

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002791.D
 Acq On : 20 Sep 2018 17:58
 Operator : JU/SJ
 Sample : PB112991BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK91

Quant Time: Sep 21 04:00:58 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	7.70	152	800	0.40	ng/ul	0.02
2) Naphthalene-d8	10.49	136	4506	0.40	ng/ul	0.05
6) Acenaphthene-d10	14.32	164	2419	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.09	188	4709	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	4606	0.40	ng/ul	0.01
20) Perylene-d12	23.48	264	4683	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	2275	0.35	ng/ul	0.05
14) Fluoranthene-d10	19.10	212	4712	0.39	ng/ul	0.02

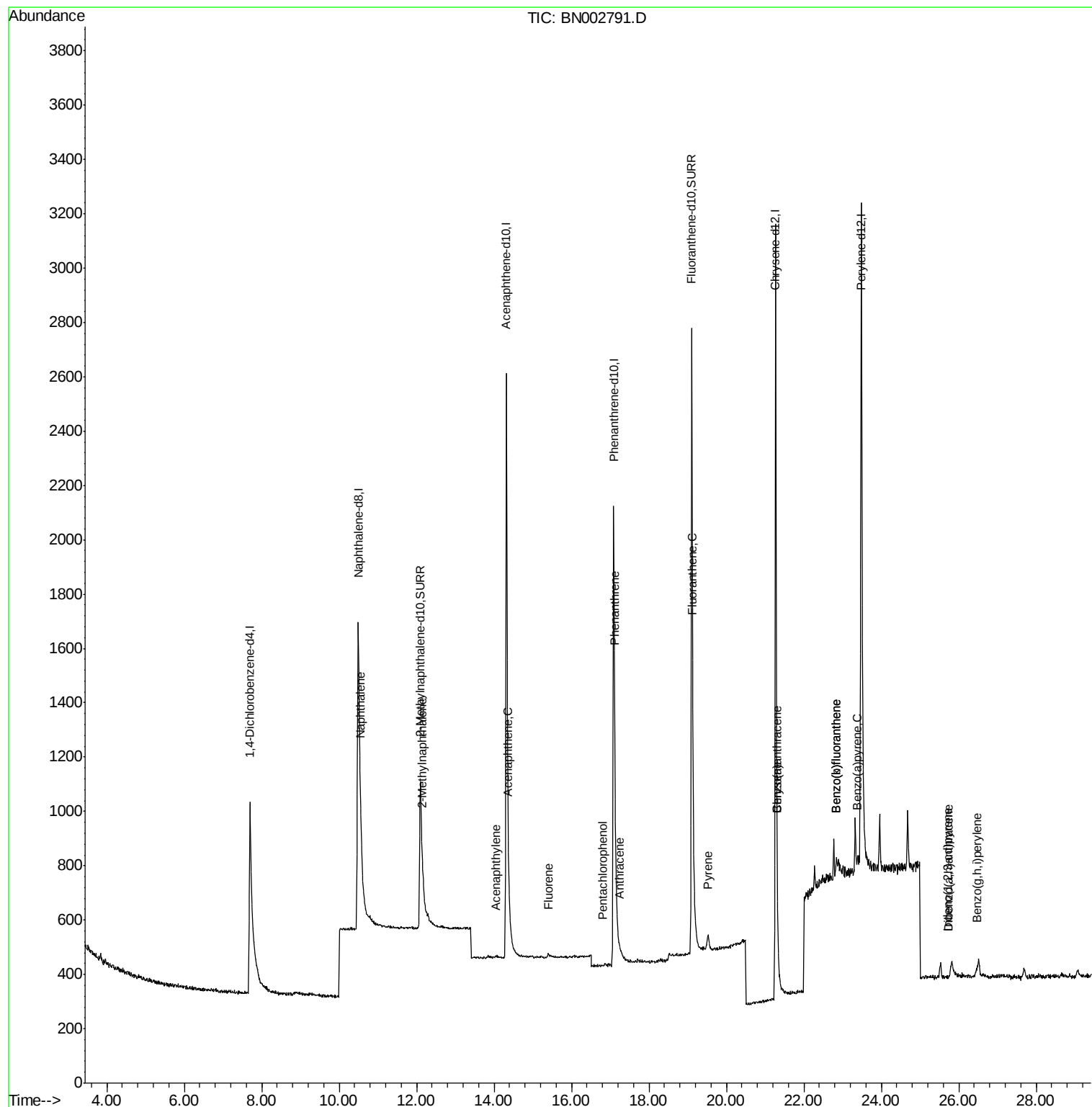
Target Compounds				Qvalue		
3) Naphthalene	10.55	128	3	0.000	ng/ul#	1
5) 2-Methylnaphthalene	12.15	142	2	0.000	ng/ul#	4
7) Acenaphthylene	14.04	152	3	0.000	ng/ul#	1
8) Acenaphthene	14.38	153	3	0.000	ng/ul#	65
9) Fluorene	15.41	166	1	0.000	ng/ul#	55
11) Pentachlorophenol	16.79	266	2	0.004	ng/ul#	69
12) Phenanthrene	17.12	178	3	0.000	ng/ul#	1
13) Anthracene	17.24	178	3	0.000	ng/ul#	1
15) Fluoranthene	19.14	202	6	0.000	ng/ul#	1
17) Pyrene	19.52	202	93	0.006	ng/ul#	1
18) Benzo(a)anthracene	21.32	228	109	0.009	ng/ul#	5
19) Chrysene	21.32	228	109	0.007	ng/ul#	7
21) Benzo(b)fluoranthene	22.85	252	183	0.012	ng/ul#	1
22) Benzo(k)fluoranthene	22.85	252	203	0.012	ng/ul#	1
23) Benzo(a)pyrene	23.38	252	3	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.71	276	5	0.000	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.74	278	4	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.47	276	110	0.007	ng/ul#	1

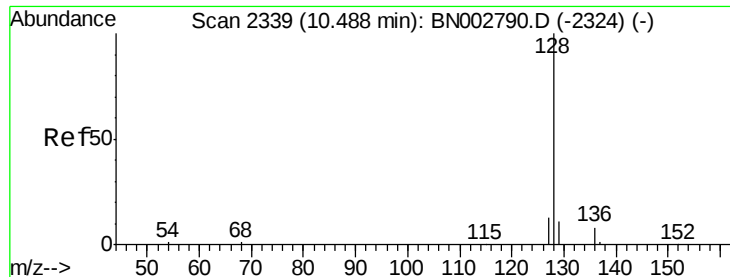
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.000 ng/ul

RT: 10.55 min Scan# 2350

Delta R.T. 0.06 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

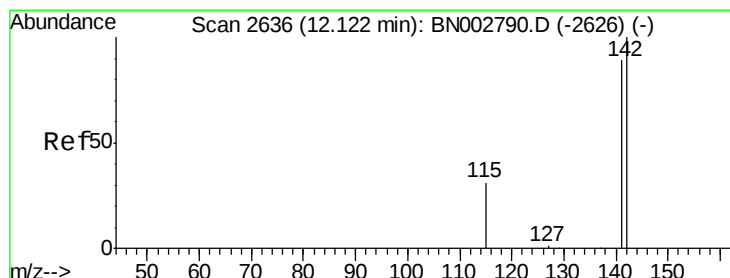
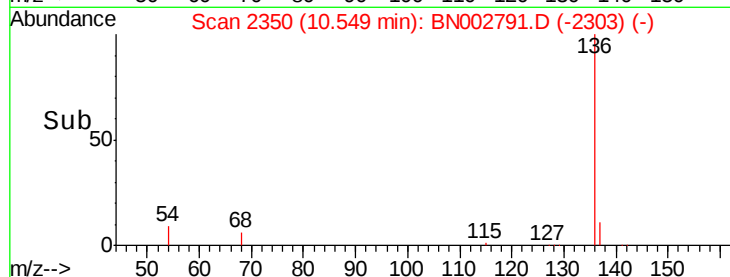
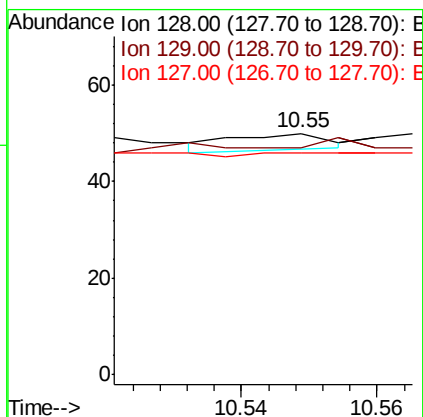
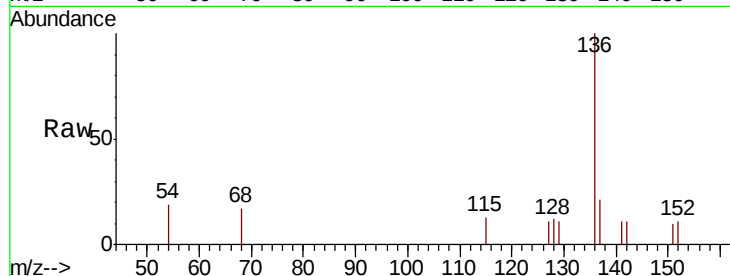
Instrument :

BNA_N

ClientSampleId :

SBLK91

Tgt Ion:	128	Resp:	3
Ion	Ratio	Lower	Upper
128	100		
129	94.0	8.0	12.0#
127	92.0	12.0	18.0#



#5

2-Methylnaphthalene

Concen: 0.000 ng/ul

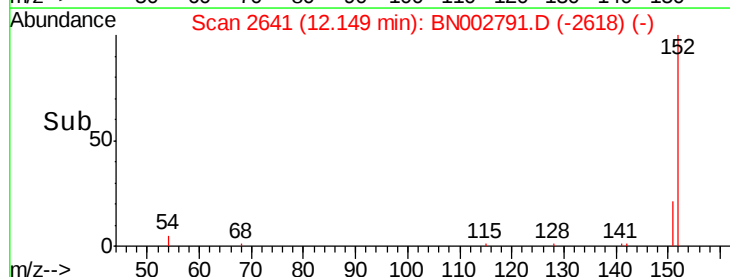
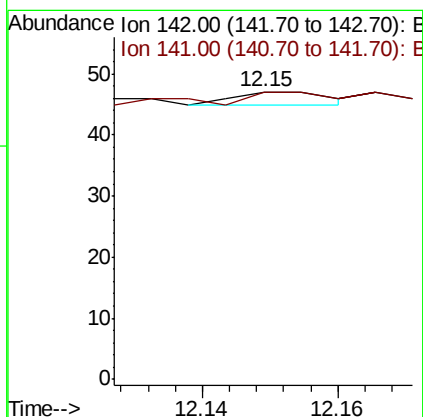
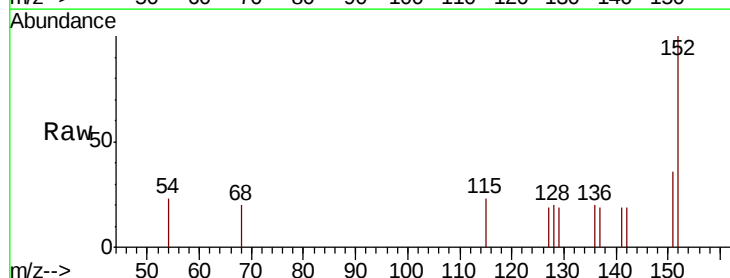
RT: 12.15 min Scan# 2641

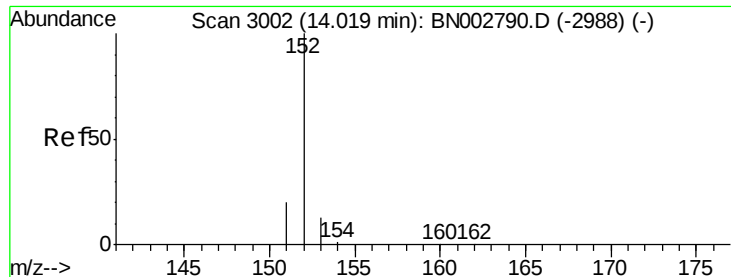
Delta R.T. 0.03 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Tgt Ion:	142	Resp:	2
Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.6	108.8#





#7

Acenaphthylene

Concen: 0.000 ng/ul

RT: 14.04 min Scan# 3006

Delta R.T. 0.02 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

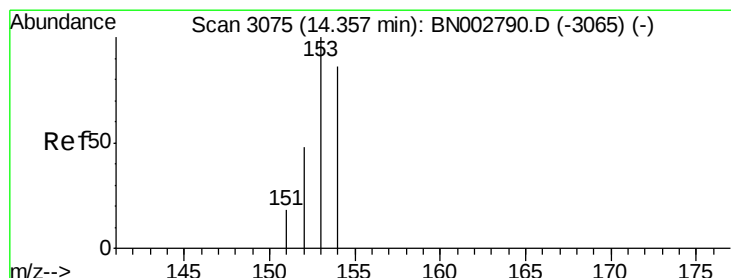
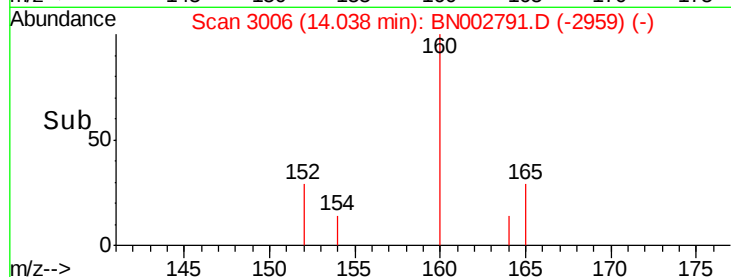
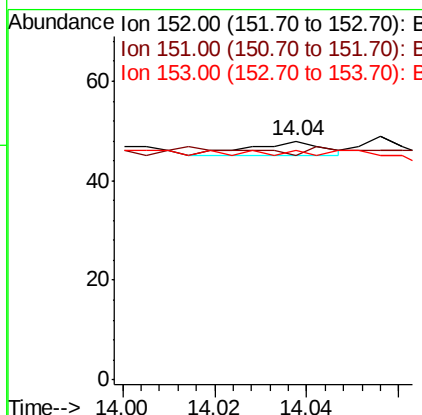
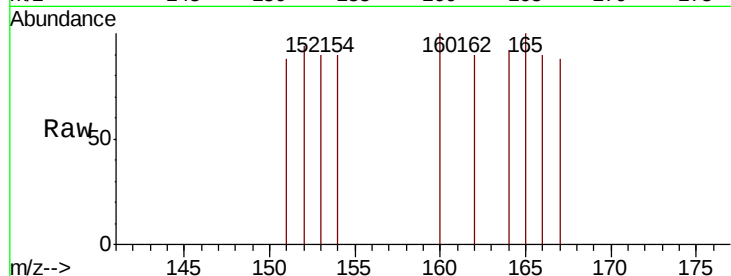
Instrument :

BNA_N

ClientSampleId :

SBLK91

Tgt Ion:	152	Resp:	3
Ion	Ratio	Lower	Upper
152	100		
151	93.8	17.1	25.7#
153	95.8	12.8	19.2#



#8

Acenaphthene

Concen: 0.000 ng/ul

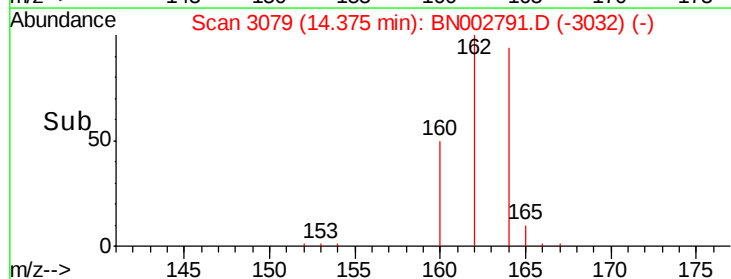
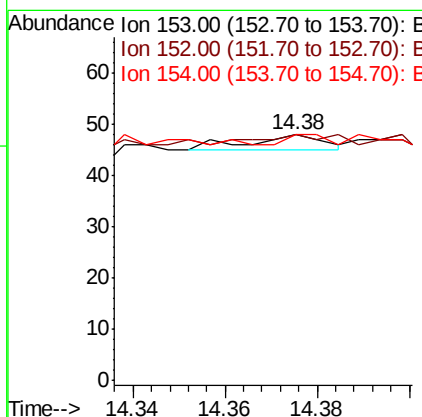
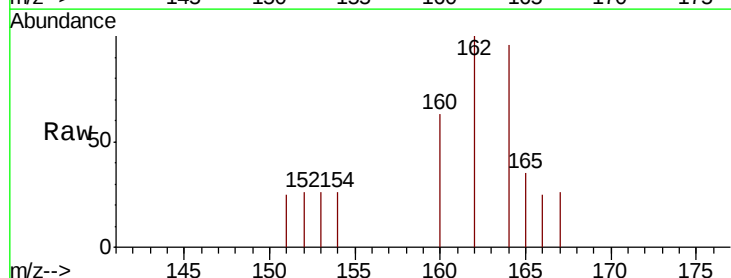
RT: 14.38 min Scan# 3079

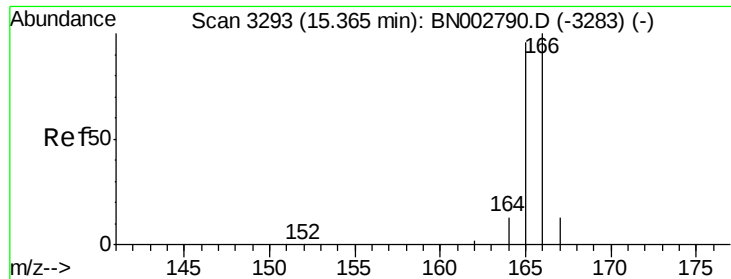
Delta R.T. 0.02 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Tgt Ion:	153	Resp:	3
Ion	Ratio	Lower	Upper
153	100		
152	100.0	36.0	54.0#
154	100.0	72.0	108.0#





#9

Fluorene

Concen: 0.000 ng/ul

RT: 15.41 min Scan# 3303

Delta R.T. 0.05 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Instrument :

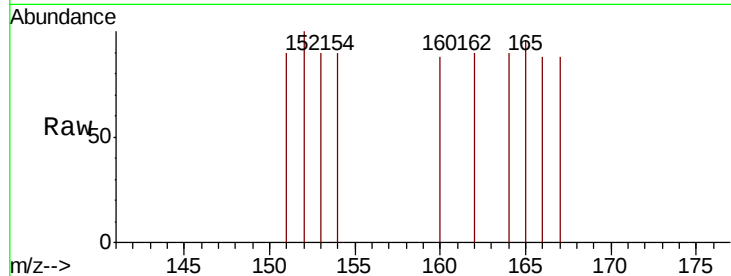
BNA_N

ClientSampleId :

SBLK91

Tgt Ion:166 Resp: 1

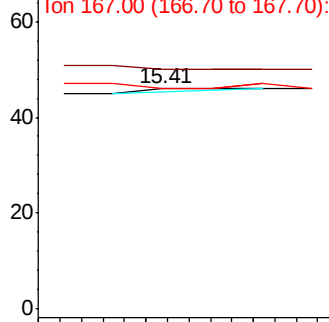
Ion	Ratio	Lower	Upper
166	100		
165	108.7	73.4	110.2
167	100.0	14.6	22.0



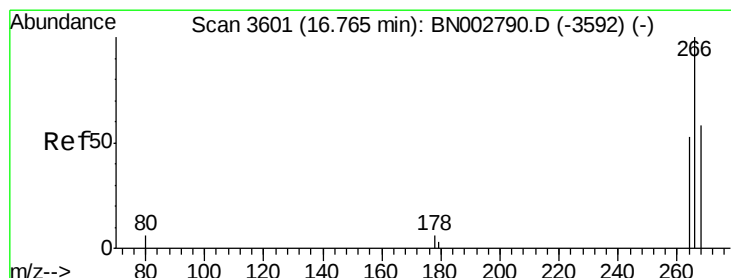
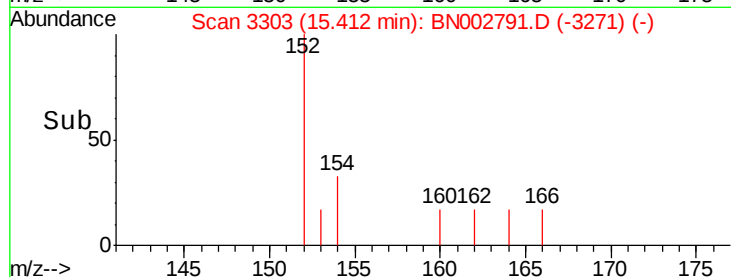
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.40 15.41 15.42



#11

Pentachlorophenol

Concen: 0.004 ng/ul

RT: 16.79 min Scan# 3608

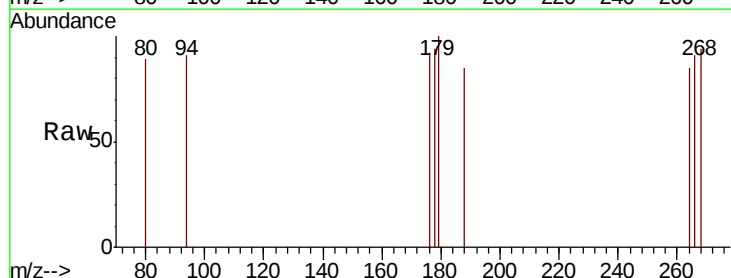
Delta R.T. 0.03 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Tgt Ion:266 Resp: 2

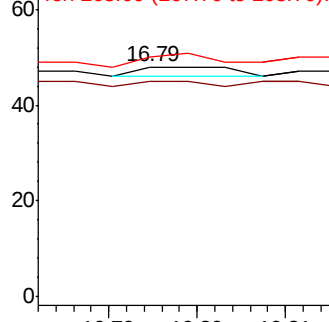
Ion	Ratio	Lower	Upper
266	100		
264	50.0	47.9	71.9
268	100.0	49.8	74.8



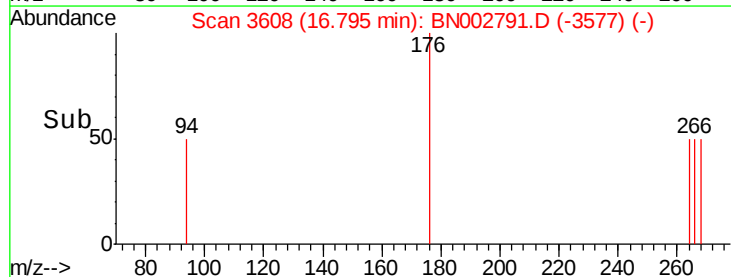
Abundance Ion 266.00 (265.70 to 266.70): E

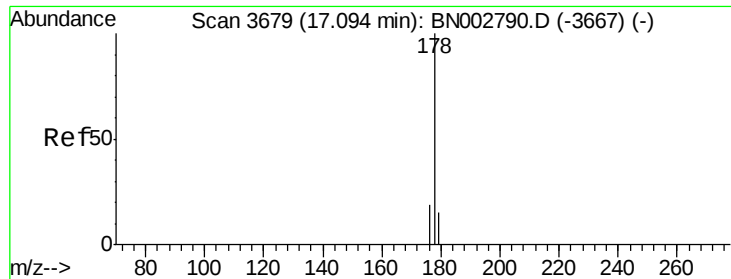
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 16.79 16.80 16.81





#12

Phenanthrene

Concen: 0.000 ng/u1

RT: 17.12 min Scan# 3685

Delta R.T. 0.03 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

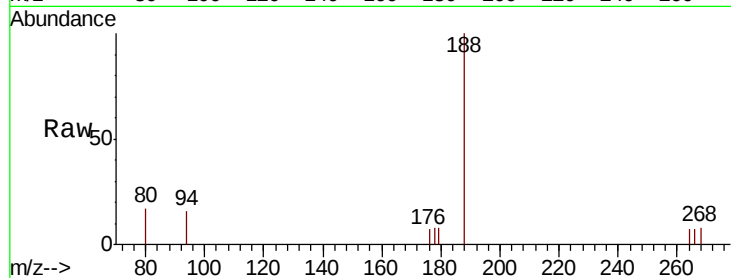
Instrument :

BNA_N

ClientSampleId :

SBLK91

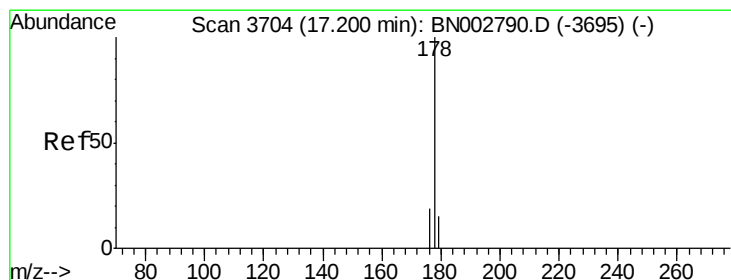
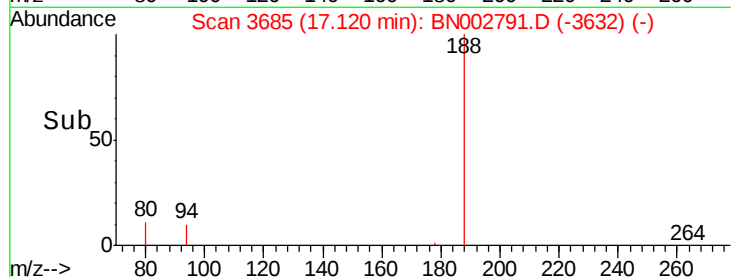
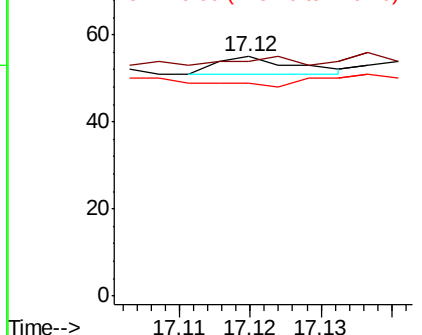
Tgt Ion:	178	Resp:	3
Ion	Ratio	Lower	Upper
178	100		
179	98.2	18.4	27.6#
176	89.1	13.6	20.4#



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



#13

Anthracene

Concen: 0.000 ng/u1

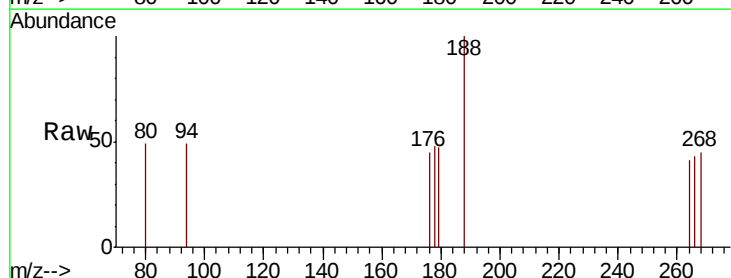
RT: 17.24 min Scan# 3713

Delta R.T. 0.04 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

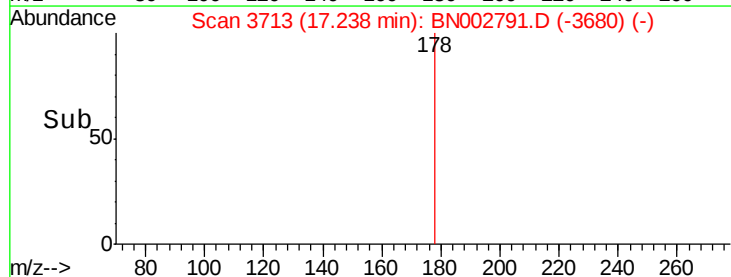
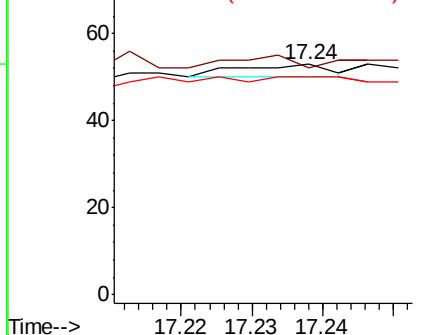
Tgt Ion:	178	Resp:	3
Ion	Ratio	Lower	Upper
178	100		
179	98.1	18.1	27.1#
176	94.3	14.7	22.1#

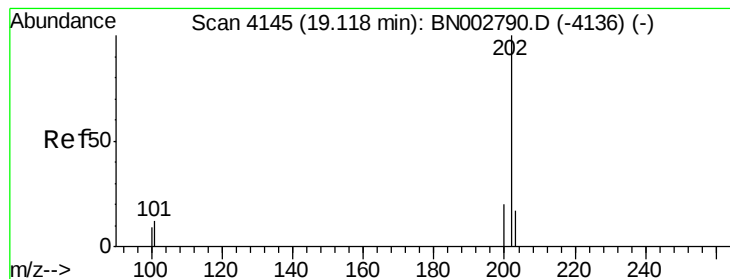


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.14 min Scan# 4149

Delta R.T. 0.02 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

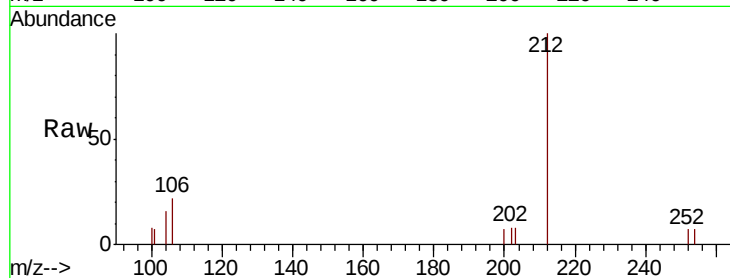
Instrument :

BNA_N

ClientSampleId :

SBLK91

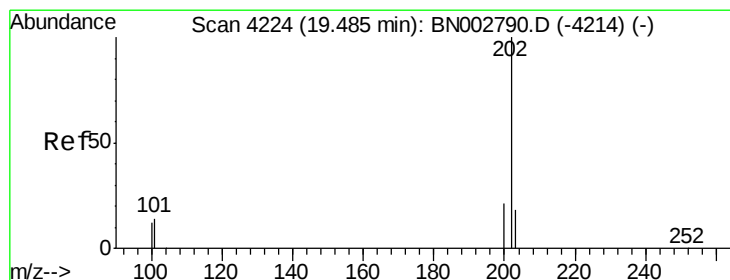
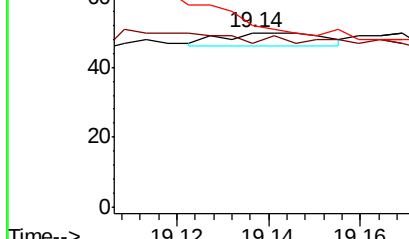
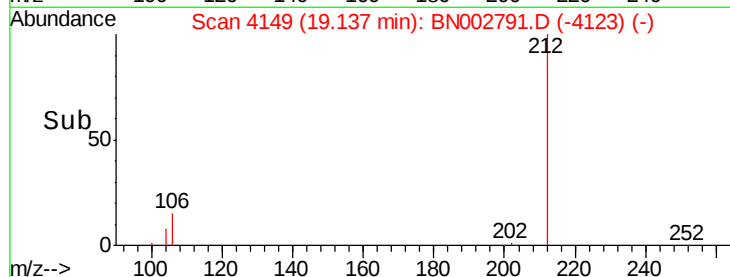
Tgt Ion:	202	Resp:	6
Ion	Ratio	Lower	Upper
202	100		
101	94.0	0.0	30.0#
100	104.0	0.0	30.0#



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: 0.006 ng/ul

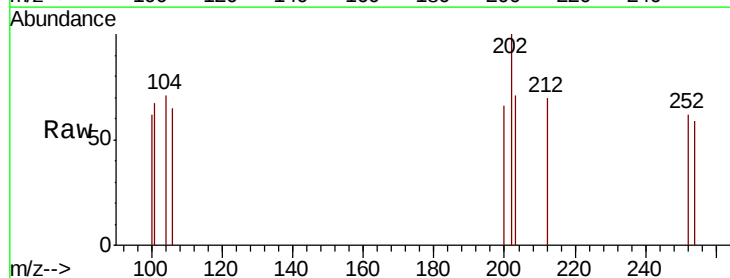
RT: 19.52 min Scan# 4232

Delta R.T. 0.04 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

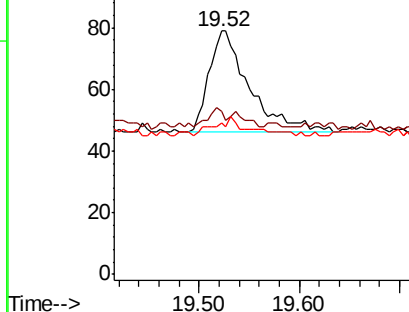
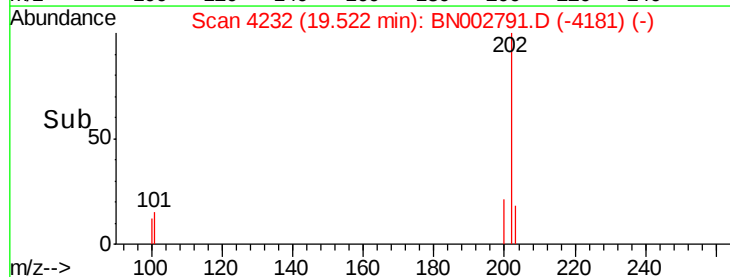
Tgt Ion:	202	Resp:	93
Ion	Ratio	Lower	Upper
202	100		
101	67.1	12.0	18.0#
100	62.0	8.0	12.0#

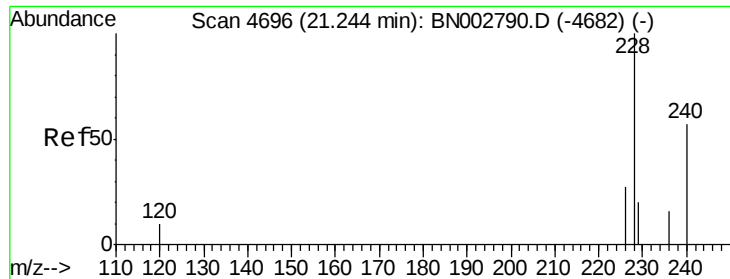


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.009 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. 0.07 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Instrument :

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ClientSampled :

SBLK91

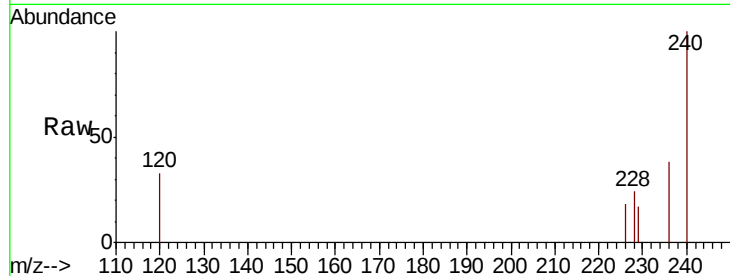
Tgt Ion:228 Resp: 109

Ion Ratio Lower Upper

228 100

229 71.6 22.8 34.2#

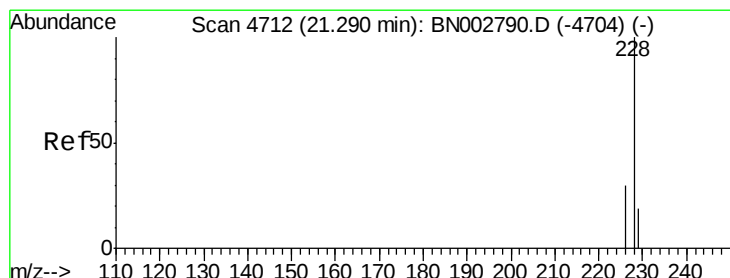
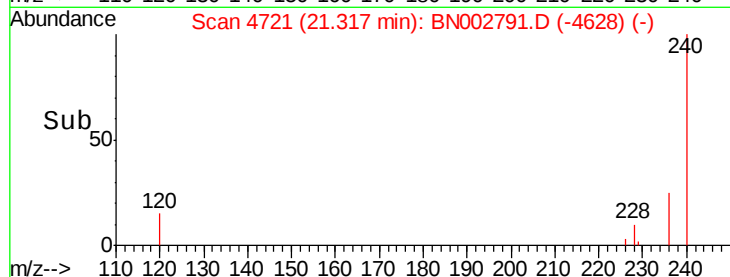
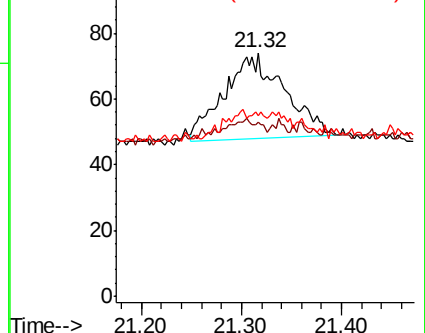
226 74.3 17.0 25.6#



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: 0.007 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. 0.03 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

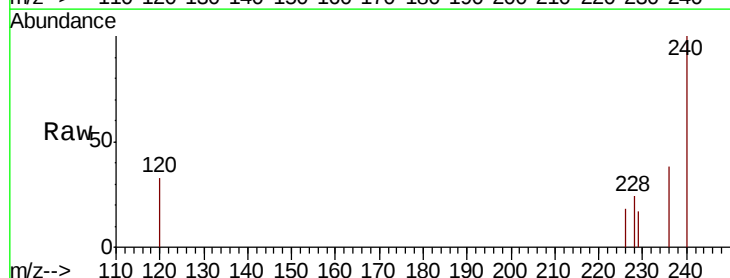
Tgt Ion:228 Resp: 109

Ion Ratio Lower Upper

228 100

226 74.3 23.4 35.0#

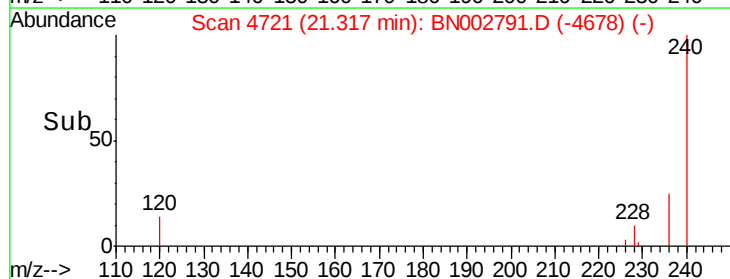
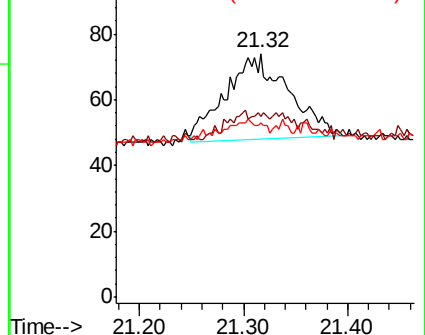
229 71.6 17.7 26.5#

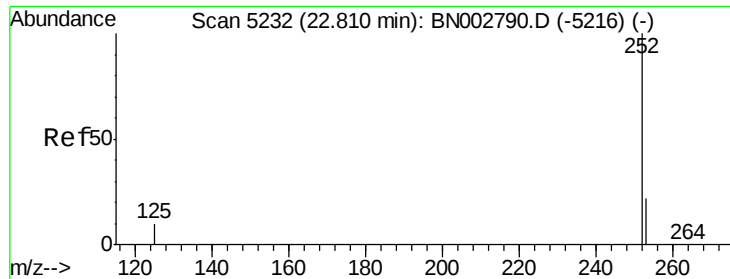


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.012 ng/u1

RT: 22.85 min Scan# 5245

Delta R.T. 0.04 min

Lab File: BN002791.D

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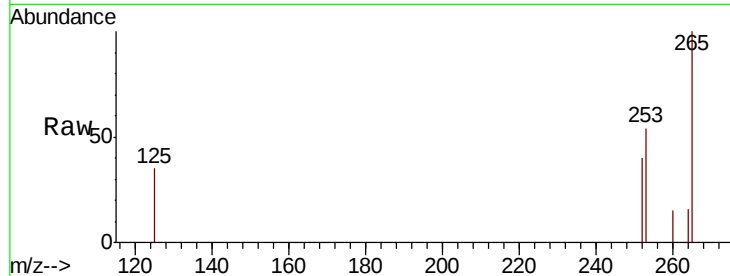
Tgt Ion:252 Resp: 183

Ion Ratio Lower Upper

252 100

253 135.7 0.0 64.2#

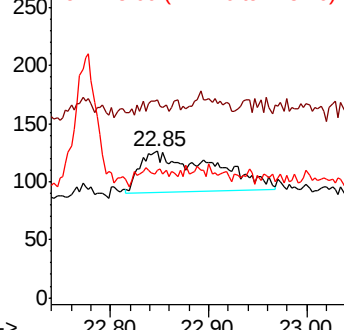
125 87.3 0.0 35.0#



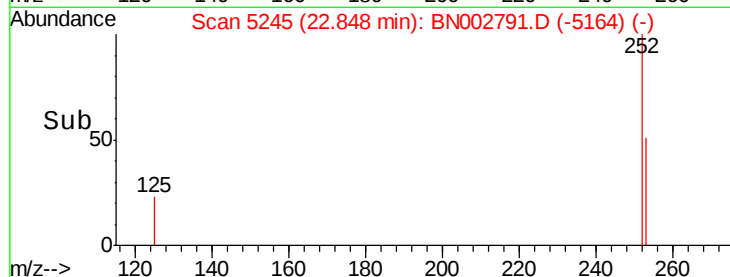
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.012 ng/u1

RT: 22.85 min Scan# 5245

Delta R.T. -0.01 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

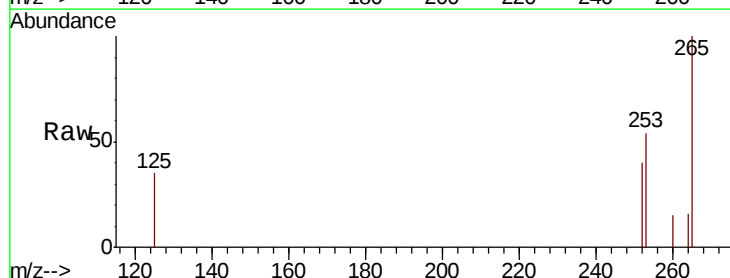
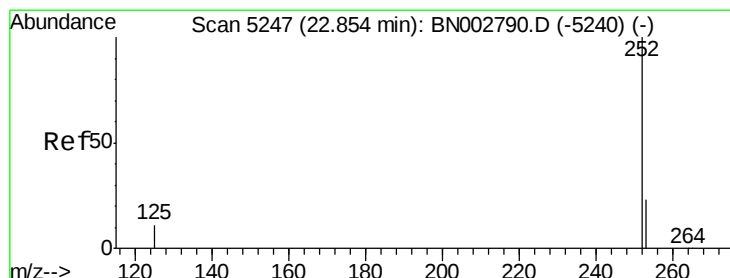
Tgt Ion:252 Resp: 203

Ion Ratio Lower Upper

252 100

253 135.7 24.5 36.7#

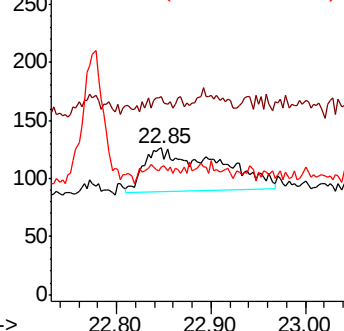
125 87.3 13.7 20.5#



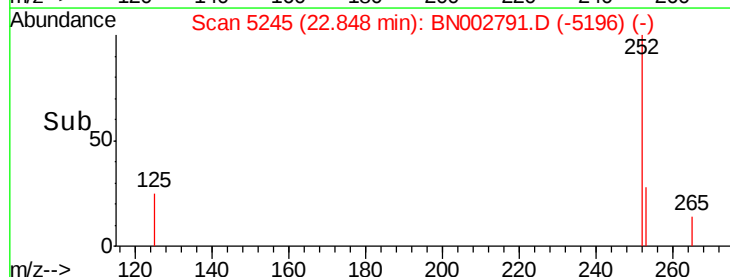
Abundance Ion 252.00 (251.70 to 252.70): E

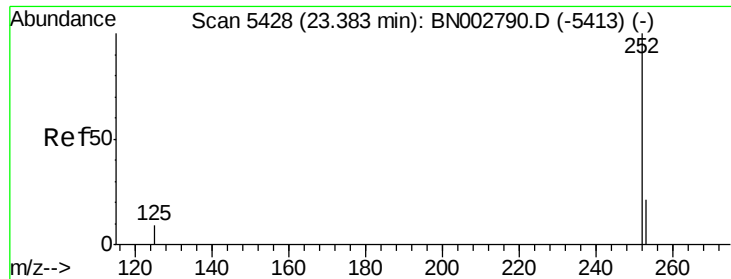
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.000 ng/u1

RT: 23.38 min Scan# 5428

Delta R.T. -0.00 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

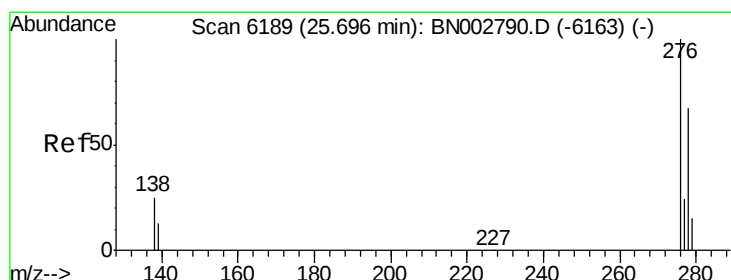
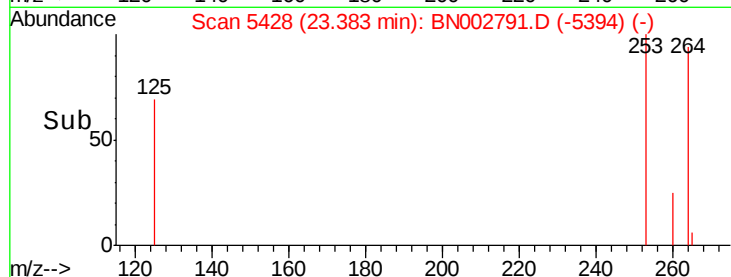
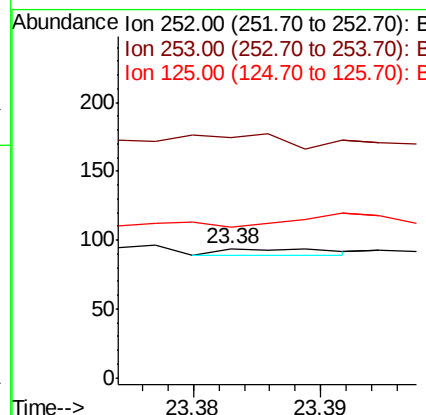
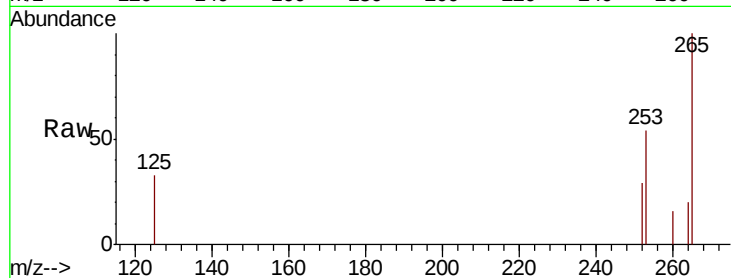
Instrument :

BNA_N

ClientSampleId :

SBLK91

Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	186.2	16.0	24.0#
125	116.0	12.0	18.0#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng/u1

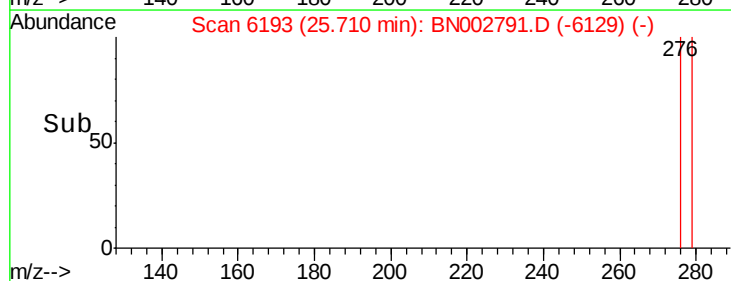
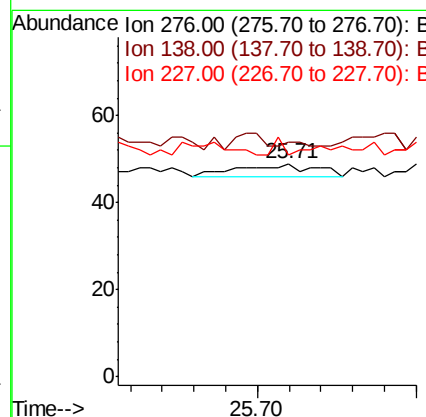
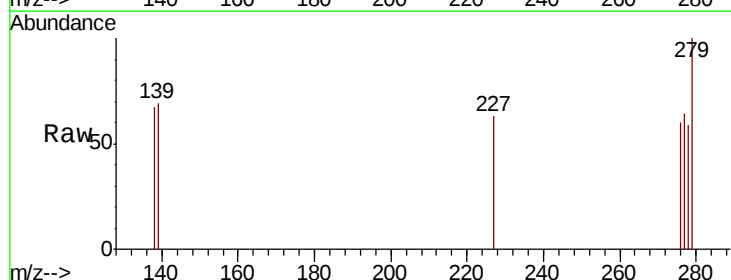
RT: 25.71 min Scan# 6193

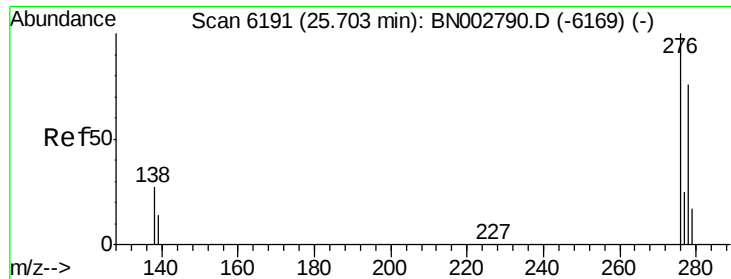
Delta R.T. 0.01 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Tgt Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
138	60.0	28.0	42.0#
227	20.0	0.8	1.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.000 ng/u1

RT: 25.74 min Scan# 6202

Delta R.T. 0.04 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

Instrument :

BNA_N

ClientSampled :

SBLK91

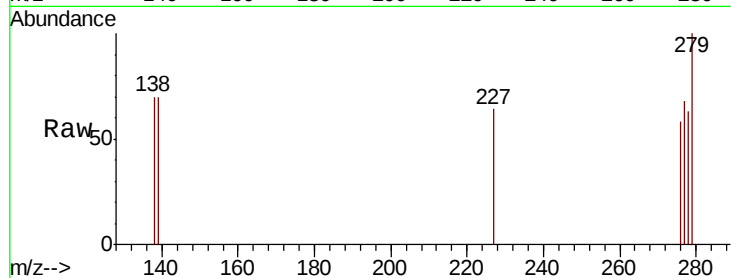
Tgt Ion:278 Resp: 4

Ion Ratio Lower Upper

278 100

139 112.0 17.4 26.0#

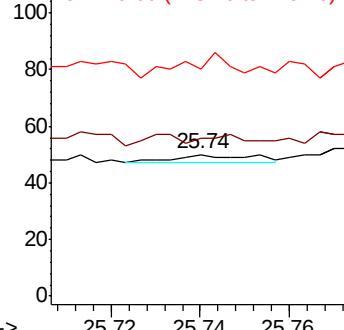
279 160.0 25.9 38.9#



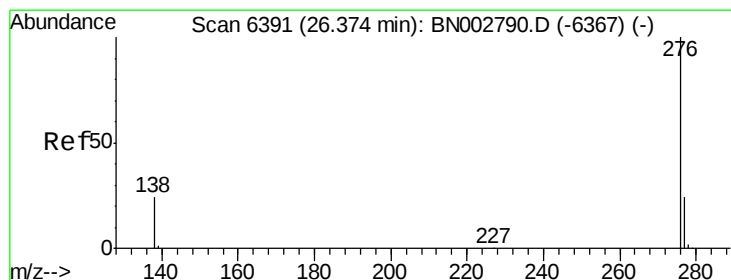
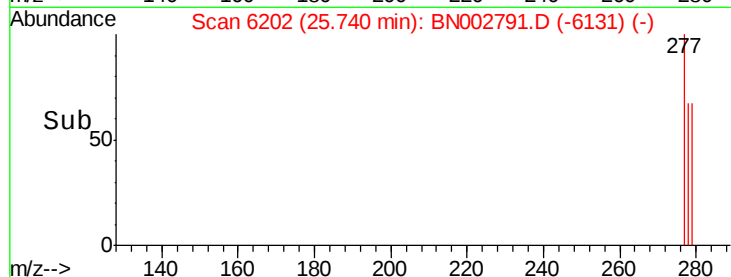
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.007 ng/u1

RT: 26.47 min Scan# 6420

Delta R.T. 0.10 min

Lab File: BN002791.D

Acq: 20 Sep 2018 17:58

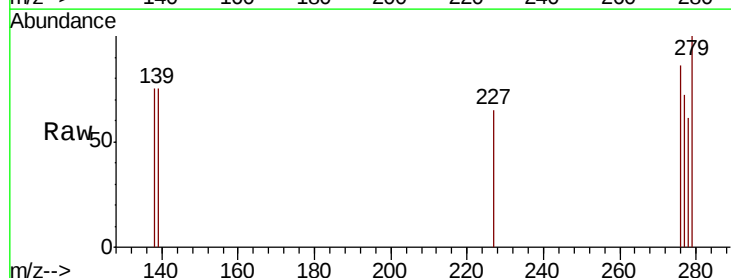
Tgt Ion:276 Resp: 110

Ion Ratio Lower Upper

276 100

138 86.8 21.8 32.8#

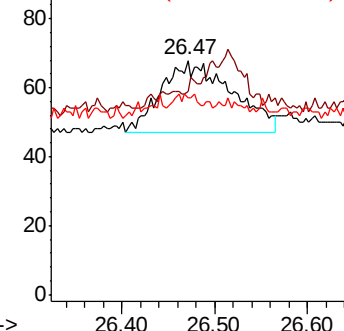
277 83.8 20.5 30.7#



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



Time-->

