

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002801.D
 Acq On : 20 Sep 2018 23:48
 Operator : JU/SJ
 Sample : PB112857BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK57

Quant Time: Sep 21 04:02:10 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	1705	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6323	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3253	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	494955	0.40	ng/ul	0.08
16) Chrysene-d12	21.26	240	4264	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	7091	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	3156	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

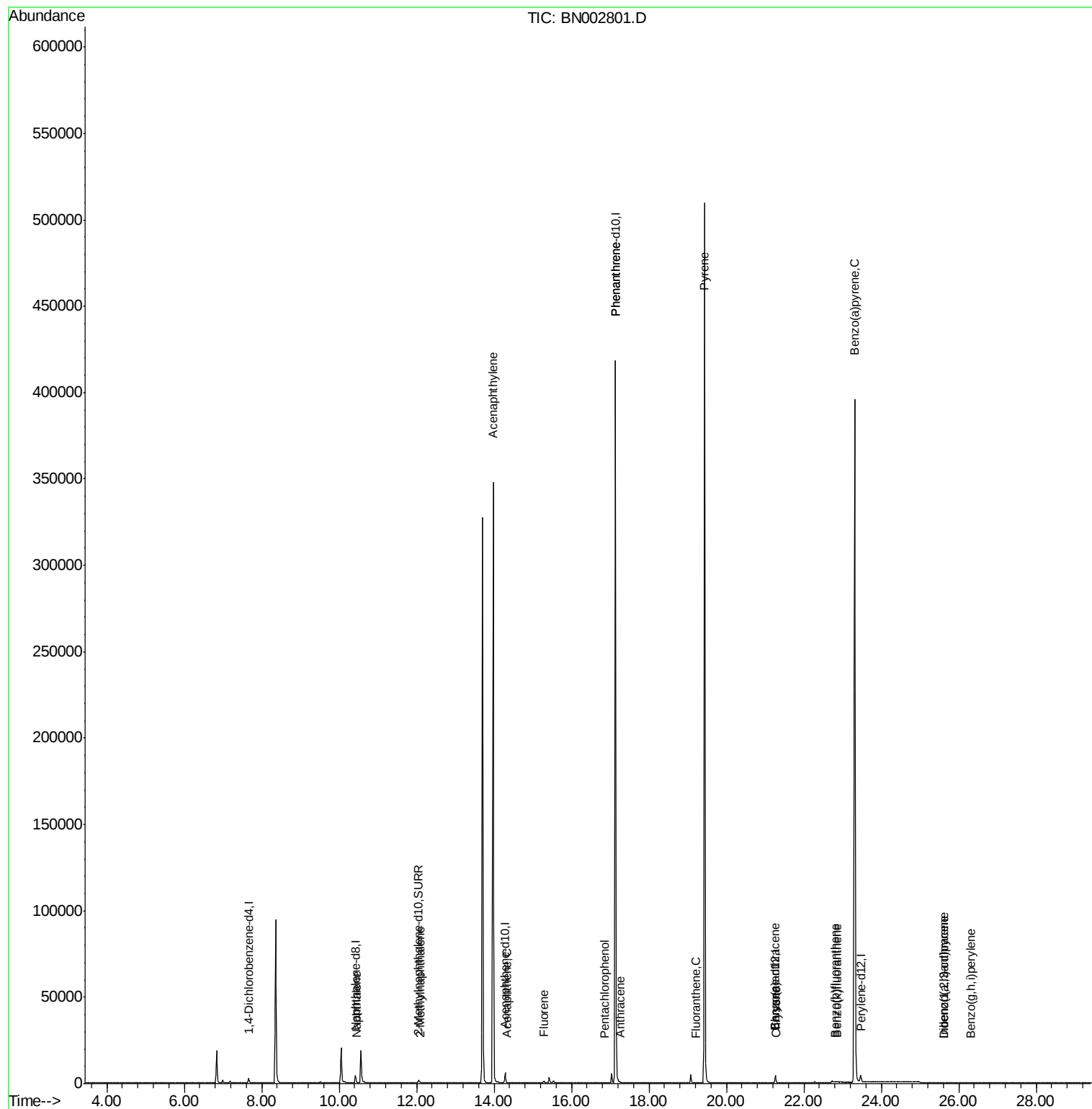
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	16	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.11	142	2	0.000	ng/ul#	37
7) Acenaphthylene	13.97	152	44	0.003	ng/ul#	1
8) Acenaphthene	14.33	153	4	0.000	ng/ul#	67
9) Fluorene	15.28	166	830	0.069	ng/ul#	22
11) Pentachlorophenol	16.85	266	2	0.000	ng/ul#	1
12) Phenanthrene	17.13	178	206	0.000	ng/ul#	1
13) Anthracene	17.27	178	2	0.000	ng/ul#	1
15) Fluoranthene	19.21	202	2	0.000	ng/ul#	1
17) Pyrene	19.43	202	763	0.055	ng/ul#	1
18) Benzo(a)anthracene	21.27	228	49	0.004	ng/ul#	1
19) Chrysene	21.30	228	45	0.003	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	131	0.006	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	64	0.003	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	1874	0.083	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.61	276	5	0.000	ng/ul#	56
25) Dibenzo(a,h)anthracene	25.62	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.32	276	2	0.000	ng/ul#	1

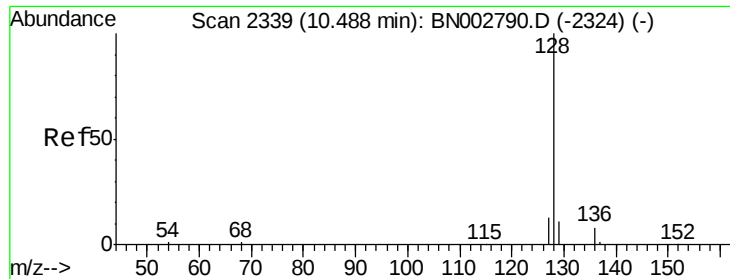
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
Data File : BN002801.D
Acq On : 20 Sep 2018 23:48
Operator : JU/SJ
Sample : PB112857BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK57

Quant Time: Sep 21 04:02:10 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





#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.03 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

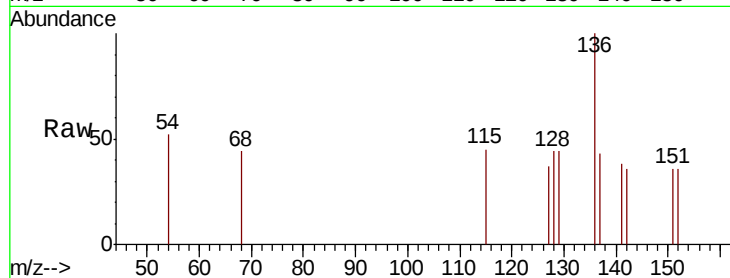
Tgt Ion:128 Resp: 16

Ion Ratio Lower Upper

128 100

129 100.0 8.0 12.0#

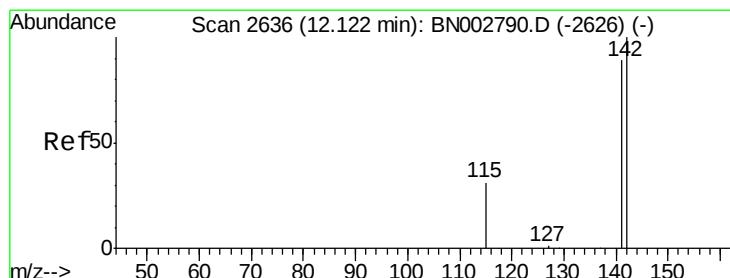
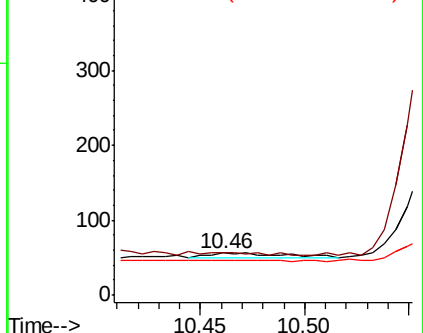
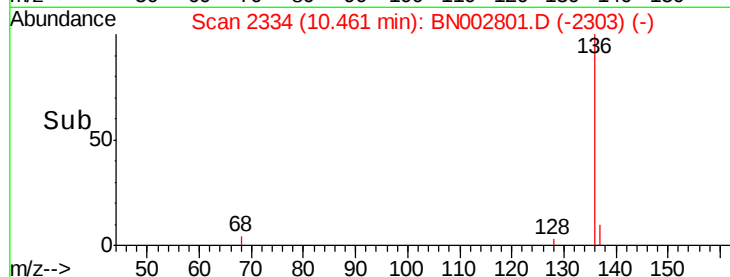
127 83.9 12.0 18.0#



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: 12.11 min Scan# 2633

Delta R.T. -0.02 min

Lab File: BN002801.D

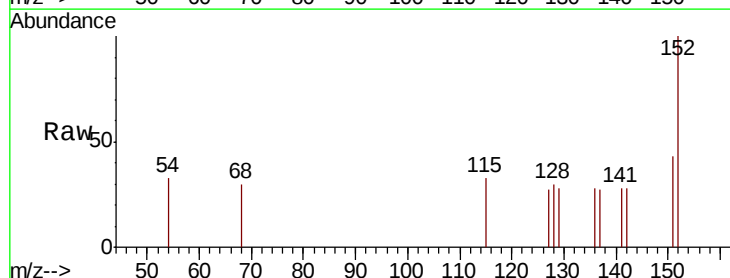
Acq: 20 Sep 2018 23:48

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

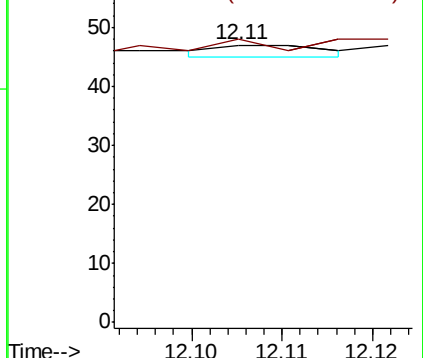
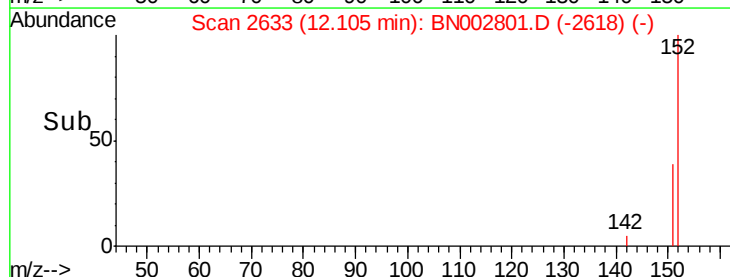
142 100

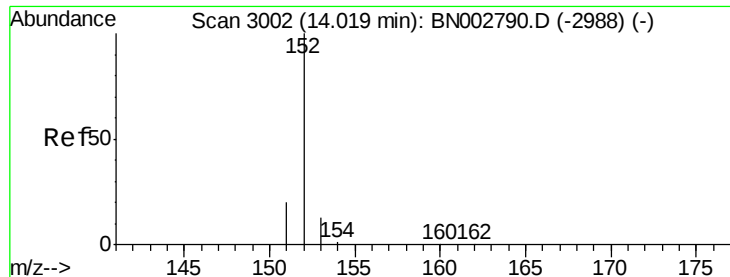
141 150.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.05 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

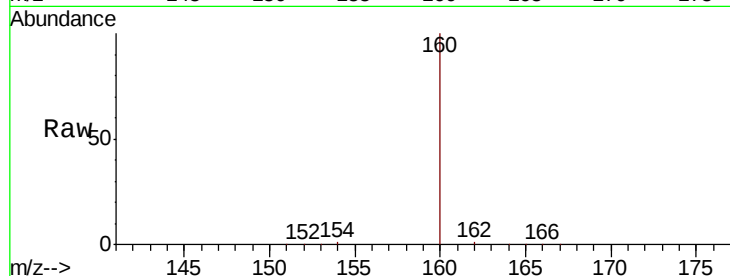
Tgt Ion:152 Resp: 44

Ion Ratio Lower Upper

152 100

151 73.1 17.1 25.7#

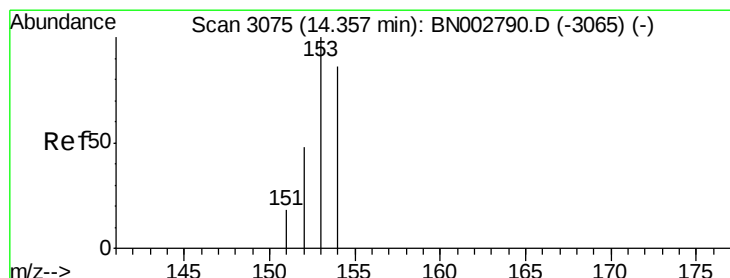
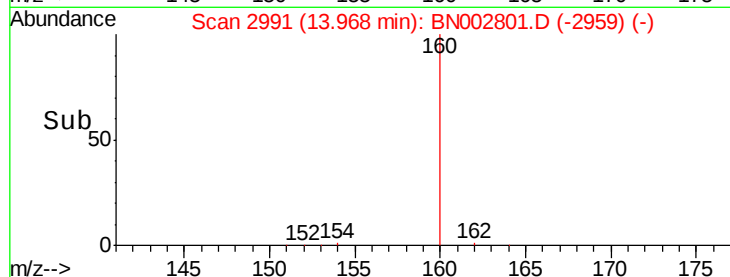
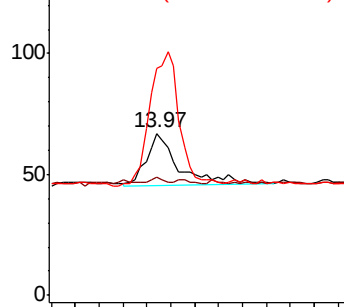
153 140.3 12.8 19.2#



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: 0.000 ng/ul

RT: 14.33 min Scan# 3069

Delta R.T. -0.03 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

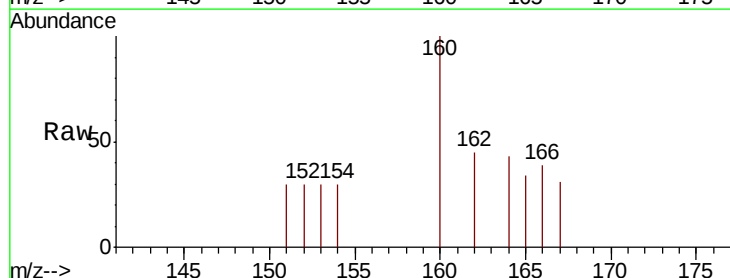
Tgt Ion:153 Resp: 4

Ion Ratio Lower Upper

153 100

152 97.9 36.0 54.0#

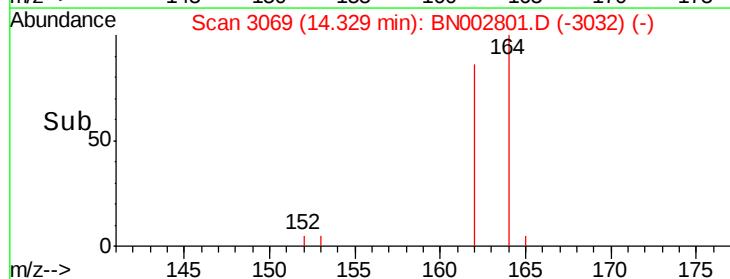
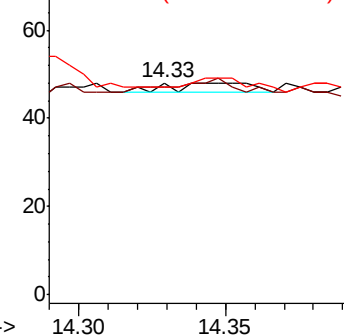
154 97.9 72.0 108.0

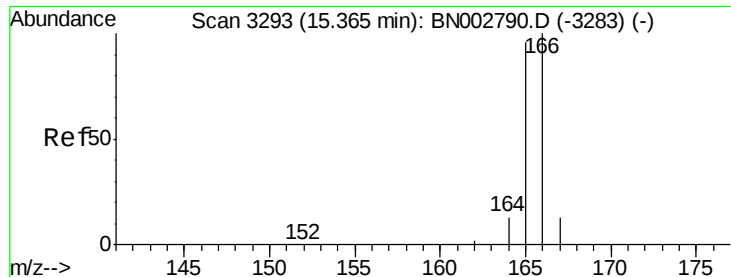


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.069 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.08 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

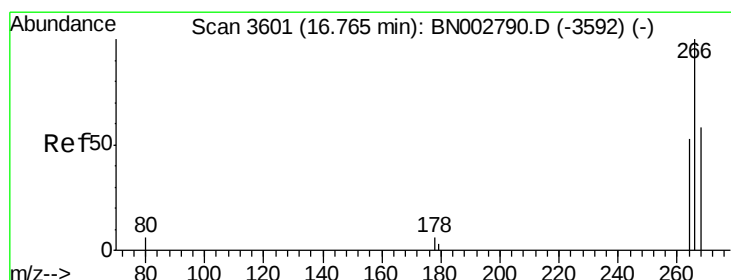
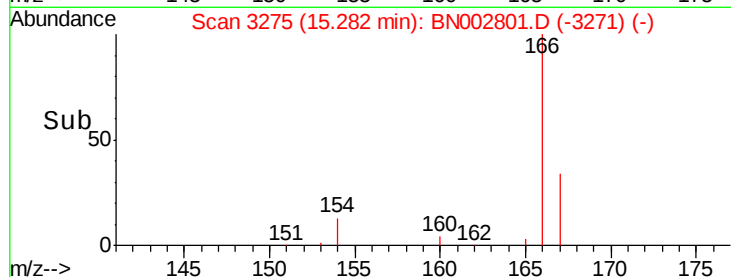
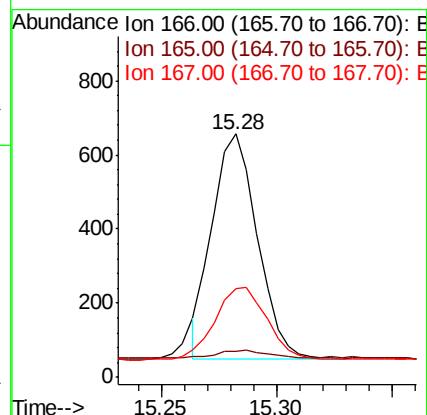
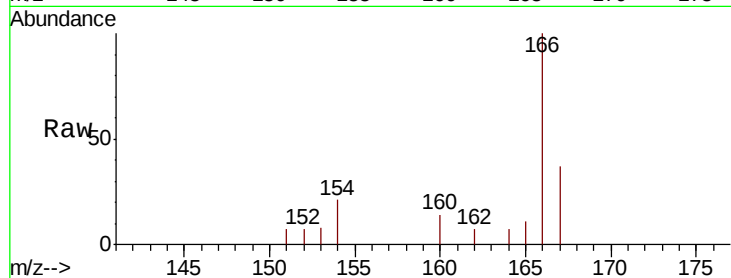
Tgt Ion:166 Resp: 830

Ion Ratio Lower Upper

166 100

165 10.8 73.4 110.2#

167 36.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.85 min Scan# 3620

Delta R.T. 0.08 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

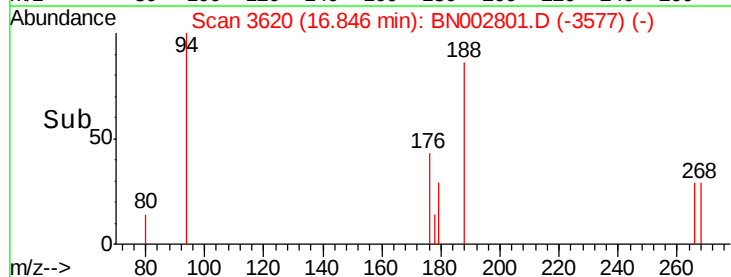
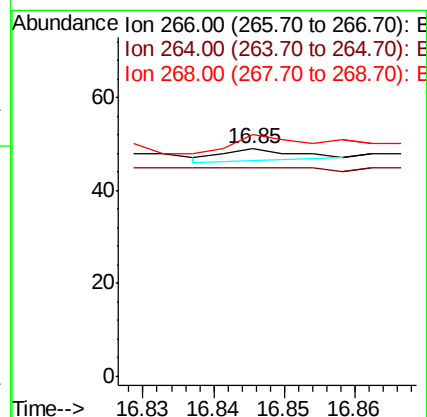
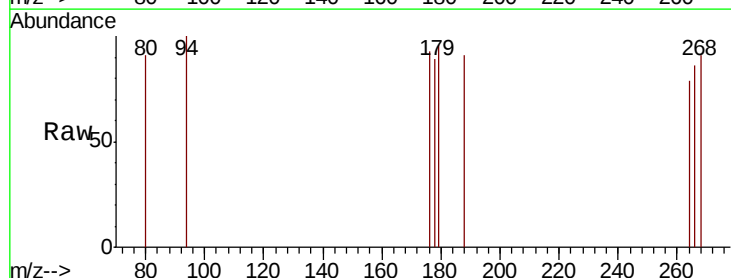
Tgt Ion:266 Resp: 2

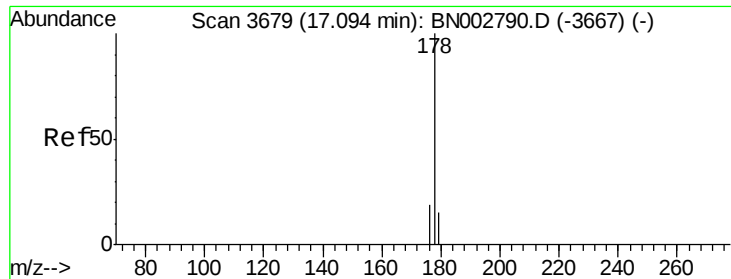
Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

268 250.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.04 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

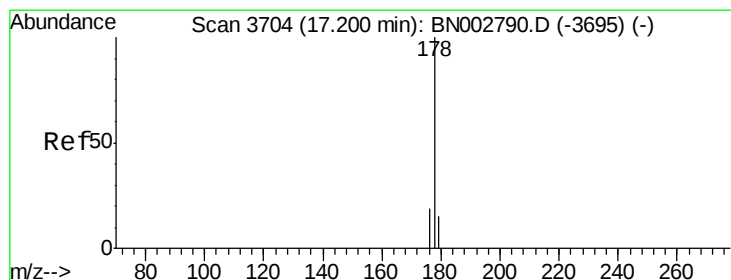
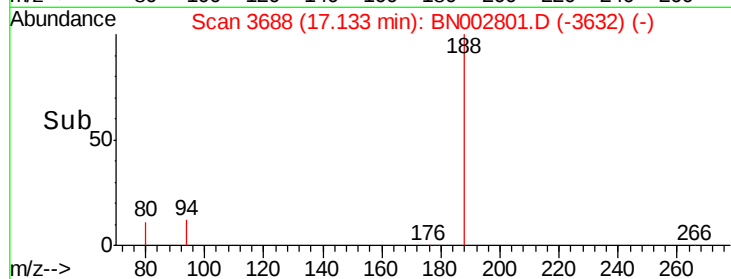
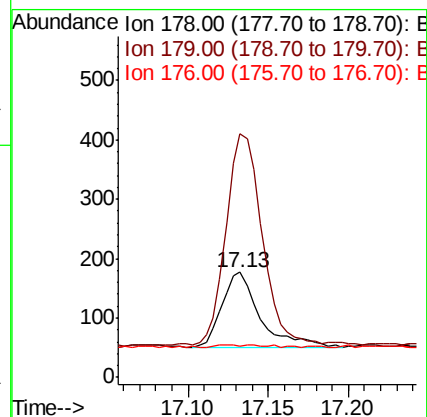
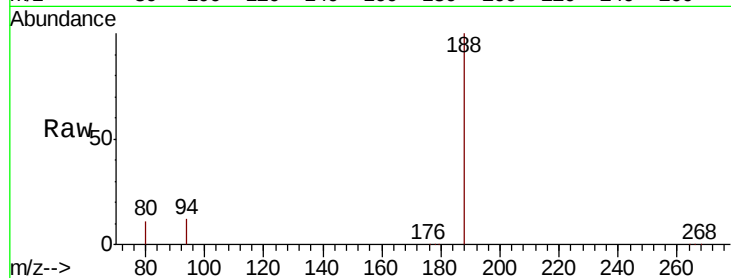
Tgt Ion:178 Resp: 206

Ion Ratio Lower Upper

178 100

179 231.6 18.4 27.6#

176 29.9 13.6 20.4#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. 0.07 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

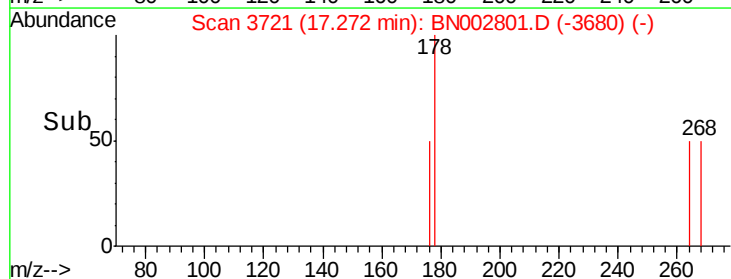
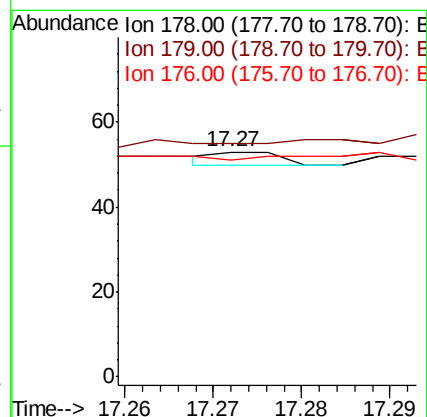
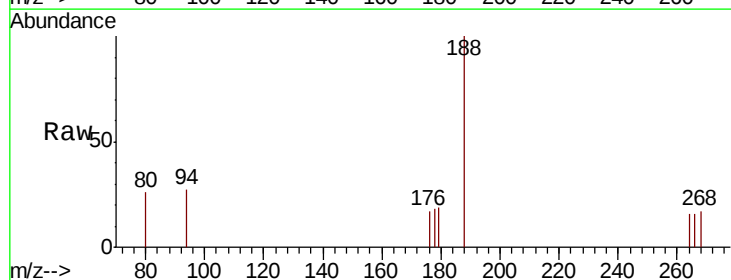
Tgt Ion:178 Resp: 2

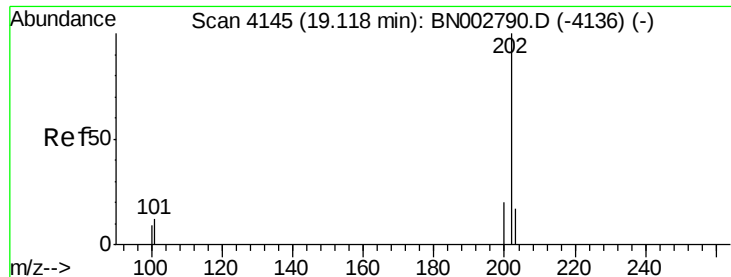
Ion Ratio Lower Upper

178 100

179 103.8 18.1 27.1#

176 96.2 14.7 22.1#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.21 min Scan# 4165

Delta R.T. 0.09 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

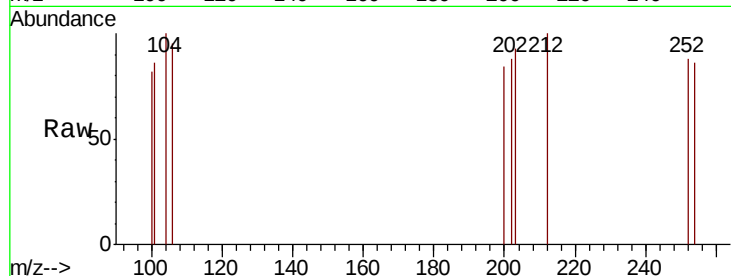
Instrument :

BNA_N

ClientSampleId :

SBLK57

Tgt Ion:	202	Resp:	2
Ion	Ratio	Lower	Upper
202	100		
101	98.0	0.0	30.0#
100	94.0	0.0	30.0#



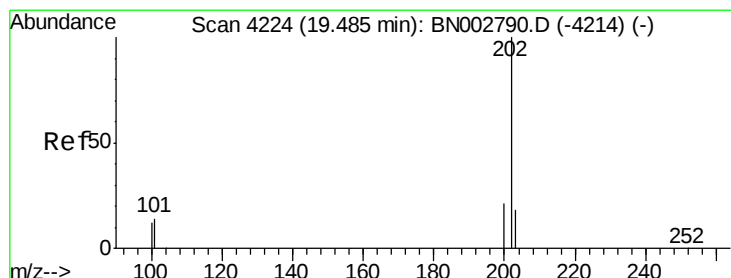
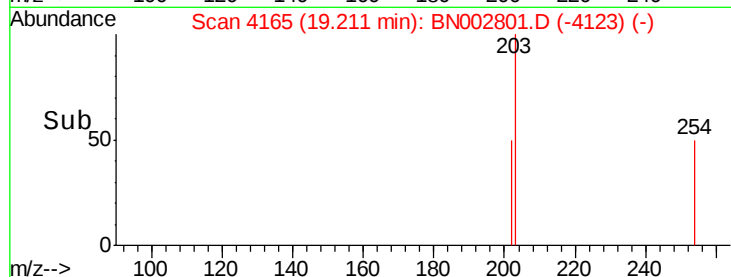
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.21

Time--> 19.20 19.21 19.22



#17

Pyrene

Concen: 0.055 ng/ul

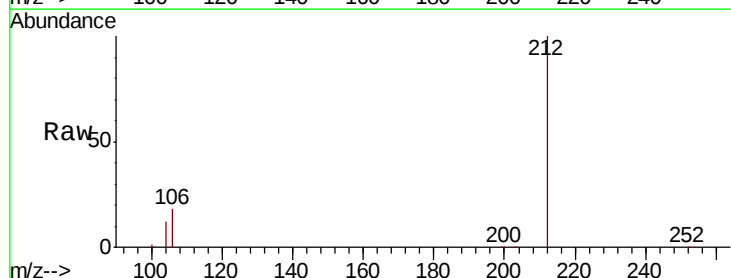
RT: 19.43 min Scan# 4213

Delta R.T. -0.05 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Tgt Ion:	202	Resp:	763
Ion	Ratio	Lower	Upper
202	100		
101	142.8	12.0	18.0#
100	901.9	8.0	12.0#



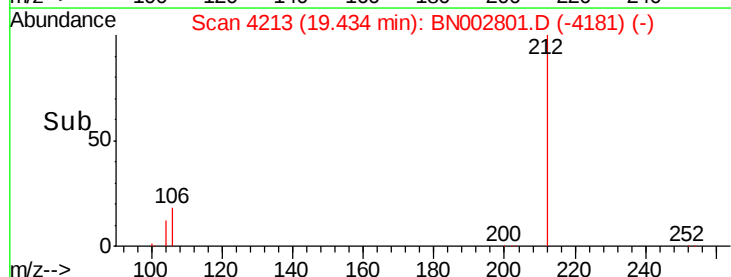
Abundance Ion 202.00 (201.70 to 202.70): E

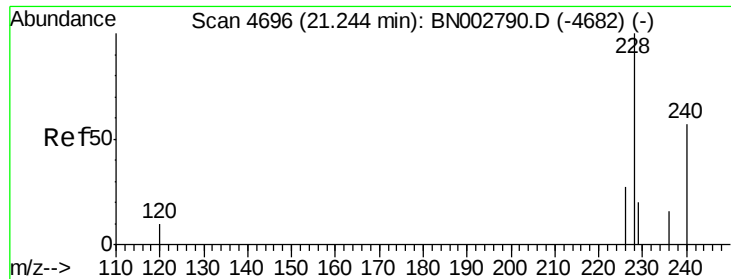
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.43

Time--> 19.40 19.50





#18

Benzo(a)anthracene

Concen: 0.004 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. 0.02 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

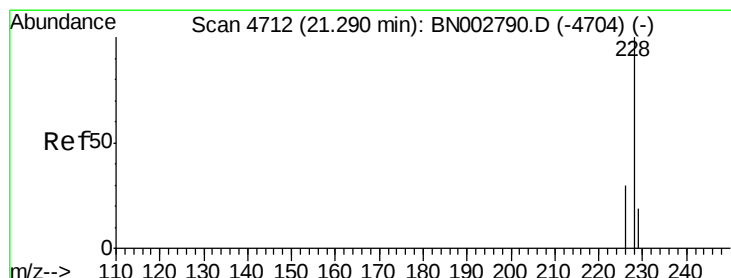
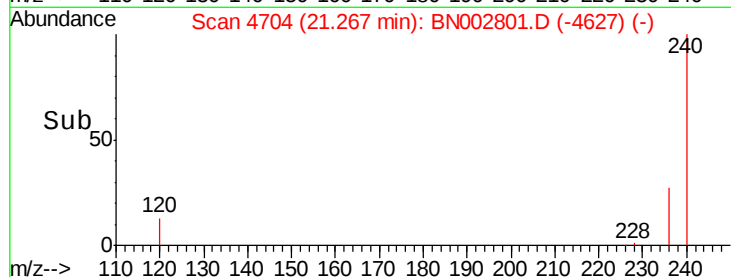
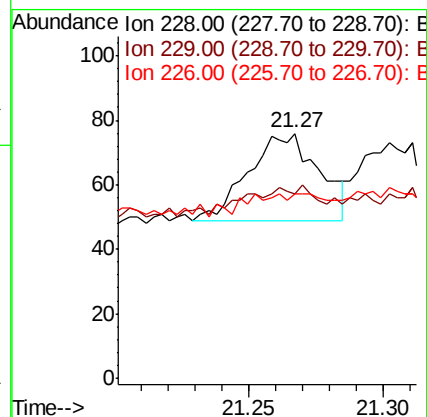
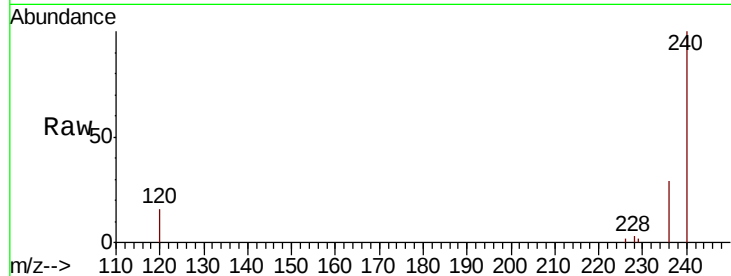
Tgt Ion:228 Resp: 49

Ion Ratio Lower Upper

228 100

229 75.0 22.8 34.2#

226 75.0 17.0 25.6#



#19

Chrysene

Concen: 0.003 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.01 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

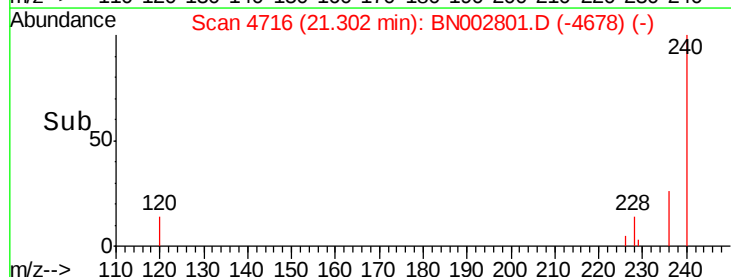
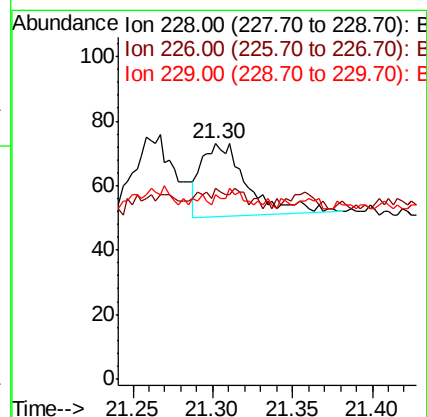
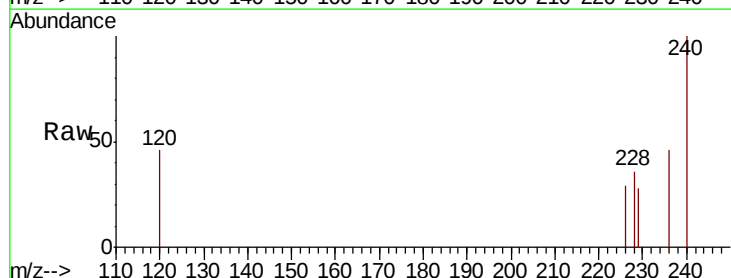
Tgt Ion:228 Resp: 45

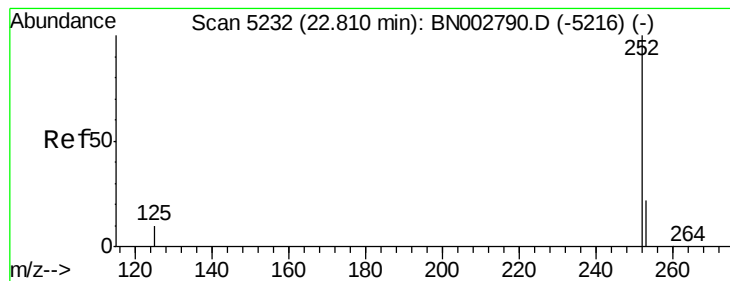
Ion Ratio Lower Upper

228 100

226 80.8 23.4 35.0#

229 78.1 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.006 ng/u1

RT: 22.80 min Scan# 5230

Delta R.T. -0.01 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

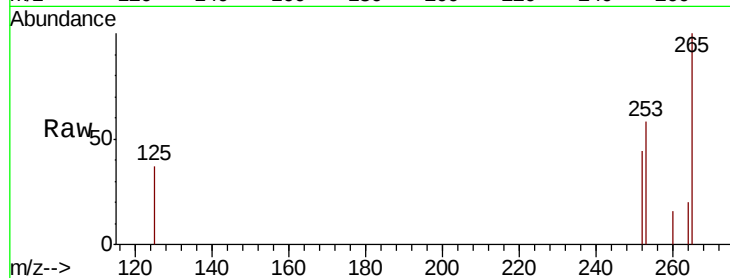
Tgt Ion:252 Resp: 131

Ion Ratio Lower Upper

252 100

253 132.2 0.0 64.2#

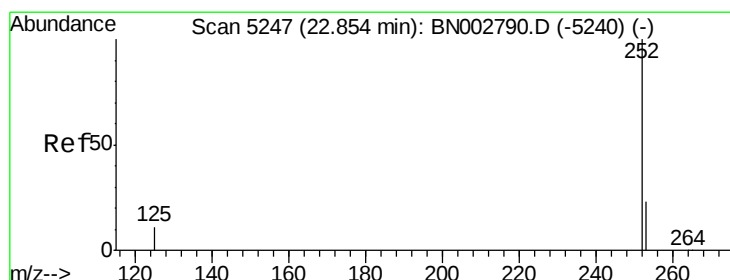
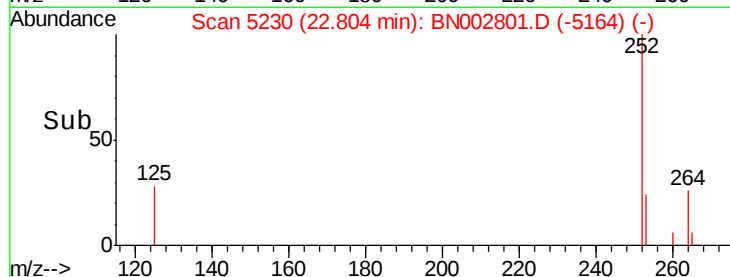
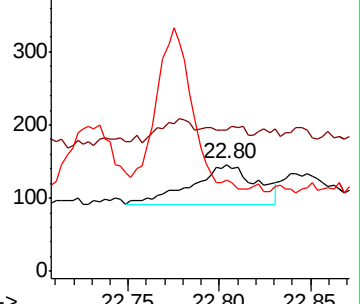
125 84.9 0.0 35.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.003 ng/u1

RT: 22.84 min Scan# 5242

Delta R.T. -0.01 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

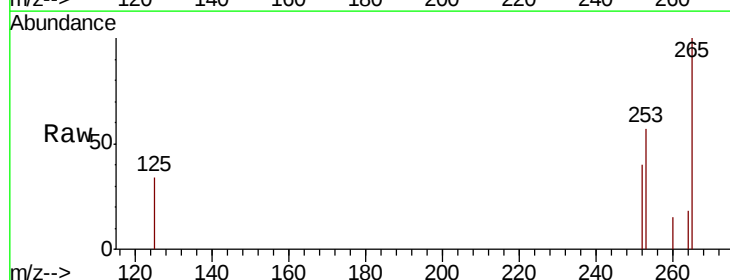
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

253 142.9 24.5 36.7#

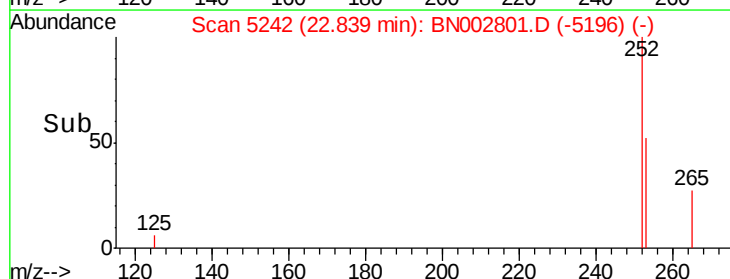
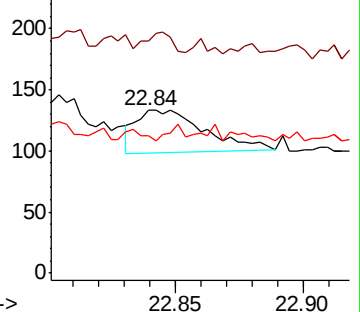
125 84.2 13.7 20.5#

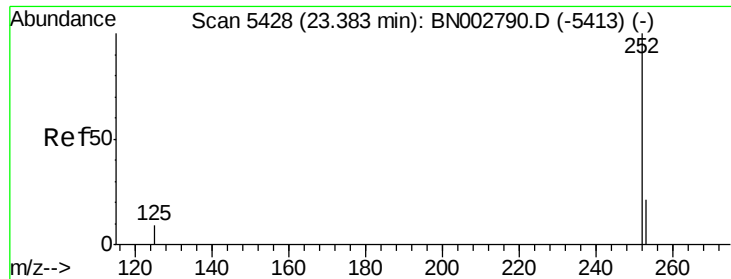


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.083 ng/u1

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Instrument :

BNA_N

ClientSampleId :

SBLK57

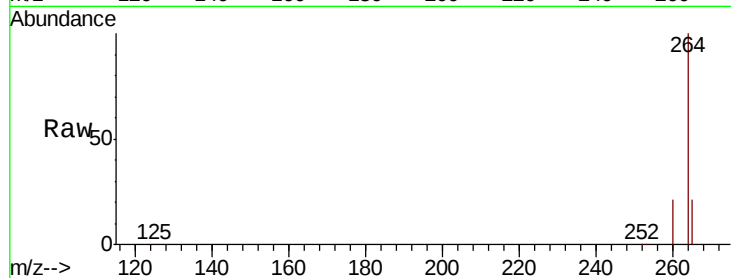
Tgt Ion:252 Resp: 1874

Ion Ratio Lower Upper

252 100

253 38.5 16.0 24.0#

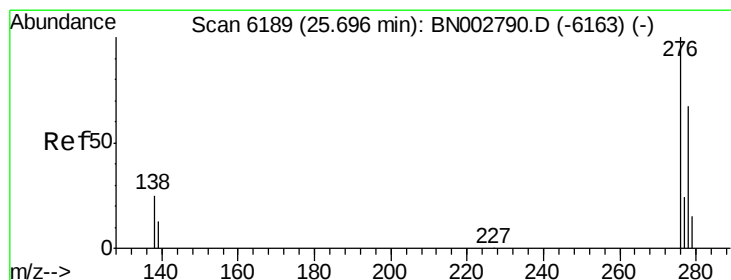
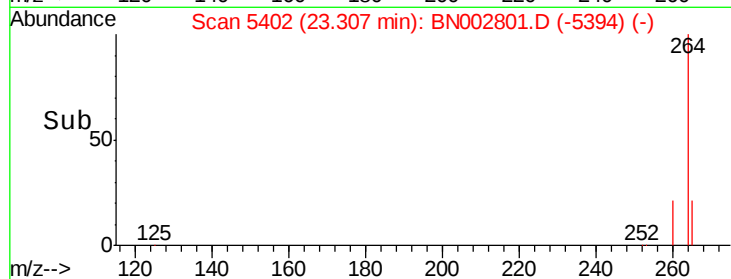
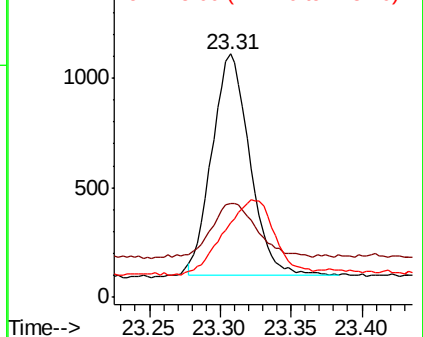
125 30.7 12.0 18.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng/u1

RT: 25.61 min Scan# 6163

Delta R.T. -0.09 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

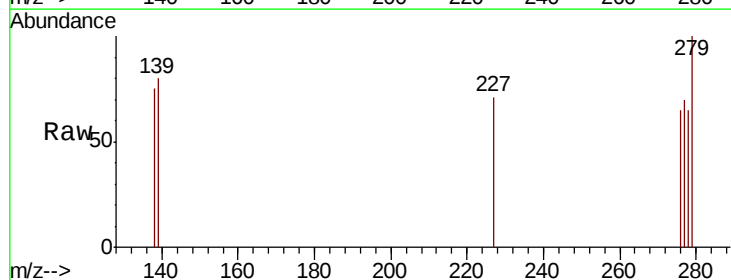
Tgt Ion:276 Resp: 5

Ion Ratio Lower Upper

276 100

138 60.0 28.0 42.0#

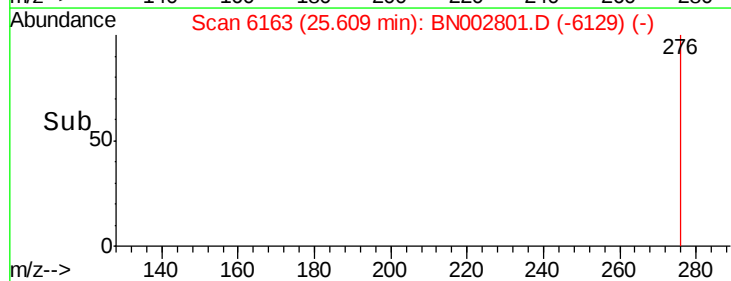
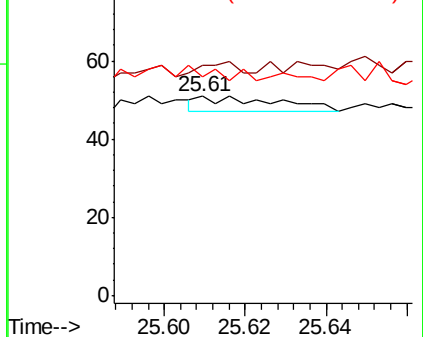
227 40.0 0.8 1.2#

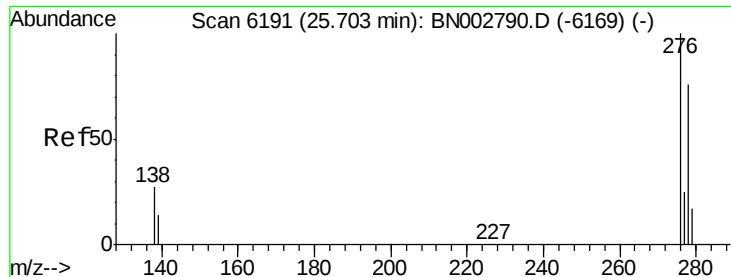


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.000 ng/u1

RT: 25.62 min Scan# 6166

Delta R.T. -0.08 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

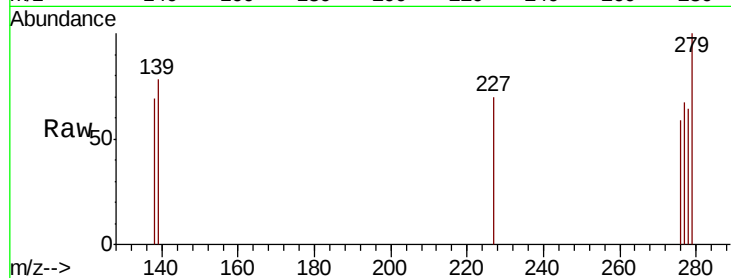
Instrument :

BNA_N

ClientSampleId :

SBLK57

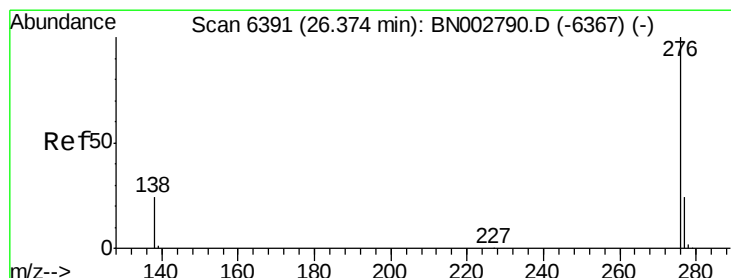
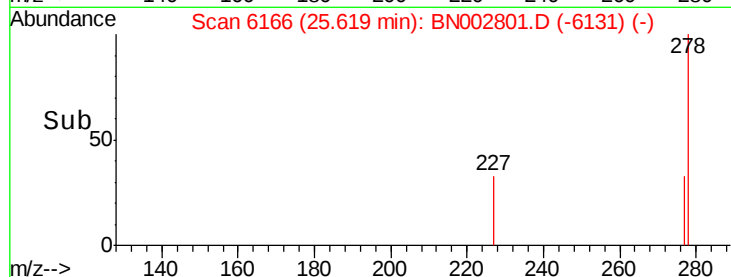
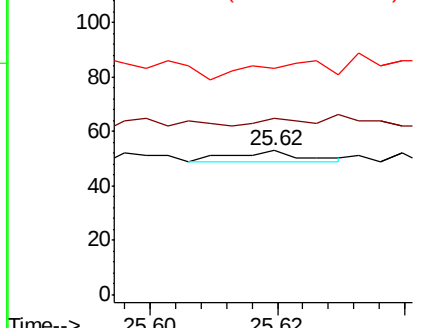
Tgt Ion:	278	Resp:	3
Ion	Ratio	Lower	Upper
278	100		
139	122.6	17.4	26.0#
279	156.6	25.9	38.9#



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: 0.000 ng/u1

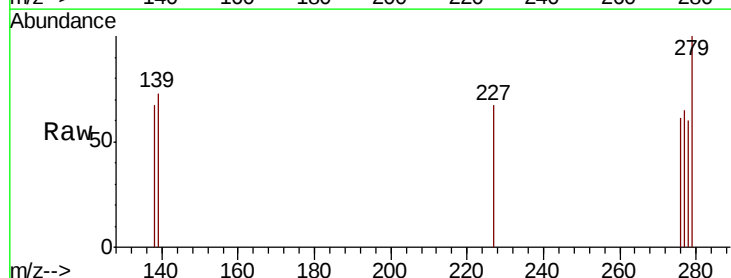
RT: 26.32 min Scan# 6376

Delta R.T. -0.05 min

Lab File: BN002801.D

Acq: 20 Sep 2018 23:48

Tgt Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	109.8	21.8	32.8#
277	107.8	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

