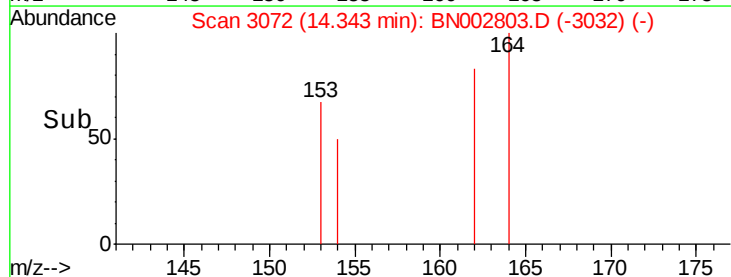
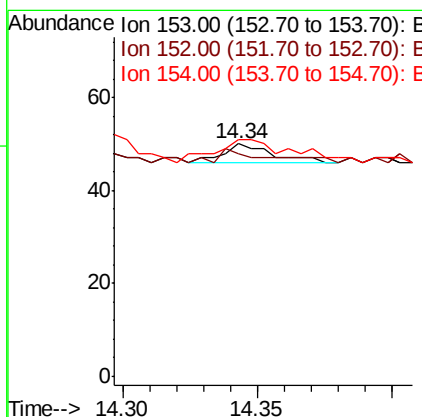
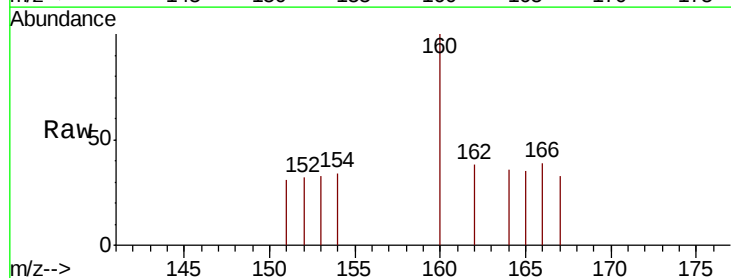
Delta R.T. -0.01 min

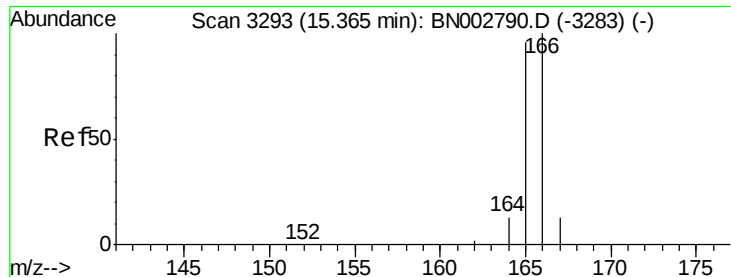
Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Tgt Ion:153 Resp: 5

Ion	Ratio	Lower	Upper
153	100		
152	96.0	36.0	54.0#
154	102.0	72.0	108.0





#9

Fluorene

Concen: 0.072 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.08 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Instrument :

BNA_N

ClientSampleId :

SBLK58

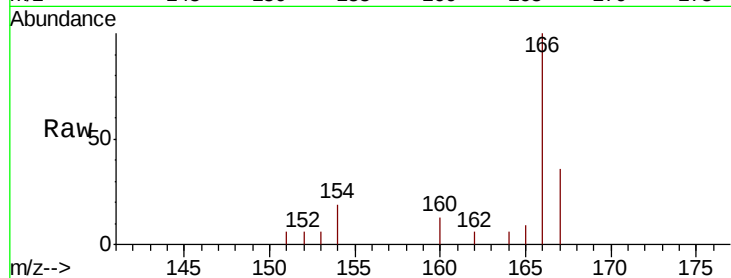
Tgt Ion:166 Resp: 1078

Ion Ratio Lower Upper

166 100

165 9.3 73.4 110.2#

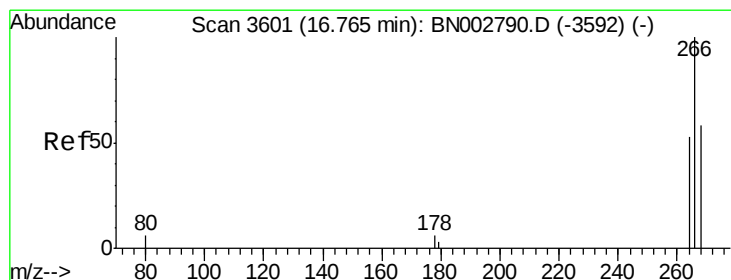
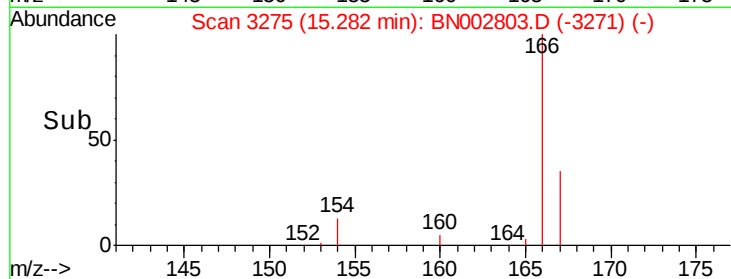
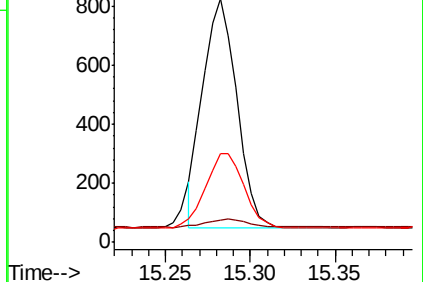
167 36.2 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.84 min Scan# 3618

Delta R.T. 0.07 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

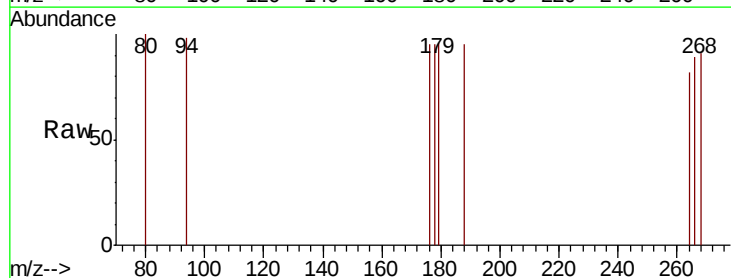
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

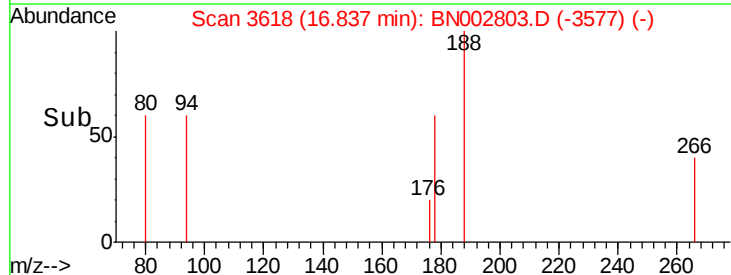
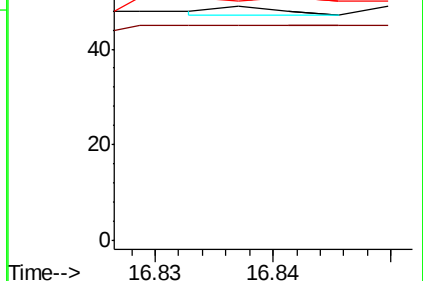
268 300.0 49.8 74.8#

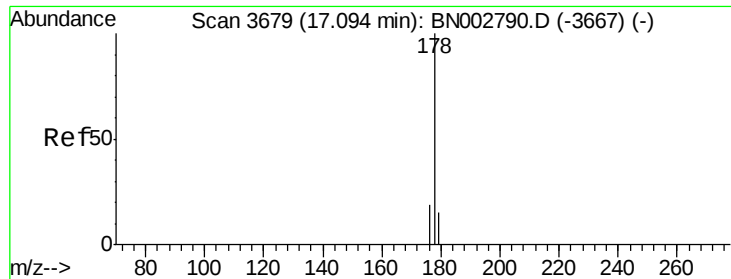


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.04 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Instrument :

BNA_N

ClientSampleId :

SBLK58

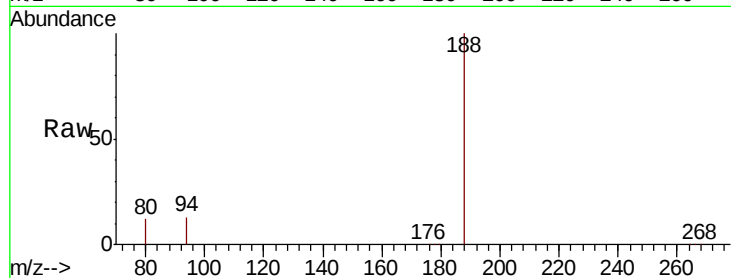
Tgt Ion:178 Resp: 268

Ion Ratio Lower Upper

178 100

179 251.0 18.4 27.6#

176 26.0 13.6 20.4#



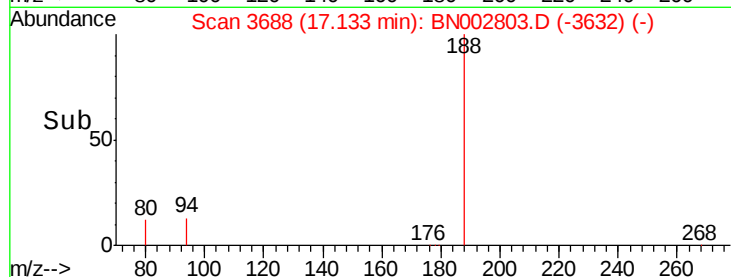
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

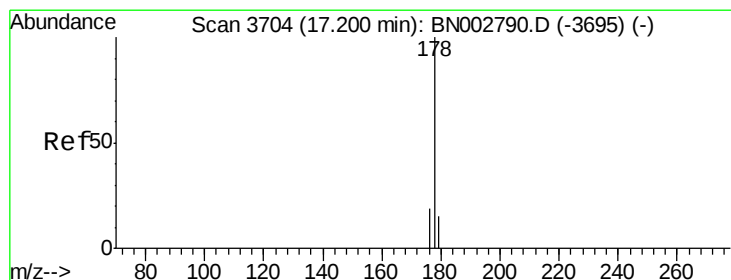
Ion 176.00 (175.70 to 176.70): E

17.13

Time-->



Time-->



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.29 min Scan# 3725

Delta R.T. 0.09 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

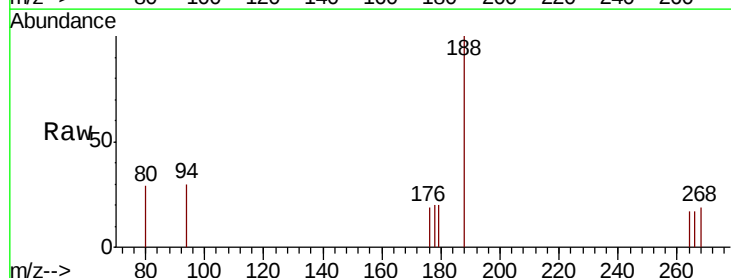
Tgt Ion:178 Resp: 2

Ion Ratio Lower Upper

178 100

179 103.8 18.1 27.1#

176 96.2 14.7 22.1#



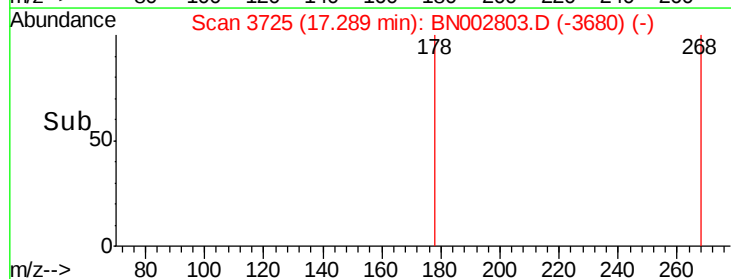
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

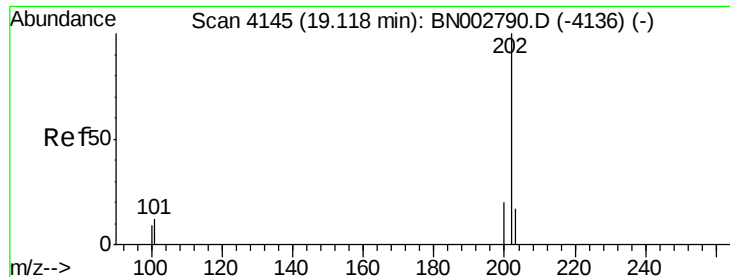
Ion 176.00 (175.70 to 176.70): E

17.29

Time-->



Time-->



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.21 min Scan# 4165

Delta R.T. 0.09 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

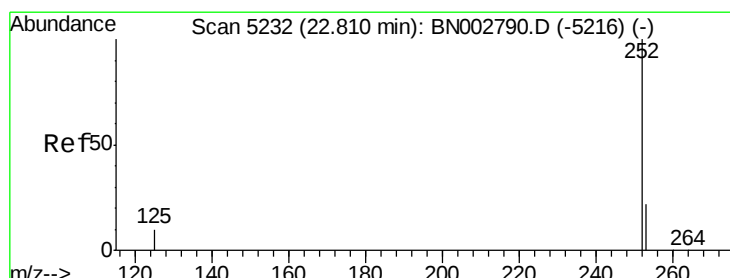
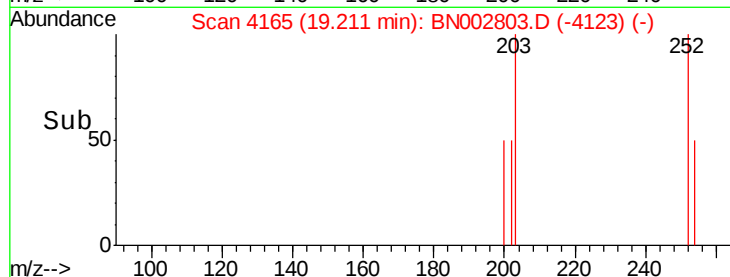
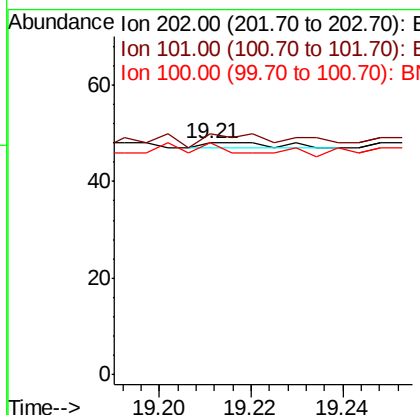
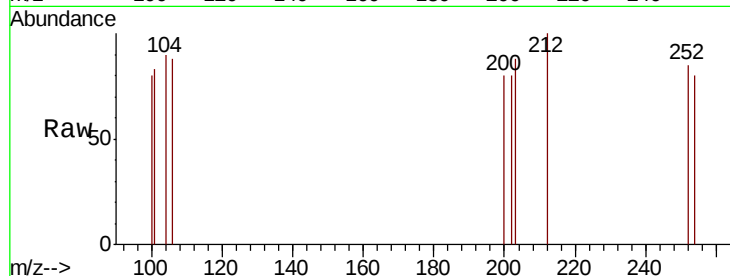
Instrument :

BNA_N

ClientSampleId :

SBLK58

Tgt Ion:	202	Resp:	1
Ion	Ratio	Lower	Upper
202	100		
101	104.2	0.0	30.0#
100	100.0	0.0	30.0#



#21

Benzo(b)fluoranthene

Concen: 0.005 ng/ul

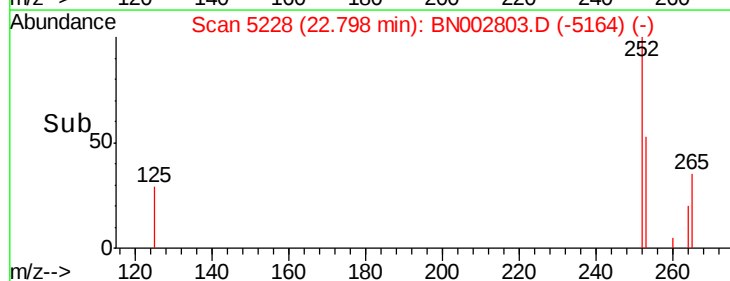
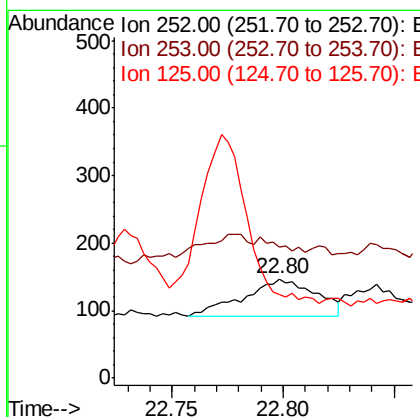
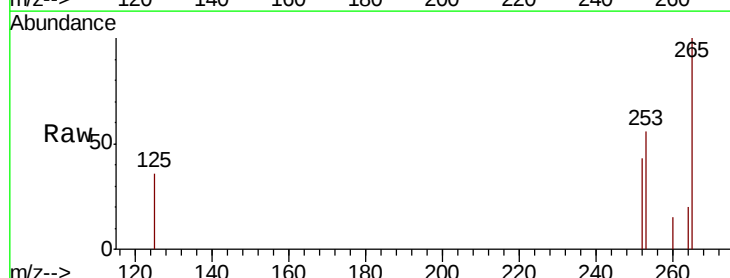
RT: 22.80 min Scan# 5228

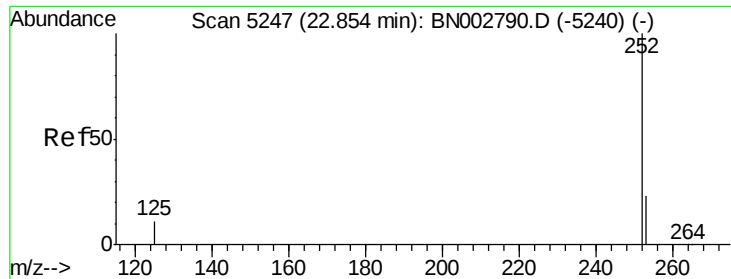
Delta R.T. -0.01 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Tgt Ion:	252	Resp:	123
Ion	Ratio	Lower	Upper
252	100		
253	131.3	0.0	64.2#
125	83.7	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.003 ng/u1

RT: 22.84 min Scan# 5243

Delta R.T. -0.01 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

Instrument :

BNA_N

ClientSampleId :

SBLK58

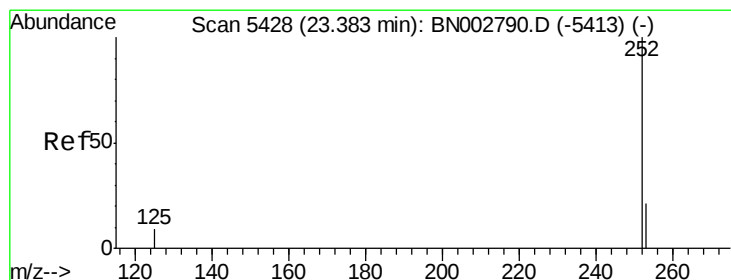
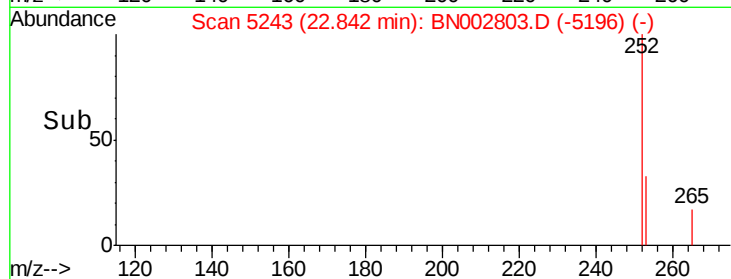
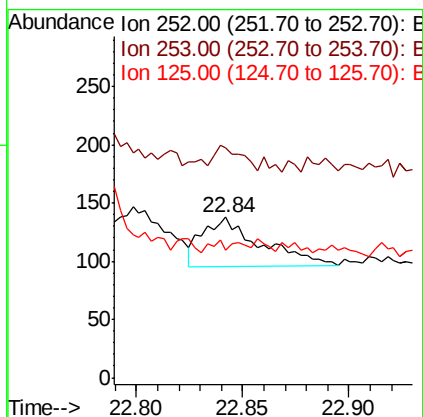
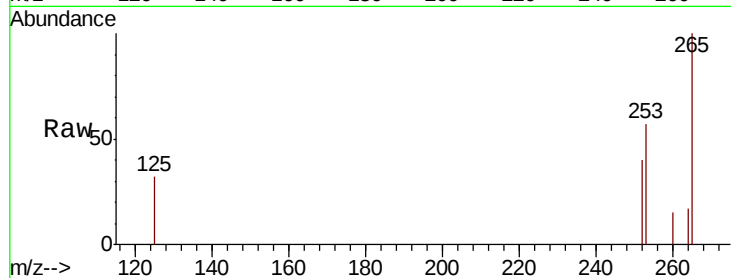
Tgt Ion:252 Resp: 81

Ion Ratio Lower Upper

252 100

253 142.8 24.5 36.7#

125 79.7 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.088 ng/u1

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002803.D

Acq: 21 Sep 2018 00:58

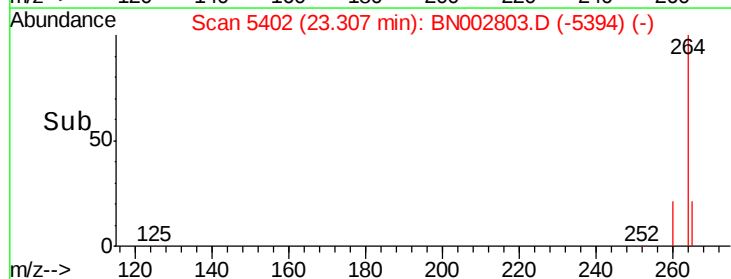
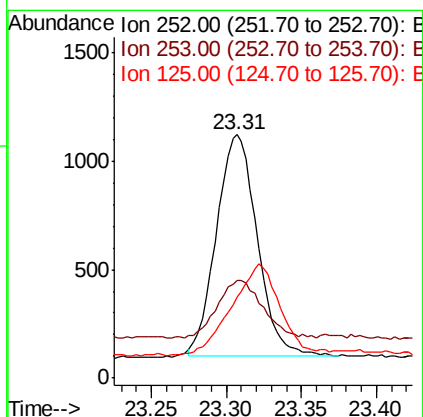
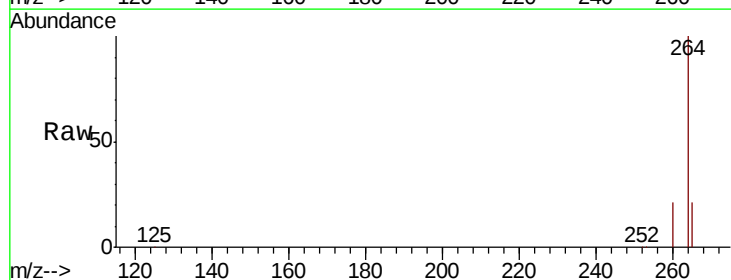
Tgt Ion:252 Resp: 1924

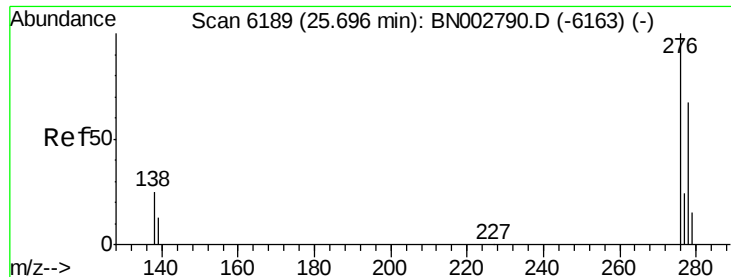
Ion Ratio Lower Upper

252 100

253 40.2 16.0 24.0#

125 33.5 12.0 18.0#



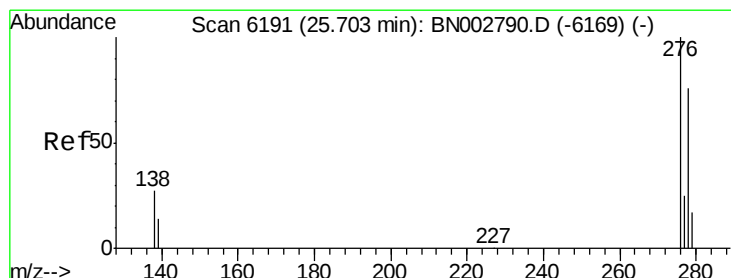
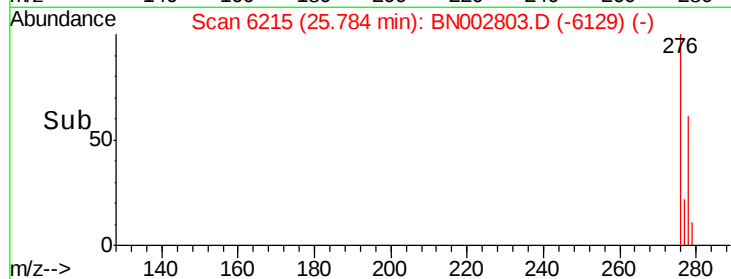
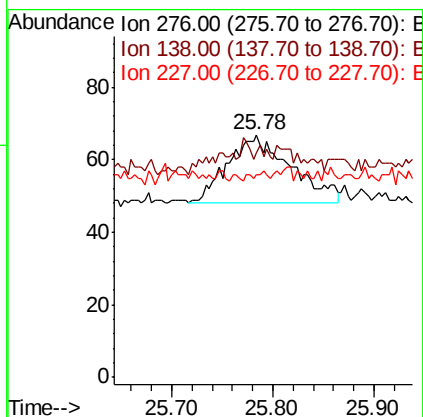
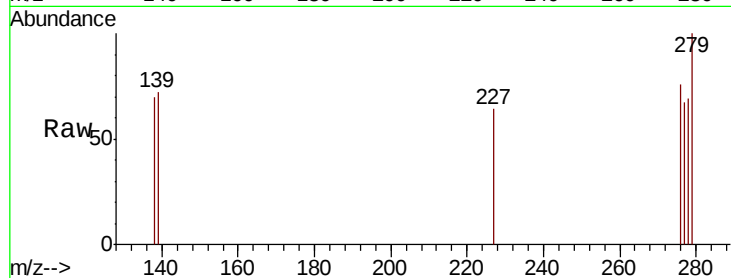


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng/u1
RT: 25.78 min Scan# 6215
Delta R.T. 0.09 min
Lab File: BN002803.D
Acq: 21 Sep 2018 00:58

Instrument :
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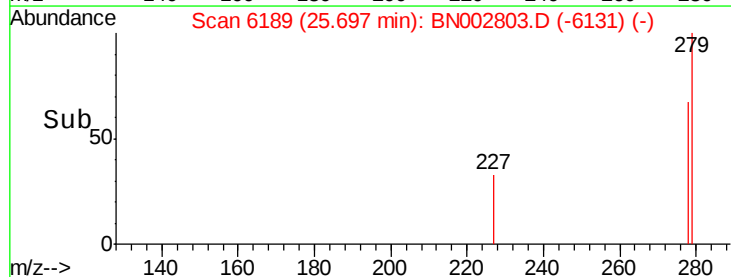
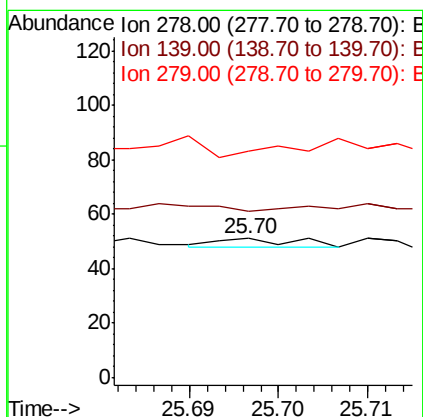
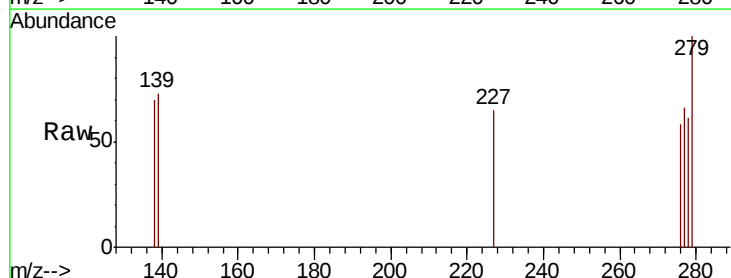
Tgt Ion: 276 Resp: 82
Ion Ratio Lower Upper
276 100
138 0.0 28.0 42.0#
227 2.4 0.8 1.2#

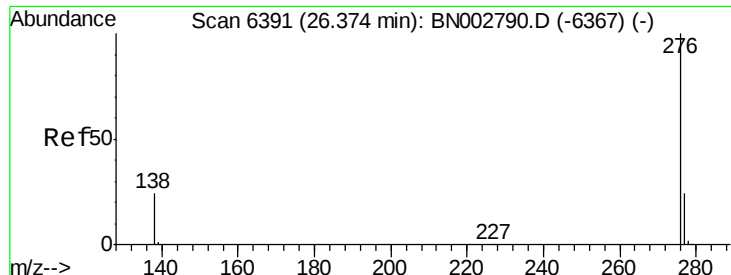


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.70 min Scan# 6189
Delta R.T. -0.01 min
Lab File: BN002803.D
Acq: 21 Sep 2018 00:58

Tgt Ion: 278 Resp: 2
Ion Ratio Lower Upper
278 100
139 119.6 17.4 26.0#
279 162.7 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.39 min Scan# 6396

Delta R.T. 0.02 min

Lab File: BN002803.D

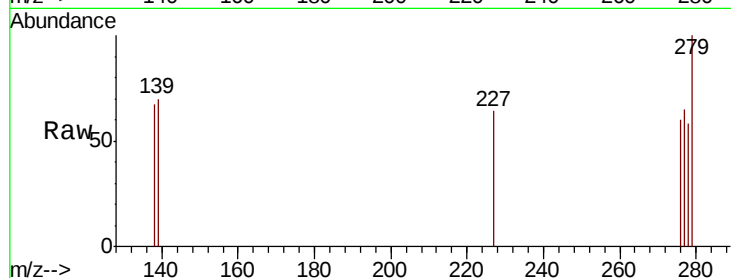
Acq: 21 Sep 2018 00:58

Instrument :

BNA_N

ClientSampleId :

SBLK58



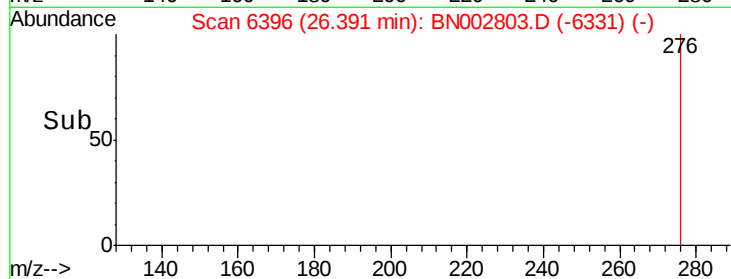
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

138 111.5 21.8 32.8#

277 107.7 20.5 30.7#



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

