

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002799.D
 Acq On : 20 Sep 2018 22:38
 Operator : JU/SJ
 Sample : PB112962BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK62

Quant Time: Sep 21 04:01:56 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	1749	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6711	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3538	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	586680	0.40	ng/ul	0.08
16) Chrysene-d12	21.26	240	4529	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6499	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	3859	0.40	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

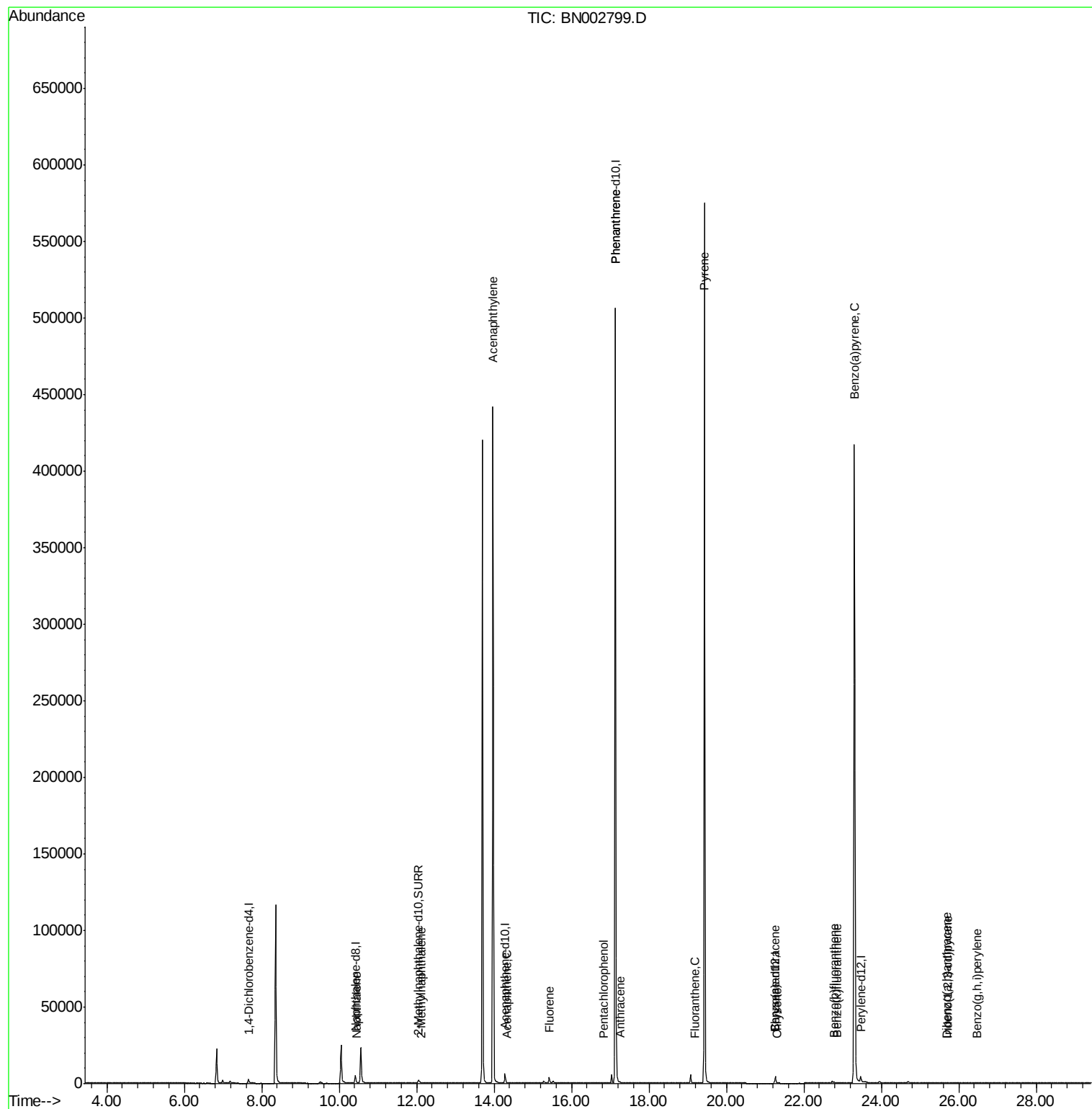
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	19	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	2	0.000	ng/ul	90
7) Acenaphthylene	13.97	152	44	0.003	ng/ul#	1
8) Acenaphthene	14.34	153	6	0.000	ng/ul#	68
9) Fluorene	15.42	166	47	0.004	ng/ul#	1
11) Pentachlorophenol	16.83	266	1	0.000	ng/ul#	33
12) Phenanthrene	17.13	178	242	0.000	ng/ul#	1
13) Anthracene	17.27	178	2	0.000	ng/ul#	1
15) Fluoranthene	19.19	202	1	0.000	ng/ul#	1
17) Pyrene	19.43	202	870	0.059	ng/ul#	1
18) Benzo(a)anthracene	21.26	228	54	0.004	ng/ul#	1
19) Chrysene	21.31	228	41	0.003	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	110	0.005	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	92	0.004	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	1957	0.095	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.72	276	3	0.000	ng/ul#	39
25) Dibenzo(a,h)anthracene	25.69	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.46	276	77	0.004	ng/ul#	1

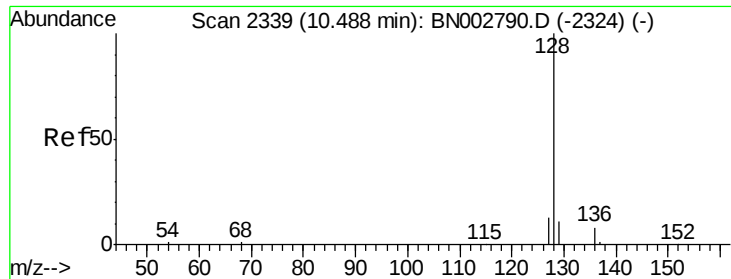
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/u1

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampleId :

SBLK62

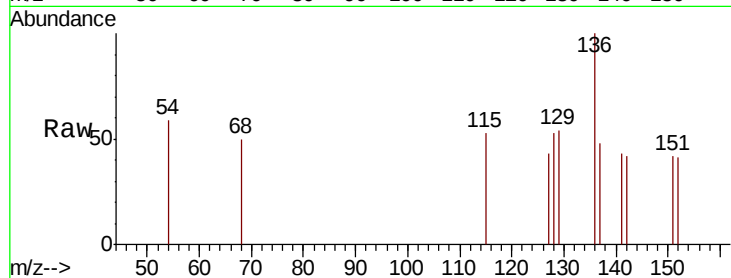
Tgt Ion:128 Resp: 19

Ion Ratio Lower Upper

128 100

129 101.7 8.0 12.0#

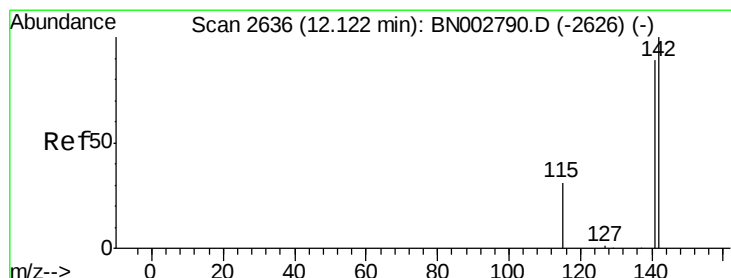
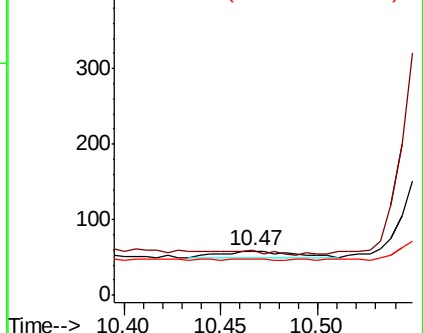
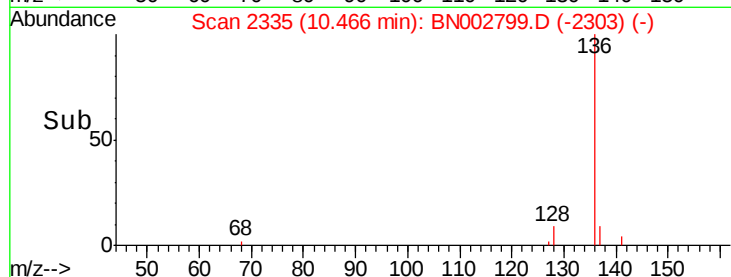
127 81.0 12.0 18.0#



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/u1

RT: 12.12 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BN002799.D

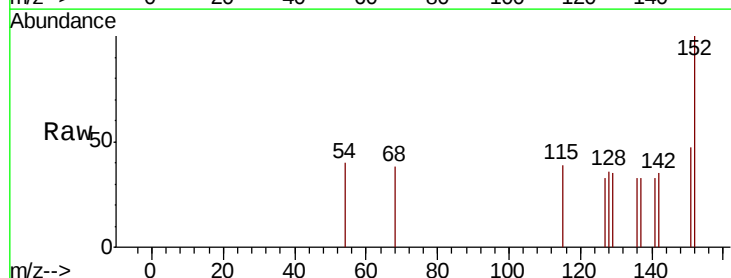
Acq: 20 Sep 2018 22:38

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

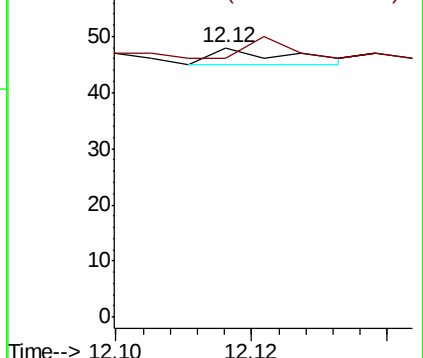
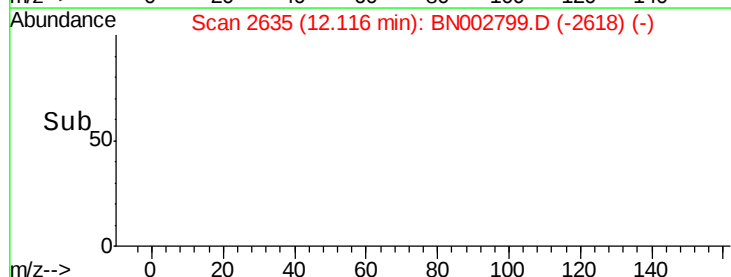
142 100

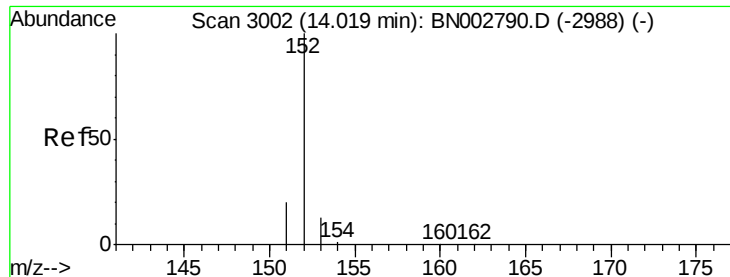
141 100.0 72.6 108.8



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# 2992

Delta R.T. -0.05 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampleId :

SBLK62

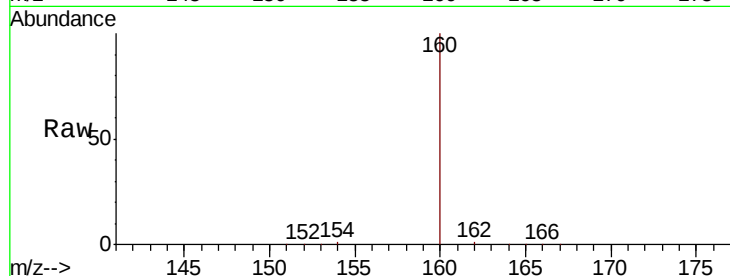
Tgt Ion:152 Resp: 44

Ion Ratio Lower Upper

152 100

151 75.0 17.1 25.7#

153 172.1 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

13.97

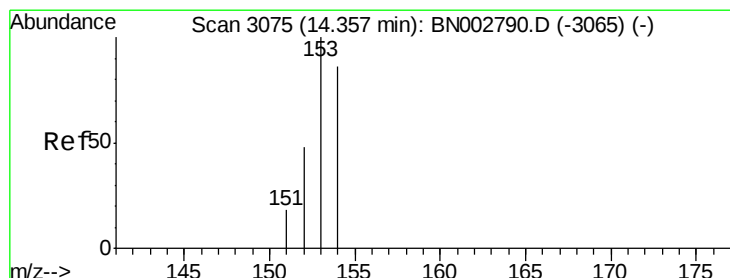
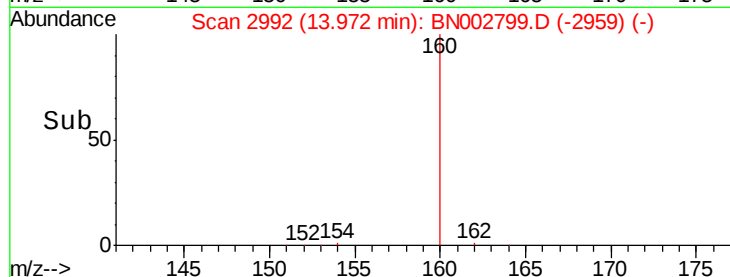
100

50

0

Time-->

13.90 14.00



#8

Acenaphthene

Concen: 0.000 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

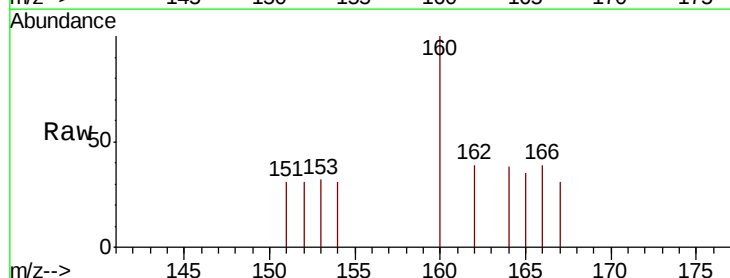
Tgt Ion:153 Resp: 6

Ion Ratio Lower Upper

153 100

152 95.9 36.0 54.0#

154 98.0 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

14.34

60

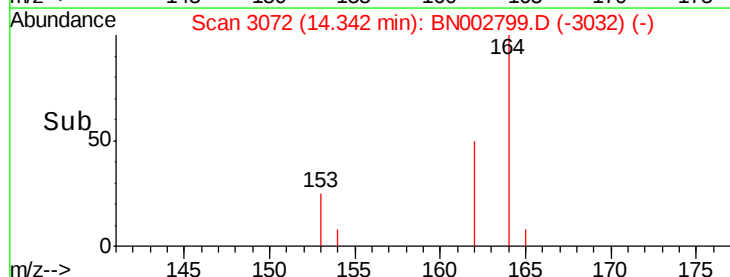
40

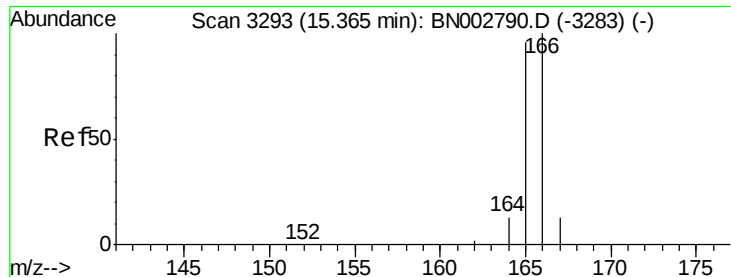
20

0

Time-->

14.30 14.35





#9

Fluorene

Concen: 0.004 ng/ul

RT: 15.42 min Scan# 3306

Delta R.T. 0.06 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampleId :

SBLK62

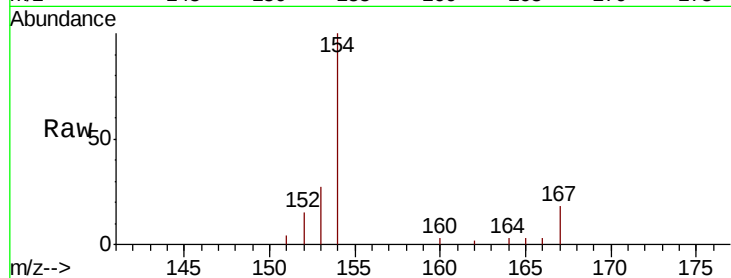
Tgt Ion:166 Resp: 47

Ion Ratio Lower Upper

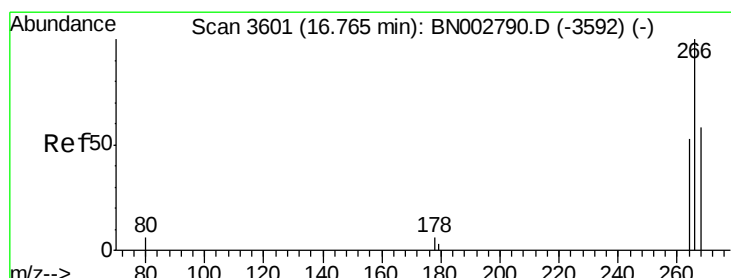
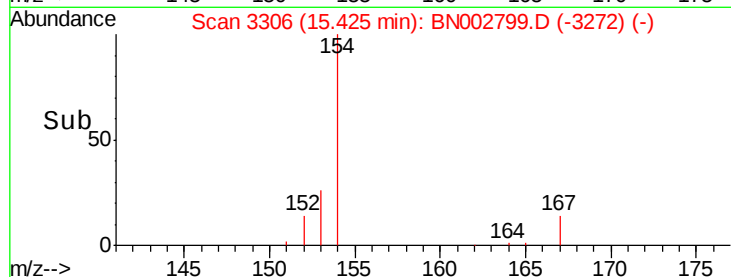
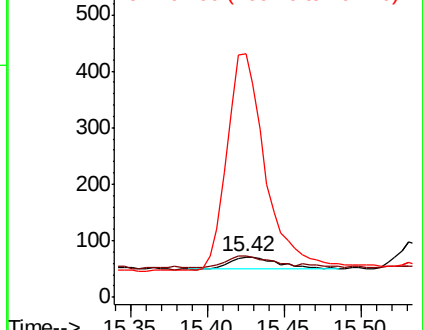
166 100

165 102.8 73.4 110.2

167 607.0 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: 16.83 min Scan# 3617

Delta R.T. 0.07 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

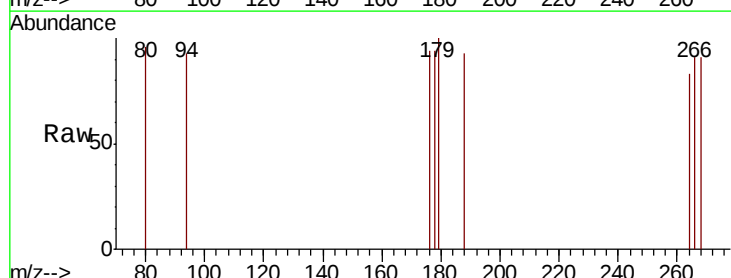
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

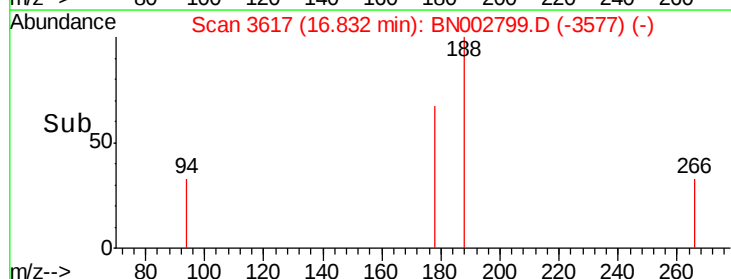
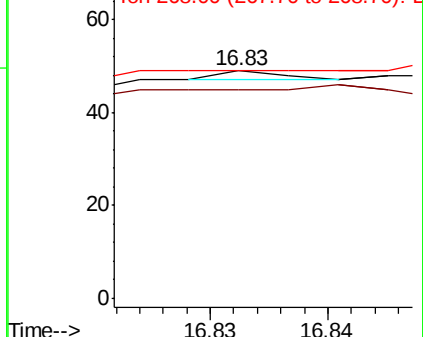
266 100

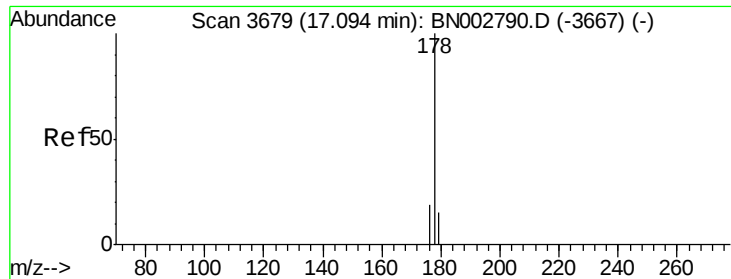
264 100.0 47.9 71.9#

268 0.0 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/u1

RT: 17.13 min Scan# 3688

Delta R.T. 0.04 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampleId :

SBLK62

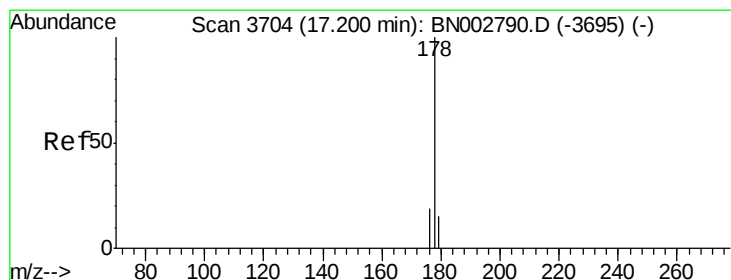
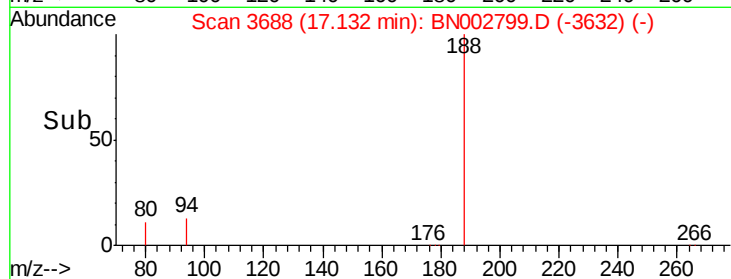
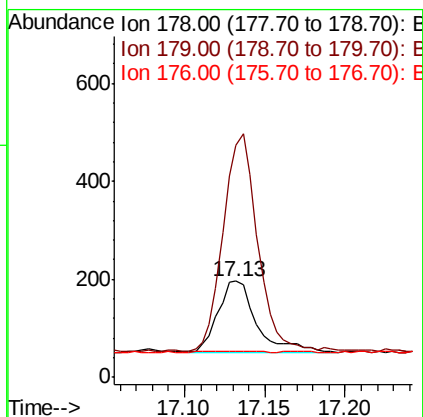
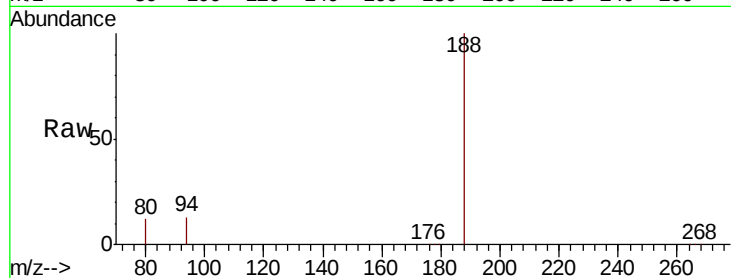
Tgt Ion:178 Resp: 242

Ion Ratio Lower Upper

178 100

179 241.3 18.4 27.6#

176 26.5 13.6 20.4#



#13

Anthracene

Concen: 0.000 ng/u1

RT: 17.27 min Scan# 3721

Delta R.T. 0.07 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

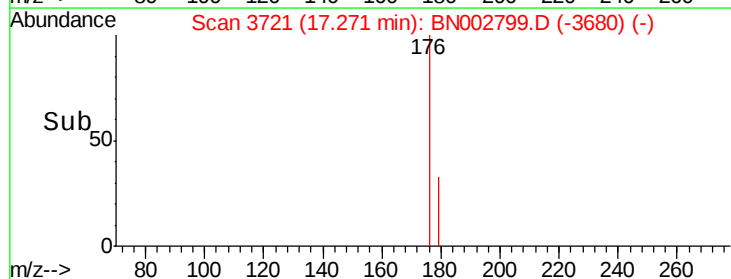
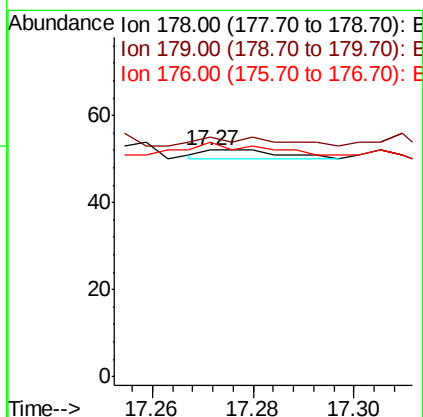
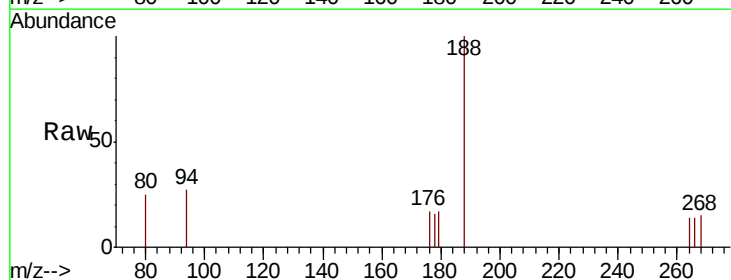
Tgt Ion:178 Resp: 2

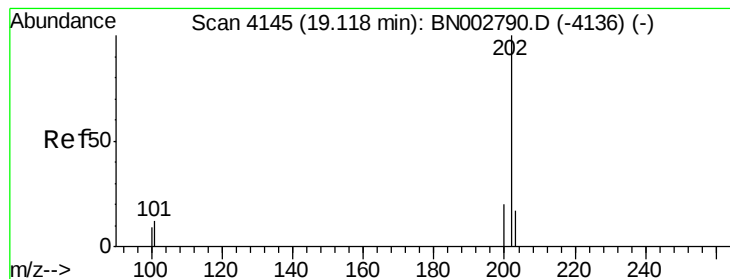
Ion Ratio Lower Upper

178 100

179 105.8 18.1 27.1#

176 103.8 14.7 22.1#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.19 min Scan# 4161

Delta R.T. 0.07 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

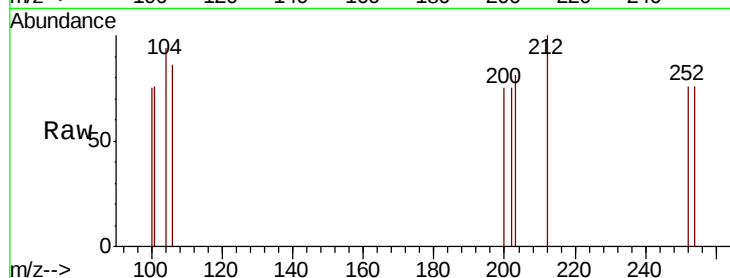
Instrument :

BNA_N

ClientSampleId :

SBLK62

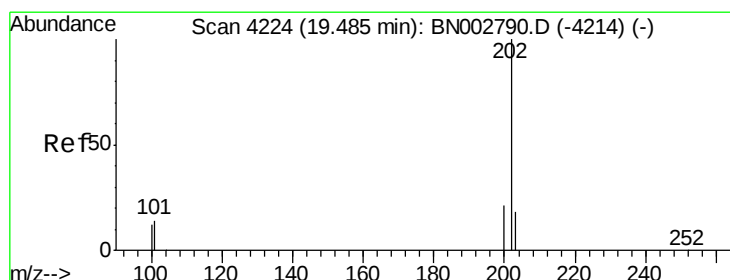
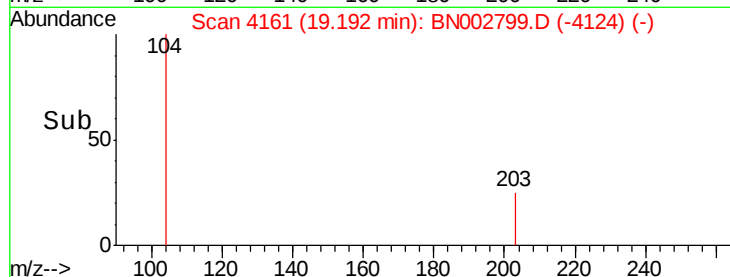
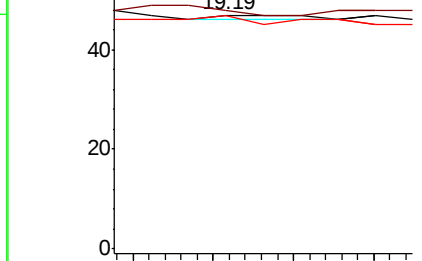
Tgt Ion:	202	Resp:	1
Ion	Ratio	Lower	Upper
202	100		
101	102.1	0.0	30.0#
100	100.0	0.0	30.0#



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



#17

Pyrene

Concen: 0.059 ng/ul

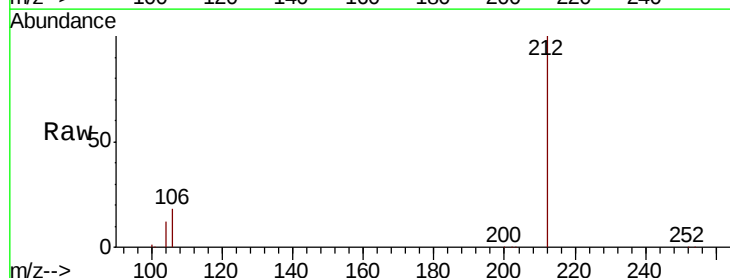
RT: 19.43 min Scan# 4213

Delta R.T. -0.05 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

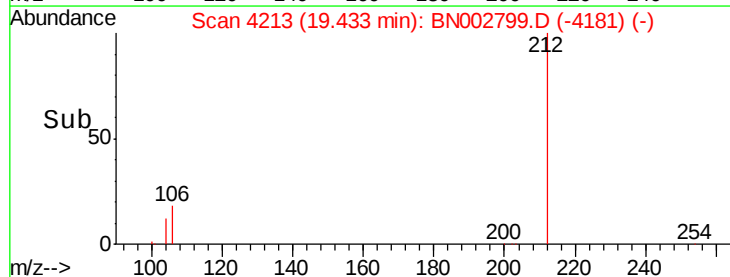
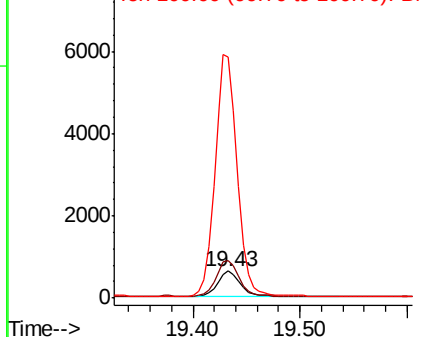
Tgt Ion:	202	Resp:	870
Ion	Ratio	Lower	Upper
202	100		
101	140.0	12.0	18.0#
100	886.0	8.0	12.0#

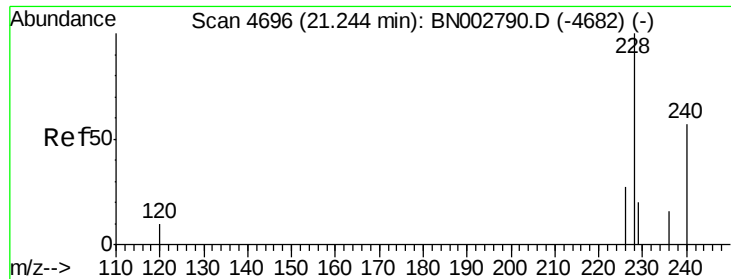


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.004 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.02 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampled :

SBLK62

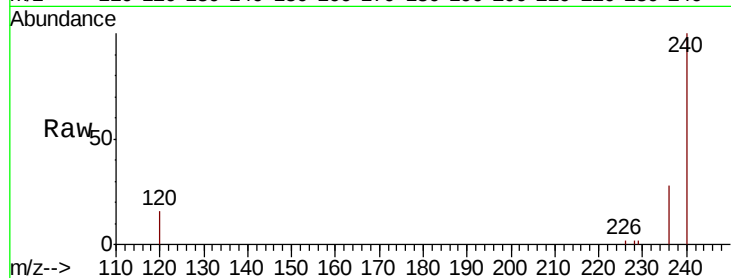
Tgt Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

229 75.3 22.8 34.2#

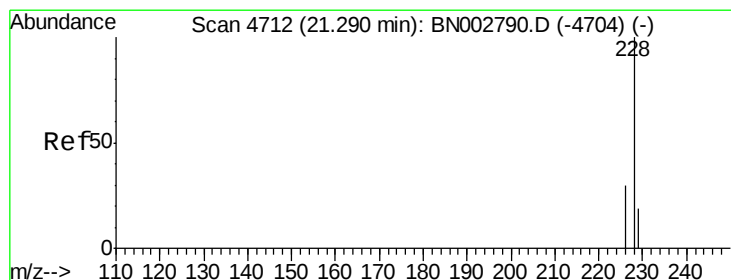
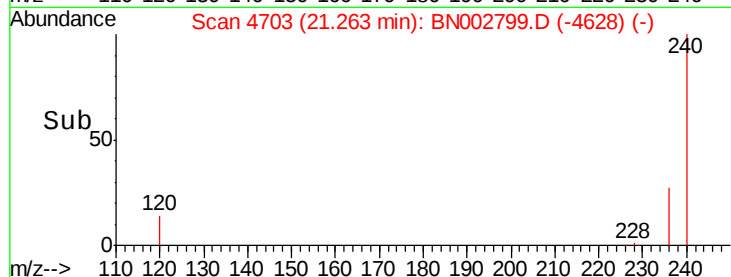
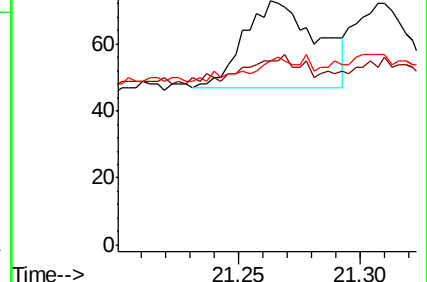
226 75.3 17.0 25.6#



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: 0.003 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.02 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

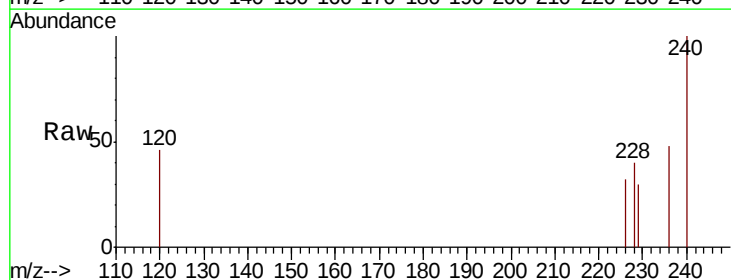
Tgt Ion:228 Resp: 41

Ion Ratio Lower Upper

228 100

226 79.2 23.4 35.0#

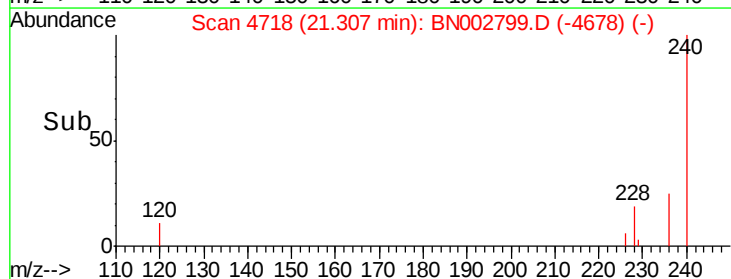
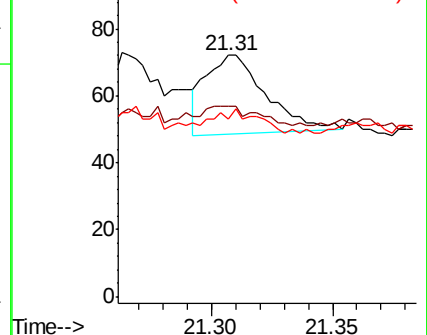
229 73.6 17.7 26.5#

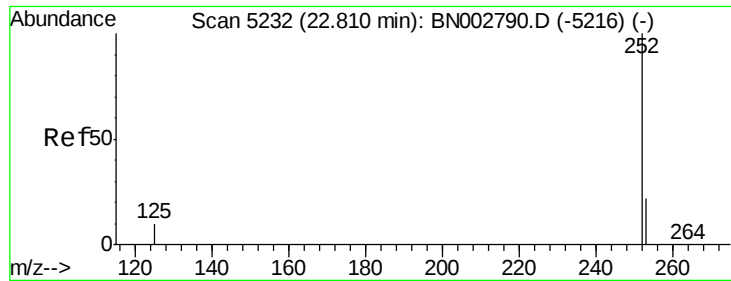


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.005 ng/u1

RT: 22.80 min Scan# 5229

Delta R.T. -0.01 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampleId :

SBLK62

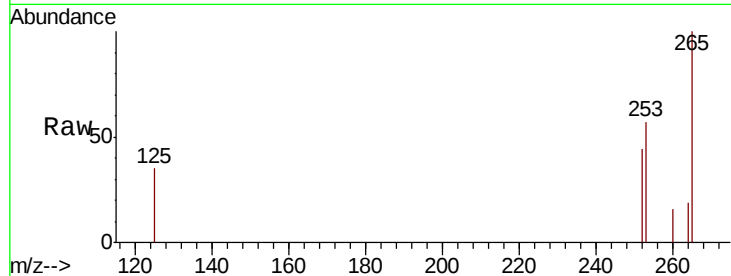
Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

253 128.9 0.0 64.2#

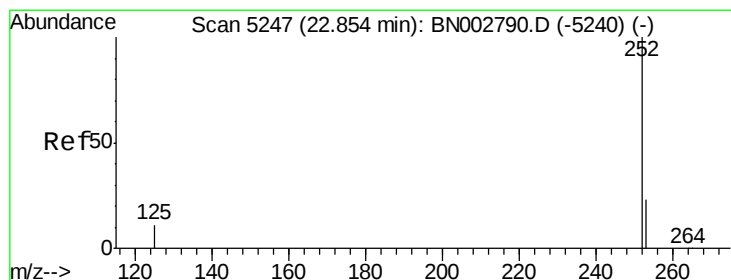
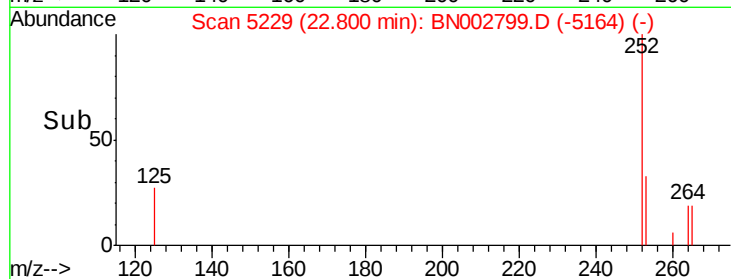
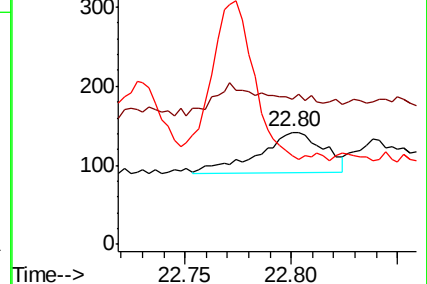
125 79.6 0.0 35.0#



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: 0.004 ng/u1

RT: 22.84 min Scan# 5242

Delta R.T. -0.02 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

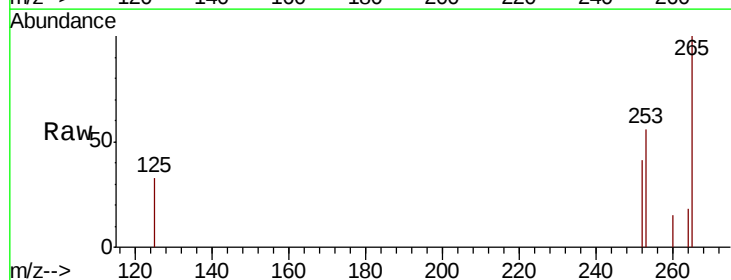
Tgt Ion:252 Resp: 92

Ion Ratio Lower Upper

252 100

253 135.1 24.5 36.7#

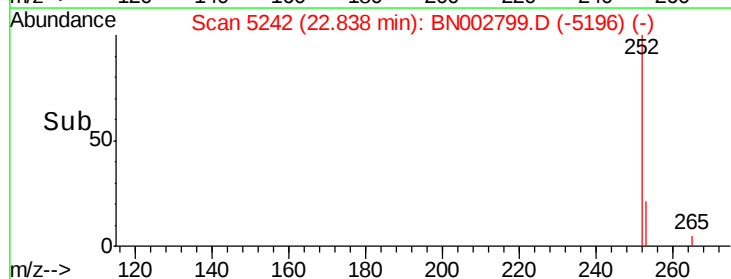
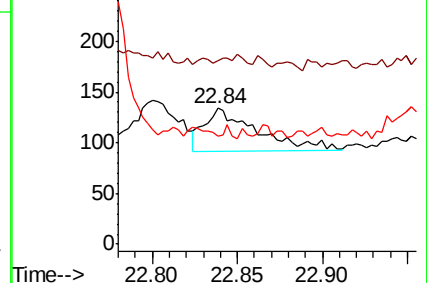
125 79.1 13.7 20.5#

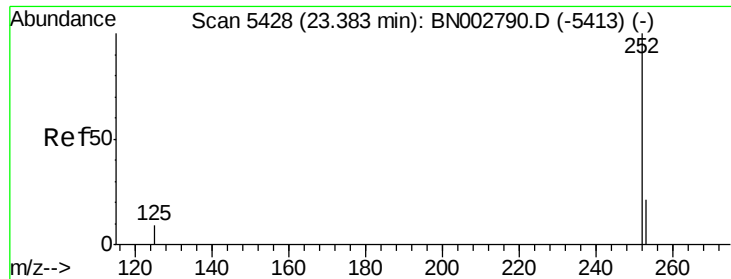


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.095 ng/u1

RT: 23.30 min Scan# 5401

Delta R.T. -0.08 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampled :

SBLK62

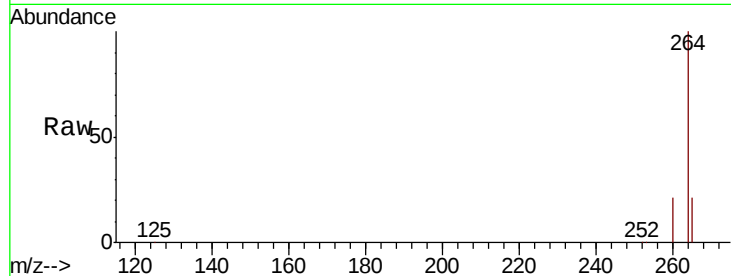
Tgt Ion:252 Resp: 1957

Ion Ratio Lower Upper

252 100

253 38.9 16.0 24.0#

125 29.4 12.0 18.0#

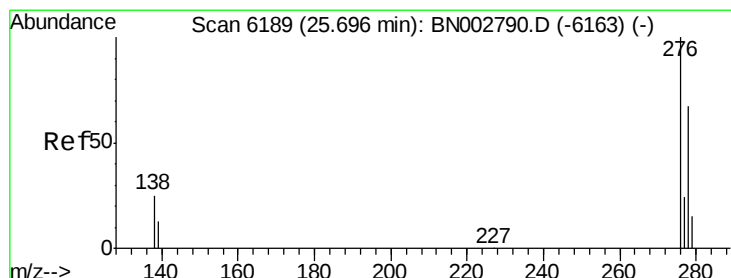
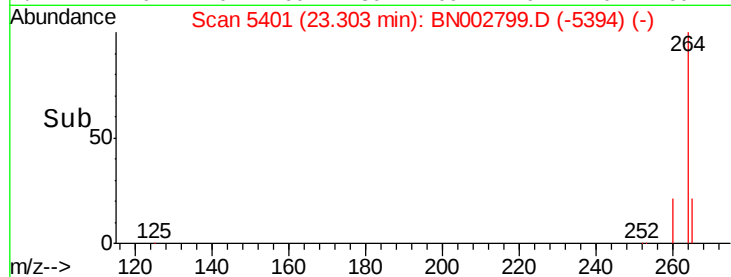
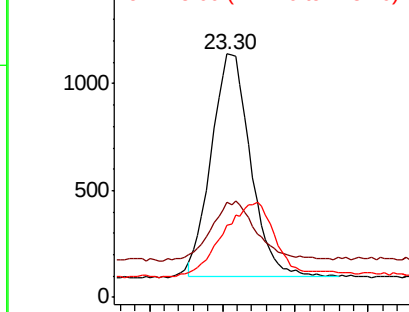


Abundance

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: 25.72 min Scan# 6196

Delta R.T. 0.02 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

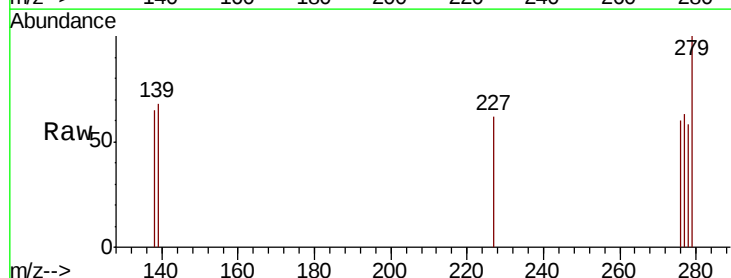
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

227 33.3 0.8 1.2#

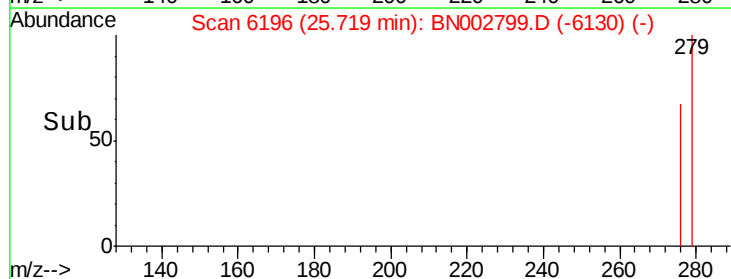
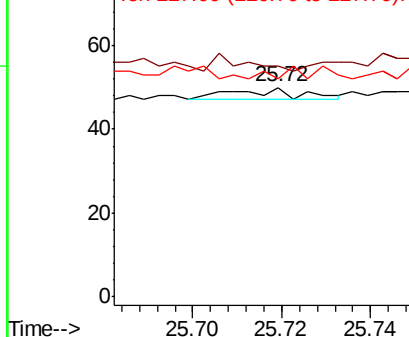


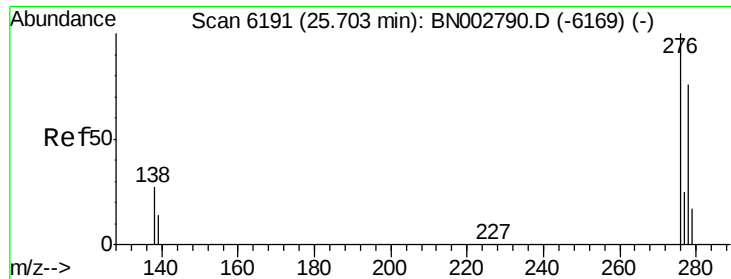
Abundance

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: 25.69 min Scan# 6188

Delta R.T. -0.01 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

Instrument :

BNA_N

ClientSampleId :

SBLK62

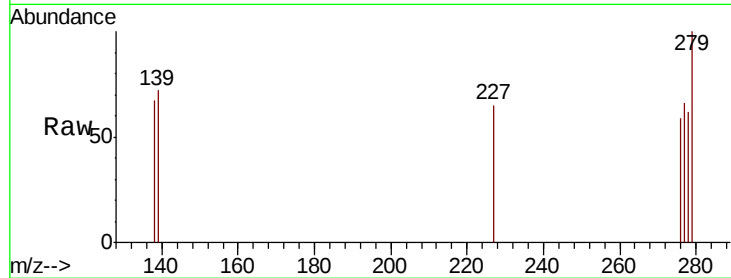
Tgt Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 115.7 17.4 26.0#

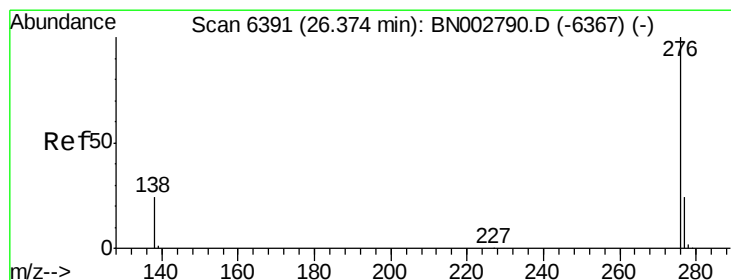
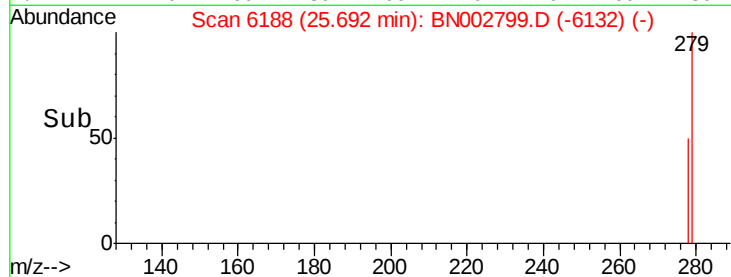
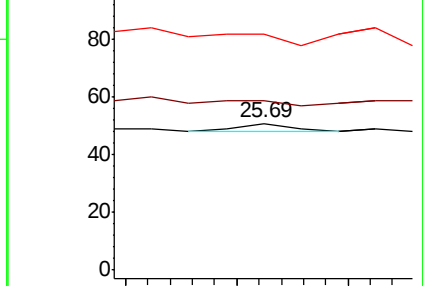
279 160.8 25.9 38.9#



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: 0.004 ng/u1

RT: 26.46 min Scan# 6418

Delta R.T. 0.09 min

Lab File: BN002799.D

Acq: 20 Sep 2018 22:38

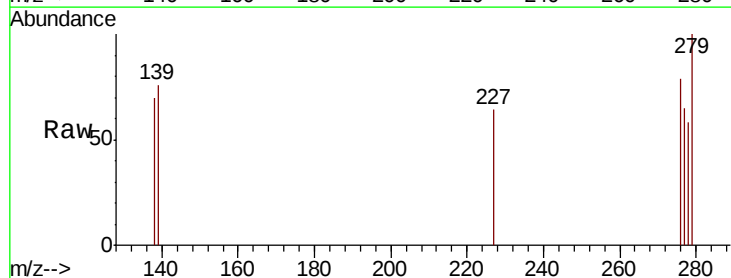
Tgt Ion:276 Resp: 77

Ion Ratio Lower Upper

276 100

138 89.4 21.8 32.8#

277 83.3 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

