

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002792.D
 Acq On : 20 Sep 2018 18:33
 Operator : JU/SJ
 Sample : PB113006BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK06

Quant Time: Sep 21 04:01:06 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	7.69	152	801	0.40	ng/ul	0.02
2) Naphthalene-d8	10.49	136	4401	0.40	ng/ul	0.06
6) Acenaphthene-d10	14.32	164	2458	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.09	188	4881	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	4730	0.40	ng/ul	0.01
20) Perylene-d12	23.49	264	4831	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2004	0.32	ng/ul	0.06
14) Fluoranthene-d10	19.10	212	4851	0.39	ng/ul	0.02

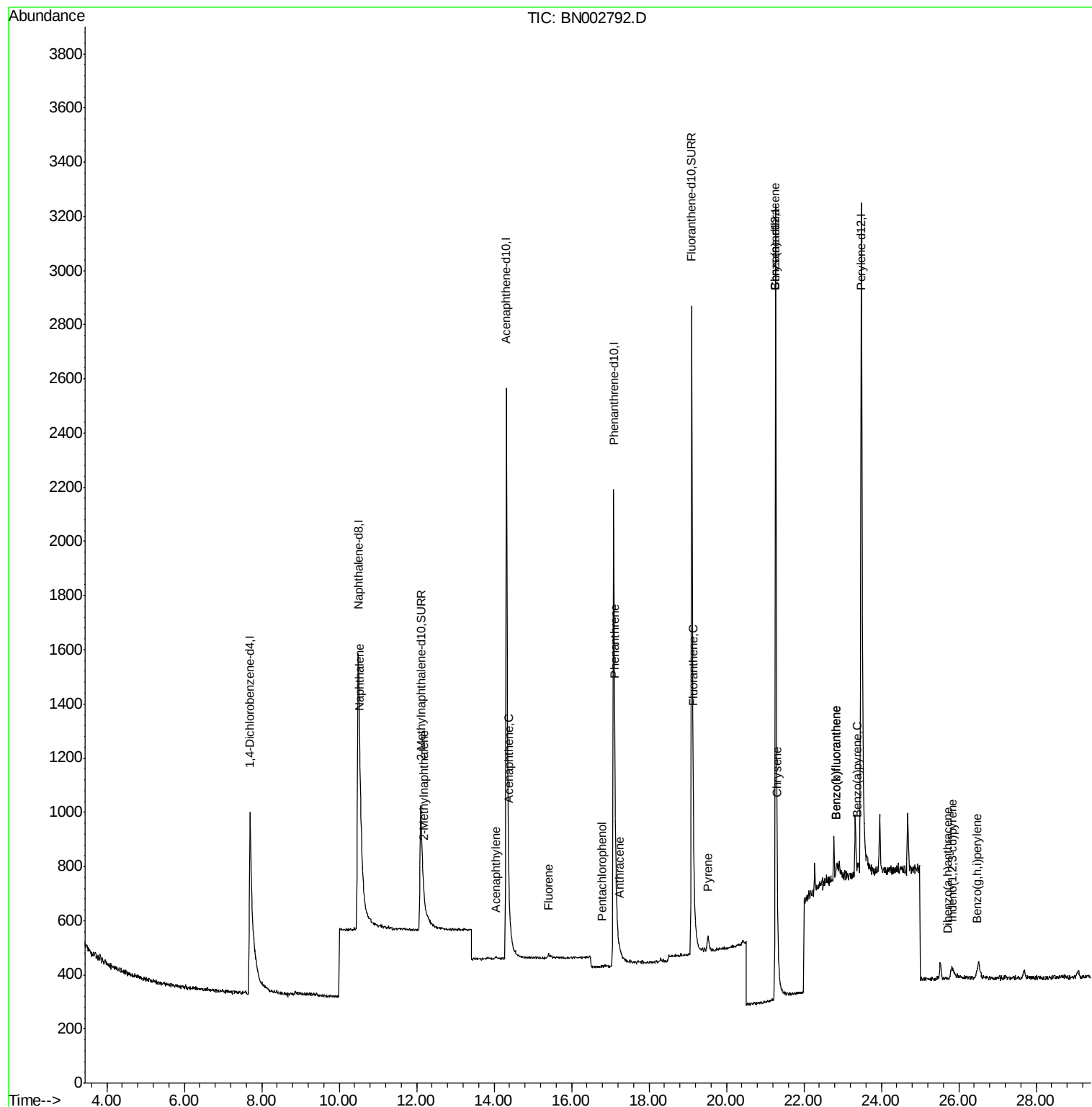
Target Compounds				Qvalue		
3) Naphthalene	10.54	128	4	0.000	ng/ul#	1
5) 2-Methylnaphthalene	12.18	142	1	0.000	ng/ul#	4
7) Acenaphthylene	14.06	152	1	0.000	ng/ul#	1
8) Acenaphthene	14.38	153	5	0.001	ng/ul#	67
9) Fluorene	15.39	166	1	0.000	ng/ul#	58
11) Pentachlorophenol	16.79	266	1	0.002	ng/ul#	1
12) Phenanthrene	17.12	178	13	0.001	ng/ul#	1
13) Anthracene	17.23	178	2	0.000	ng/ul#	1
15) Fluoranthene	19.15	202	8	0.001	ng/ul#	1
17) Pyrene	19.53	202	100	0.006	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	18	0.001	ng/ul#	1
19) Chrysene	21.32	228	80	0.005	ng/ul#	13
21) Benzo(b)fluoranthene	22.84	252	94	0.006	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	94	0.006	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	7	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.82	276	93	0.005	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.70	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.48	276	87	0.005	ng/ul#	1

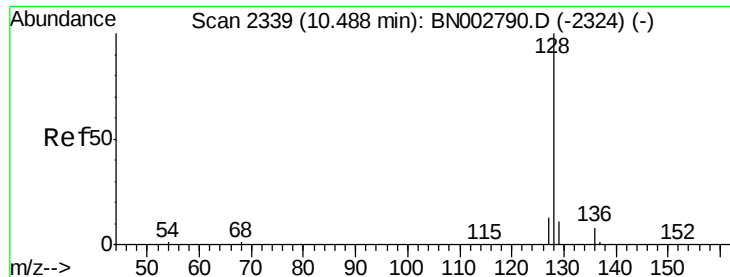
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.000 ng/ul

RT: 10.54 min Scan# 2348

Delta R.T. 0.05 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

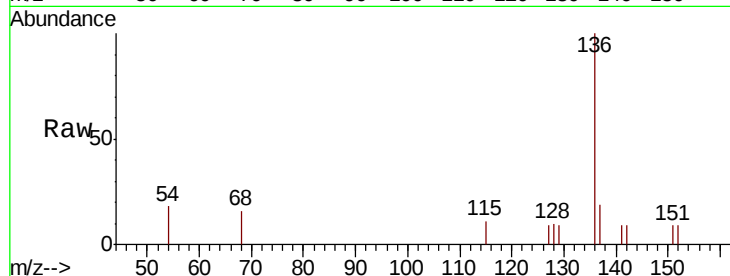
Instrument :

BNA_N

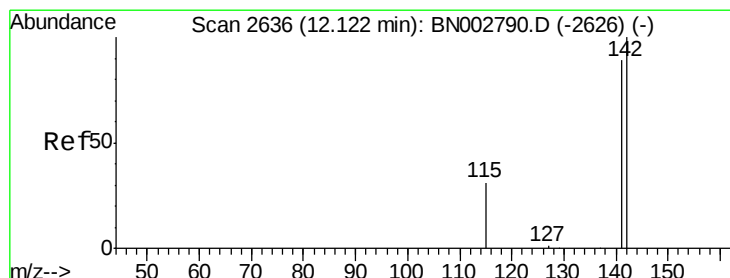
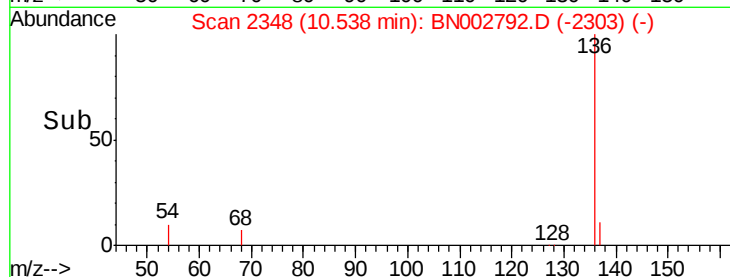
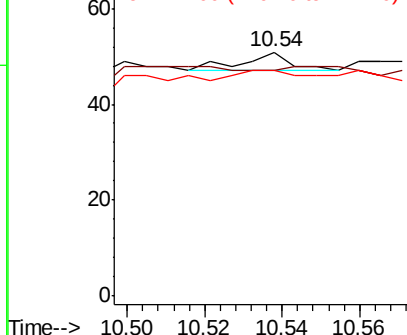
ClientSampleId :

SBLK06

Tgt Ion:	128	Resp:	4
Ion	Ratio	Lower	Upper
128	100		
129	92.2	8.0	12.0#
127	92.2	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

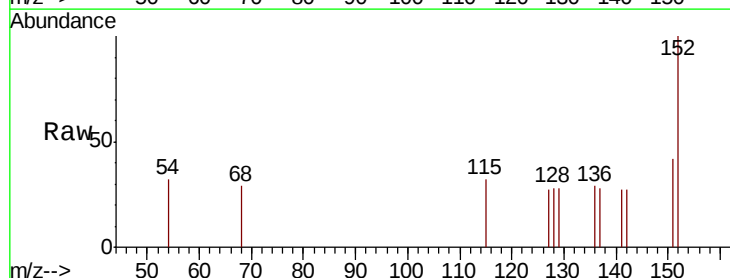
RT: 12.18 min Scan# 2647

Delta R.T. 0.06 min

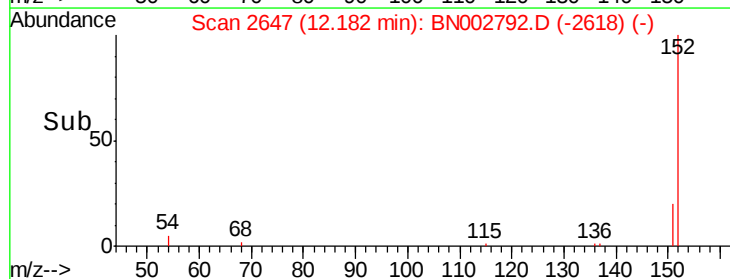
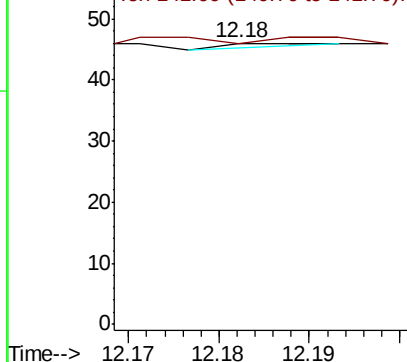
Lab File: BN002792.D

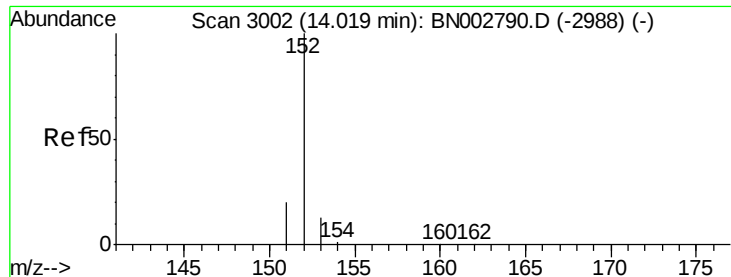
Acq: 20 Sep 2018 18:33

Tgt Ion:	142	Resp:	1
Ion	Ratio	Lower	Upper
142	100		
141	0.0	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: 0.000 ng/ul

RT: 14.06 min Scan# 3011

Delta R.T. 0.04 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

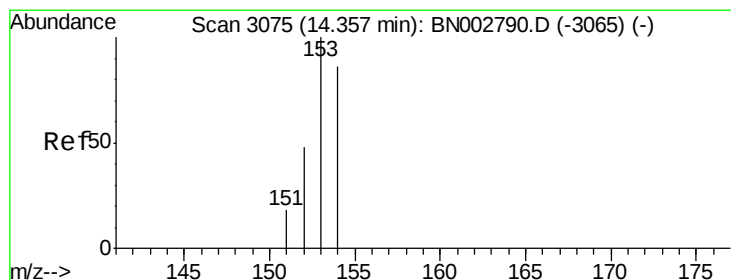
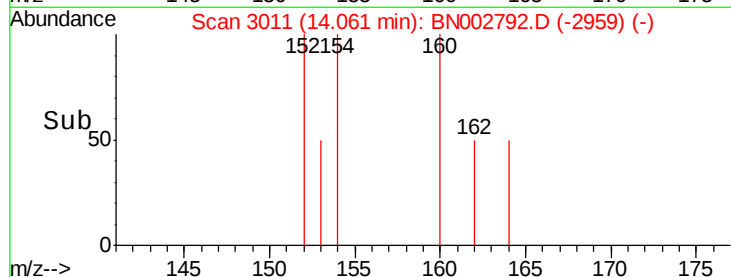
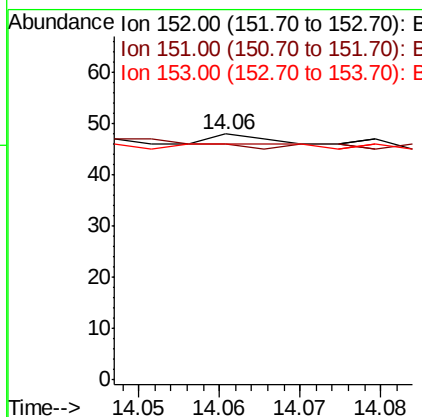
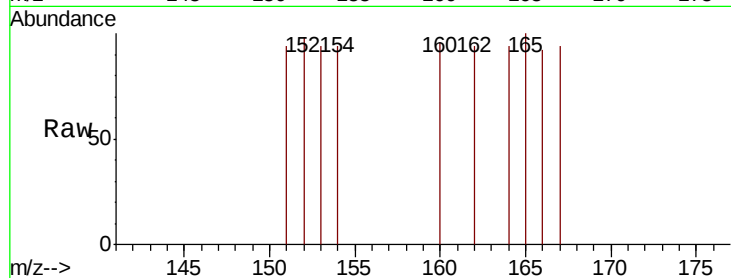
Instrument :

BNA_N

ClientSampleId :

SBLK06

Tgt Ion:	152	Resp:	1
Ion	Ratio	Lower	Upper
152	100		
151	95.8	17.1	25.7#
153	95.8	12.8	19.2#



#8

Acenaphthene

Concen: 0.001 ng/ul

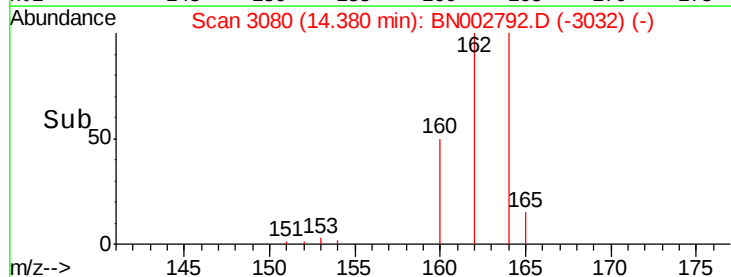
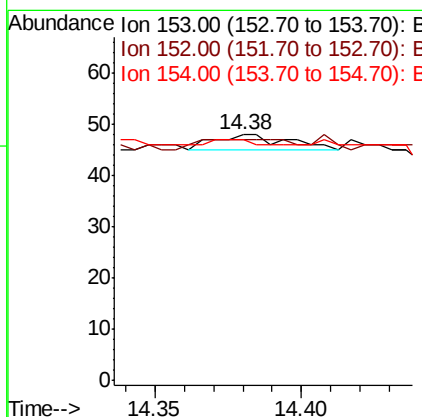
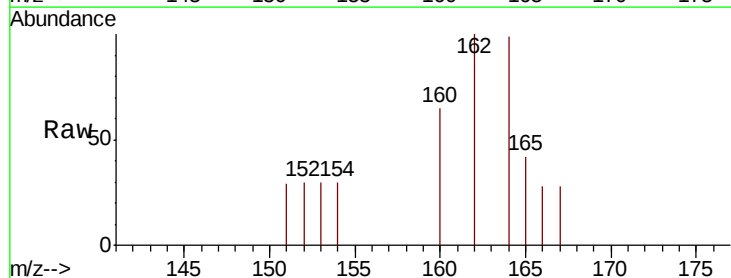
RT: 14.38 min Scan# 3080

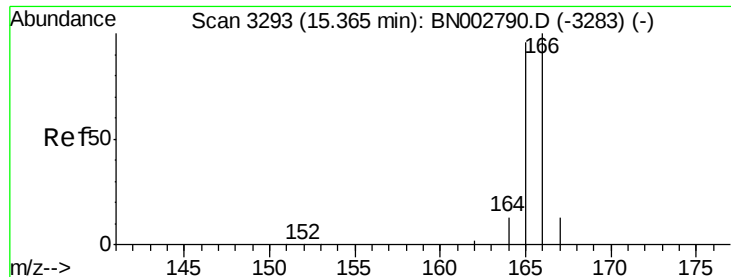
Delta R.T. 0.02 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

Tgt Ion:	153	Resp:	5
Ion	Ratio	Lower	Upper
153	100		
152	97.9	36.0	54.0#
154	97.9	72.0	108.0#

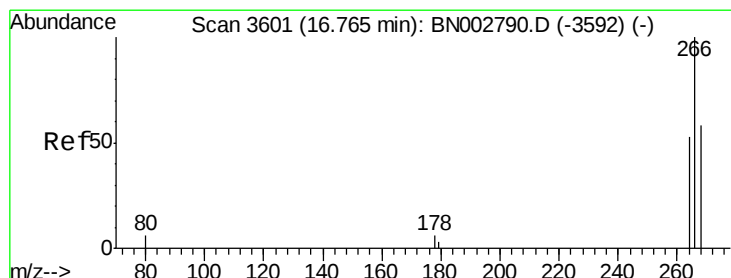
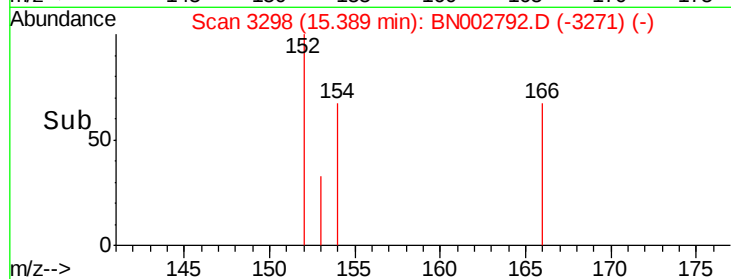
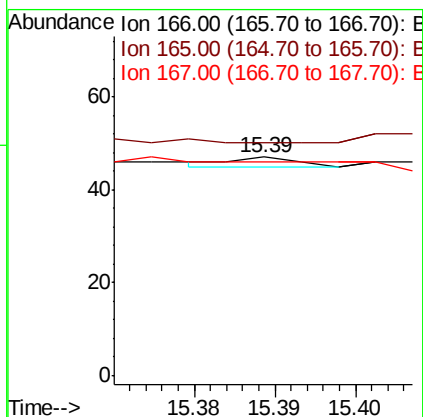
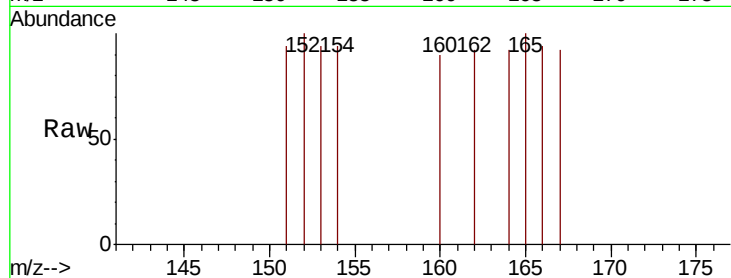




#9
Fluorene
 Concen: 0.000 ng/ul
 RT: 15.39 min Scan# 3298
 Delta R.T. 0.02 min
 Lab File: BN002792.D
 Acq: 20 Sep 2018 18:33

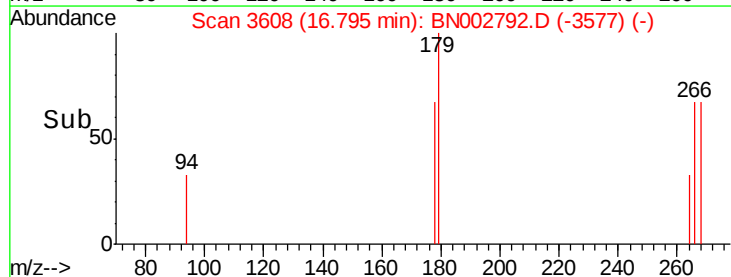
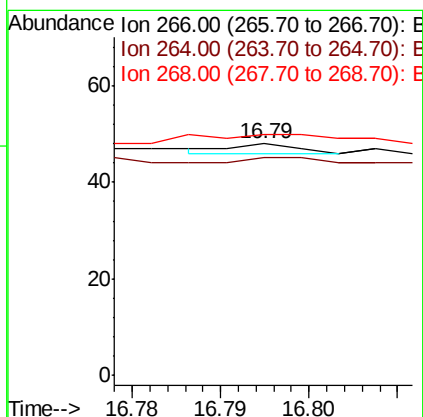
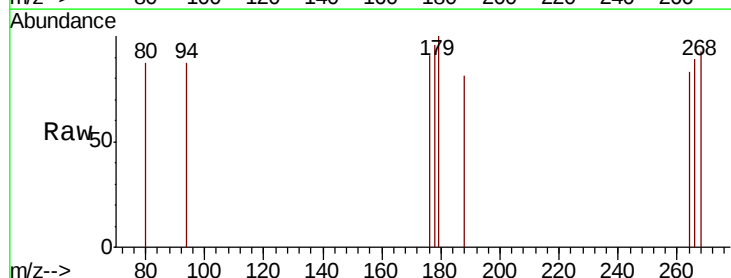
Instrument :
 BNA_N
 ClientSampleId :
 SBLK06

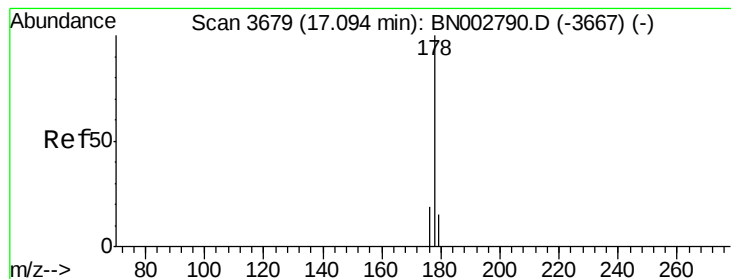
Tgt Ion:166 Resp: 1
 Ion Ratio Lower Upper
 166 100
 165 106.4 73.4 110.2
 167 97.9 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.002 ng/ul
 RT: 16.79 min Scan# 3608
 Delta R.T. 0.03 min
 Lab File: BN002792.D
 Acq: 20 Sep 2018 18:33

Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 100.0 47.9 71.9#
 268 400.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.001 ng/u1

RT: 17.12 min Scan# 3686

Delta R.T. 0.03 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

Instrument :

BNA_N

ClientSampleId :

SBLK06

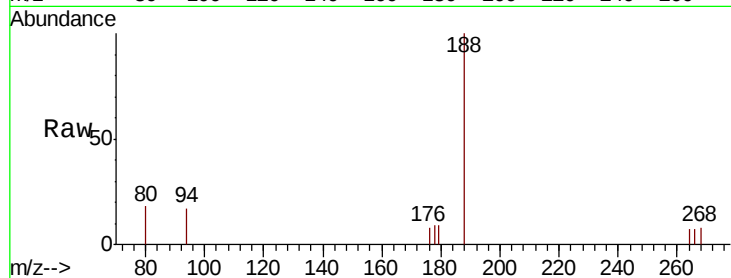
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

178 100

179 100.0 18.4 27.6#

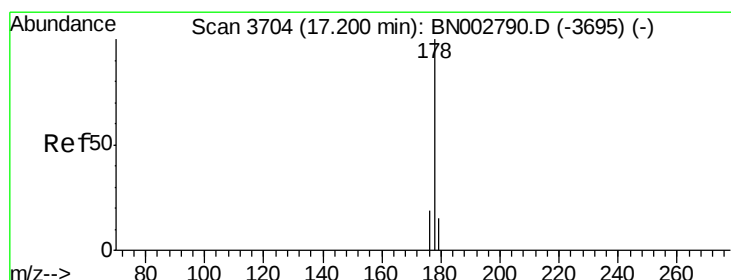
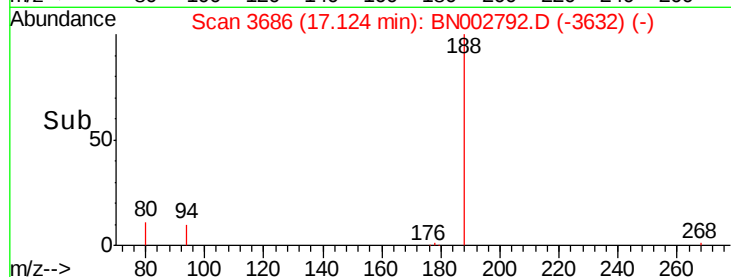
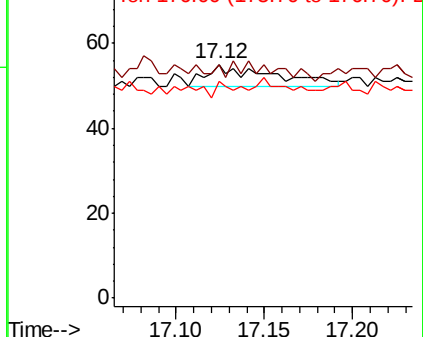
176 92.7 13.6 20.4#



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: 17.23 min Scan# 3712

Delta R.T. 0.03 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

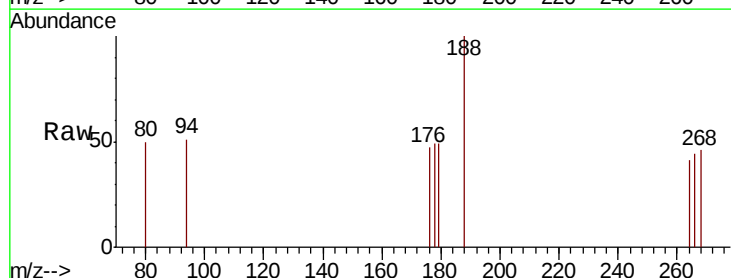
Tgt Ion:178 Resp: 2

Ion Ratio Lower Upper

178 100

179 100.0 18.1 27.1#

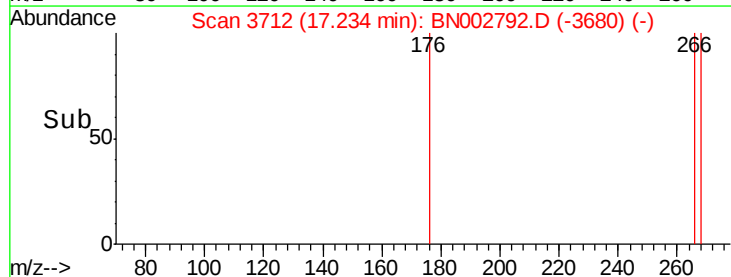
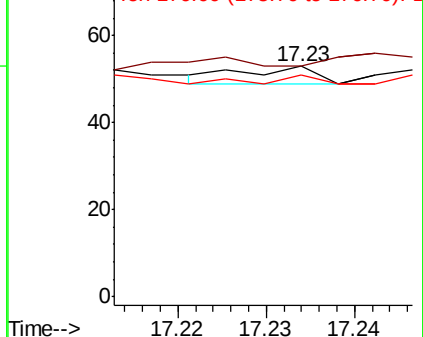
176 96.2 14.7 22.1#

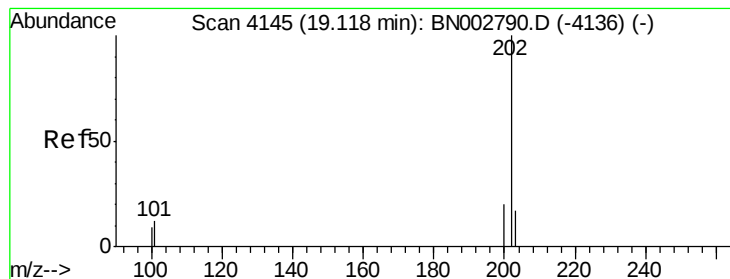


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.001 ng/ul

RT: 19.15 min Scan# 4151

Delta R.T. 0.03 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

Instrument :

BNA_N

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SBLK06

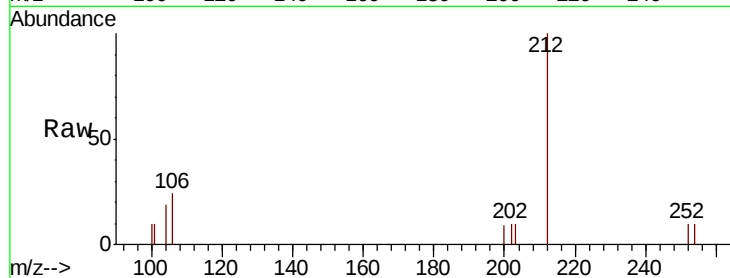
Tgt Ion:202 Resp: 8

Ion Ratio Lower Upper

202 100

101 96.0 0.0 30.0#

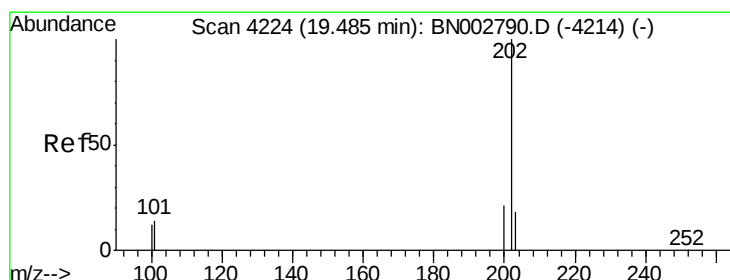
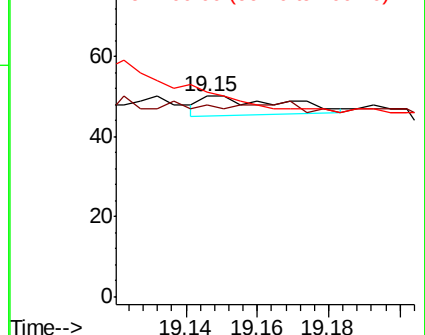
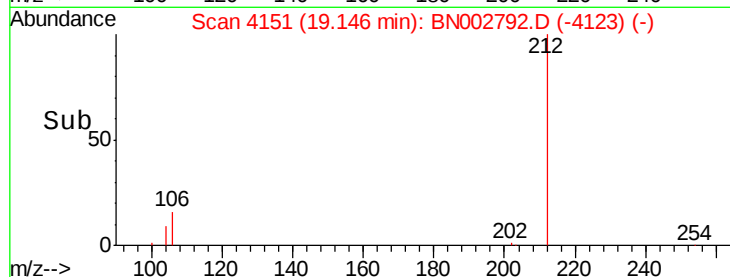
100 102.0 0.0 30.0#



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: 19.53 min Scan# 4233

Delta R.T. 0.04 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

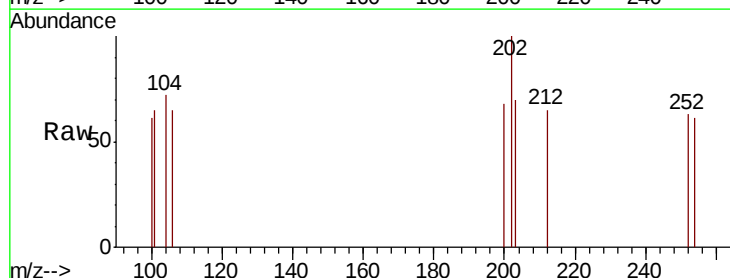
Tgt Ion:202 Resp: 100

Ion Ratio Lower Upper

202 100

101 64.6 12.0 18.0#

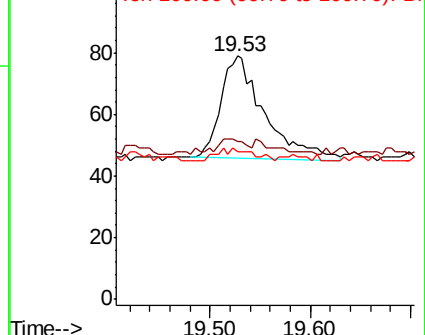
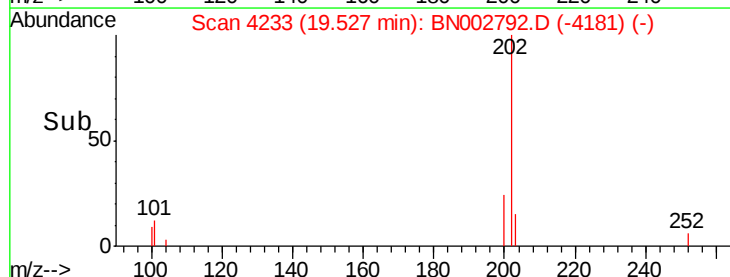
100 60.8 8.0 12.0#

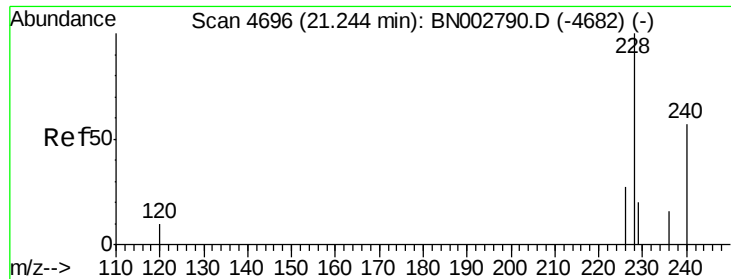


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.001 ng/ul

RT: 21.28 min Scan# 4707

Delta R.T. 0.03 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

Instrument :

BNA_N

ClientSampled :

SBLK06

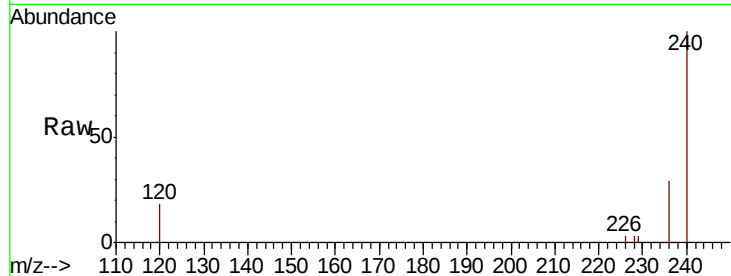
Tgt Ion:228 Resp: 18

Ion Ratio Lower Upper

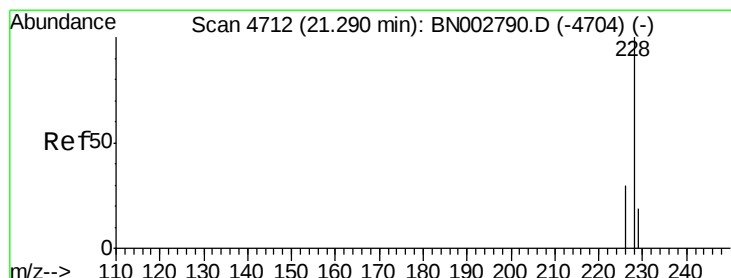
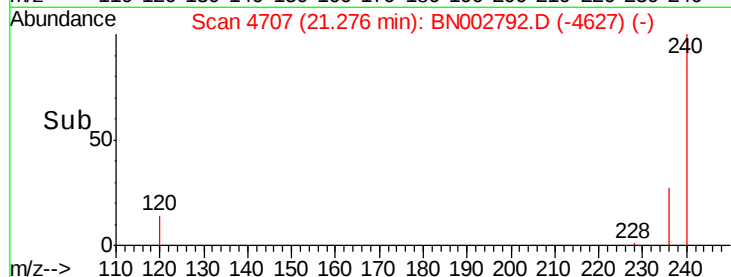
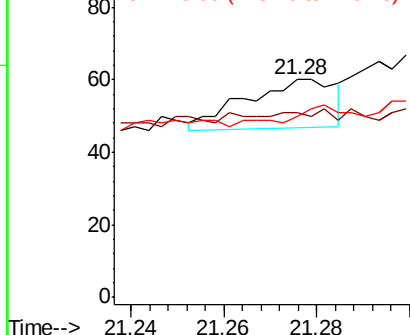
228 100

229 85.0 22.8 34.2#

226 83.3 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: 0.005 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. 0.03 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

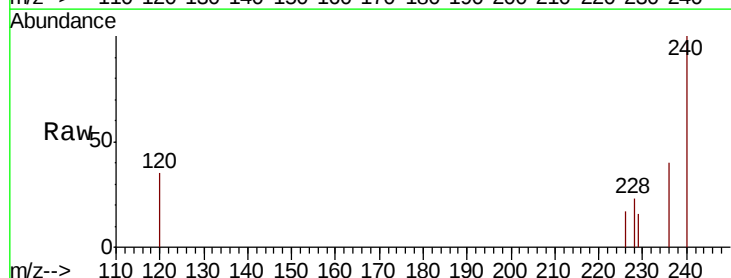
Tgt Ion:228 Resp: 80

Ion Ratio Lower Upper

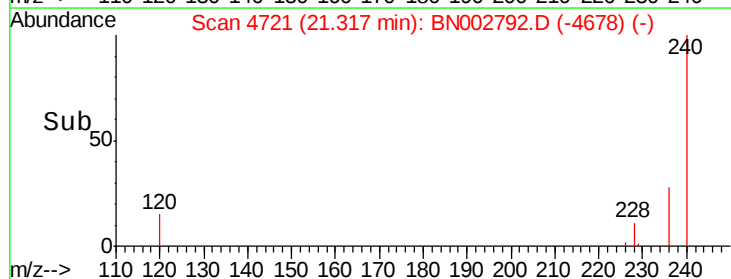
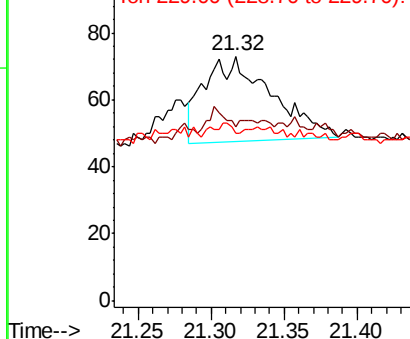
228 100

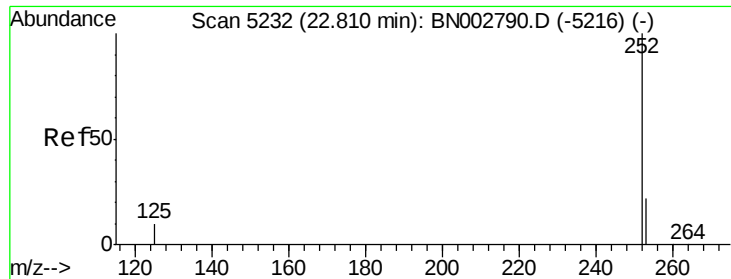
226 71.2 23.4 35.0#

229 68.5 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: 0.006 ng/u1

RT: 22.84 min Scan# 5243

Delta R.T. 0.03 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

Instrument :

BNA_N

ClientSampleId :

SBLK06

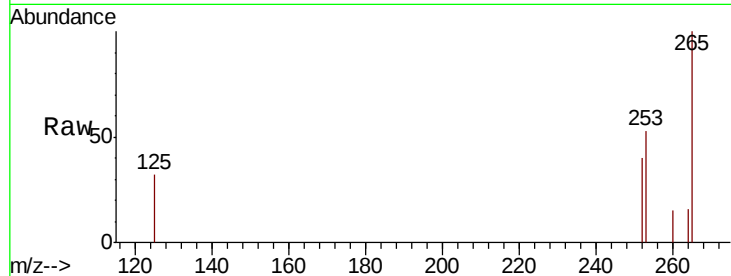
Tgt Ion:252 Resp: 94

Ion Ratio Lower Upper

252 100

253 132.5 0.0 64.2#

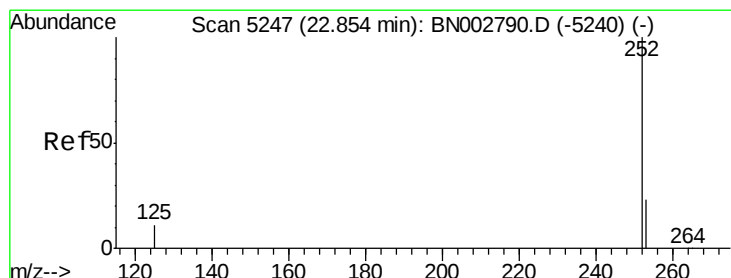
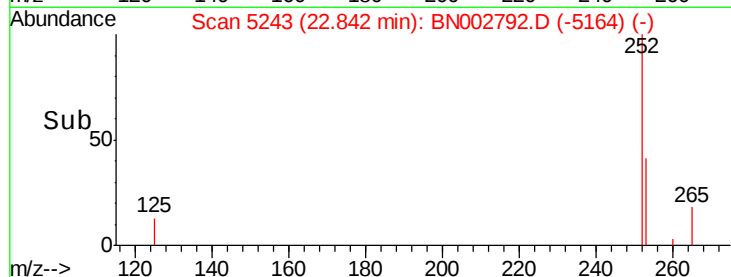
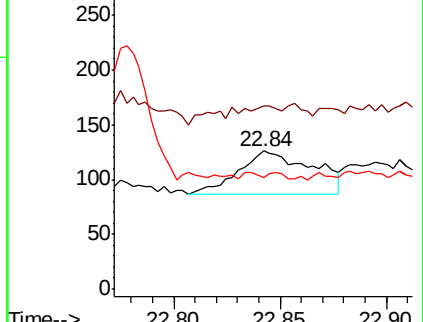
125 81.0 0.0 35.0#



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: 0.006 ng/u1

RT: 22.84 min Scan# 5243

Delta R.T. -0.01 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

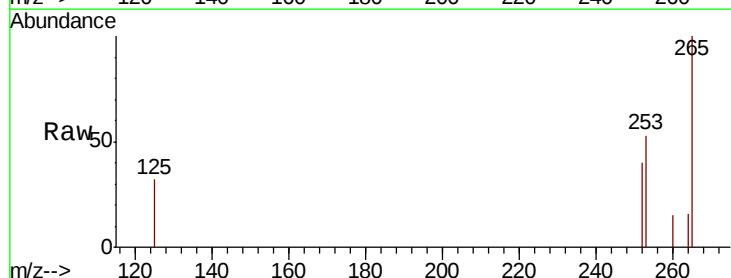
Tgt Ion:252 Resp: 94

Ion Ratio Lower Upper

252 100

253 132.5 24.5 36.7#

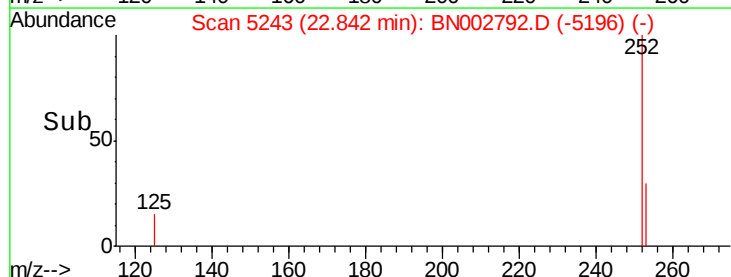
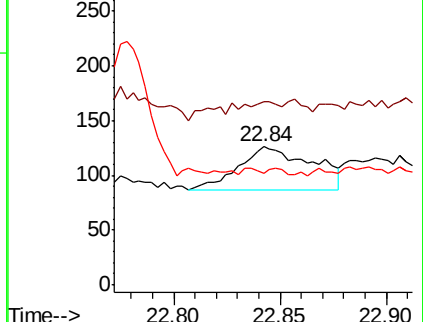
125 81.0 13.7 20.5#

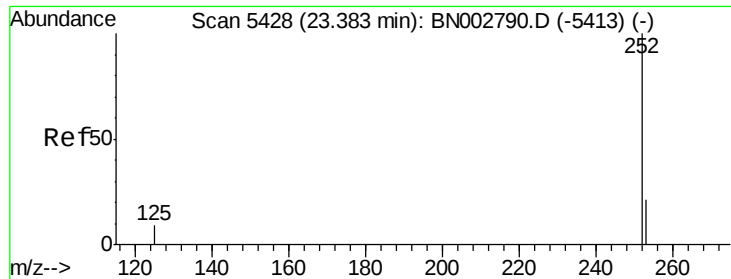


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.000 ng/u1

RT: 23.39 min Scan# 5431

Delta R.T. 0.01 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

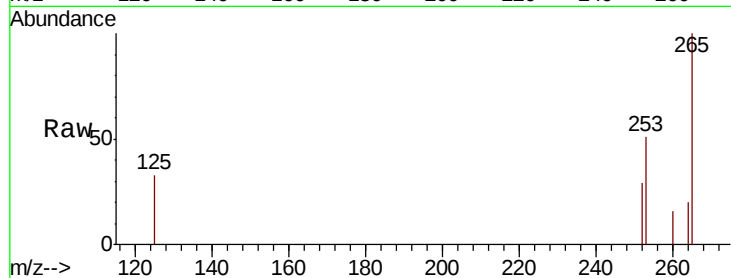
Instrument :

BNA_N

ClientSampleId :

SBLK06

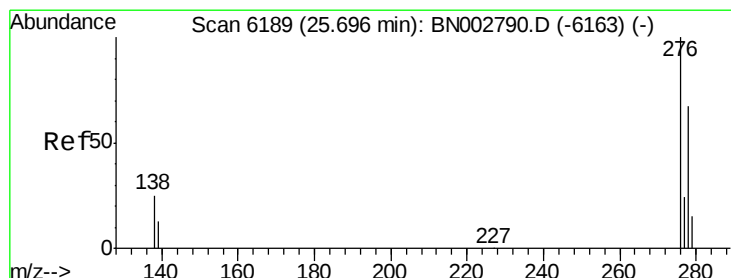
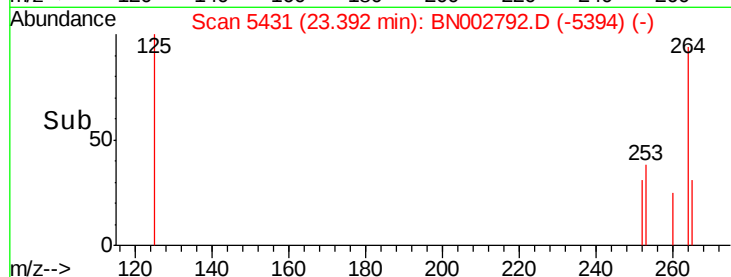
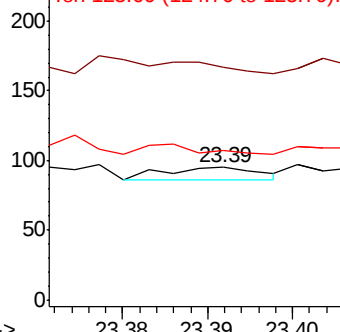
Tgt Ion:	252	Resp:	7
Ion	Ratio	Lower	Upper
252	100		
253	175.8	16.0	24.0#
125	112.6	12.0	18.0#



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: 0.005 ng/u1

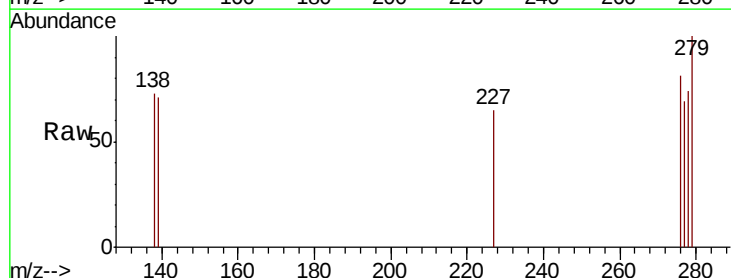
RT: 25.82 min Scan# 6225

Delta R.T. 0.12 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

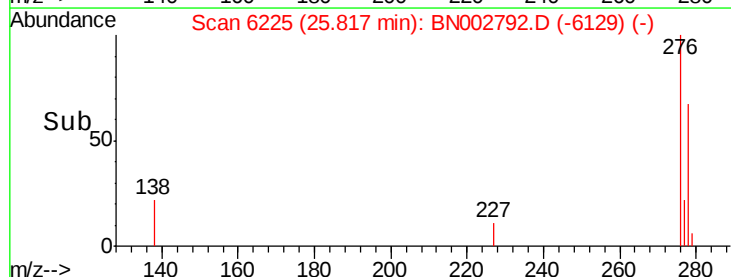
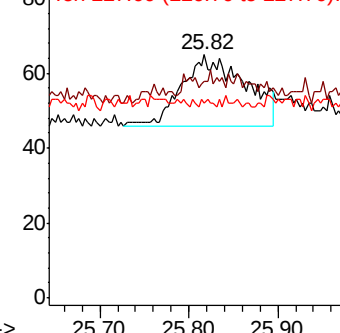
Tgt Ion:	276	Resp:	93
Ion	Ratio	Lower	Upper
276	100		
138	4.3	28.0	42.0#
227	1.1	0.8	1.2

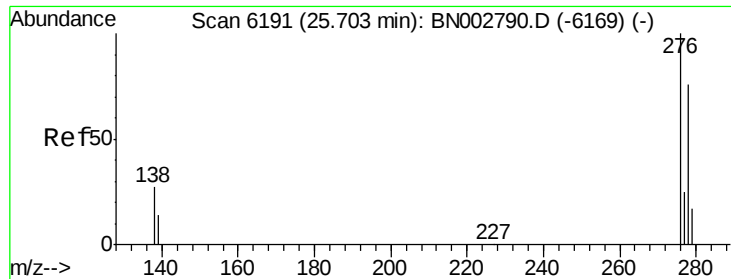


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.70 min Scan# 6191

Delta R.T. 0.00 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

Instrument :

BNA_N

ClientSampleId :

SBLK06

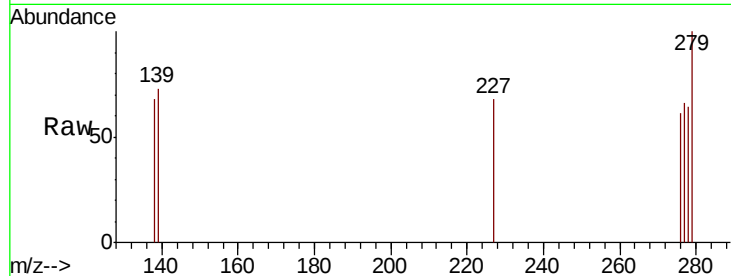
Tgt Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 114.3 17.4 26.0#

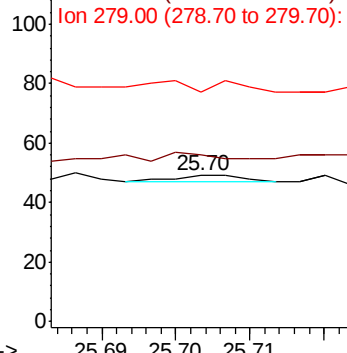
279 157.1 25.9 38.9#



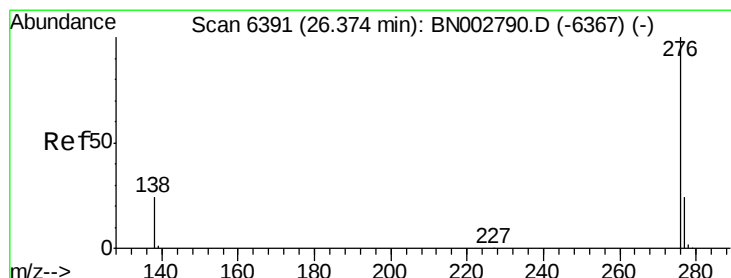
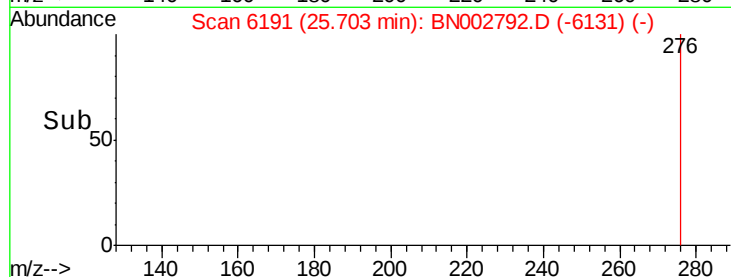
Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.005 ng/u1

RT: 26.48 min Scan# 6423

Delta R.T. 0.11 min

Lab File: BN002792.D

Acq: 20 Sep 2018 18:33

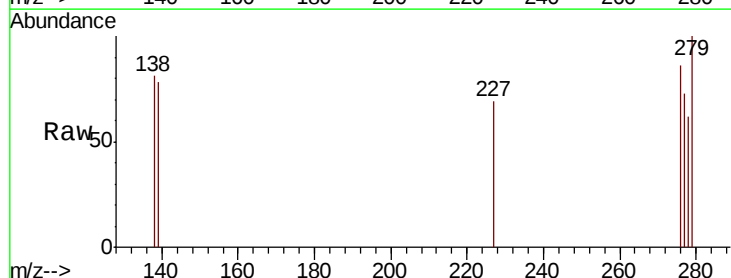
Tgt Ion:276 Resp: 87

Ion Ratio Lower Upper

276 100

138 93.9 21.8 32.8#

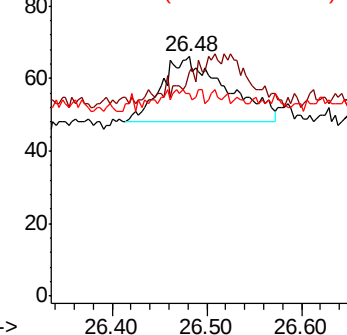
277 84.8 20.5 30.7#



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-->

