

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002805.D
 Acq On : 21 Sep 2018 02:08
 Operator : JU/SJ
 Sample : J4874-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZB1

Quant Time: Sep 21 04:02:37 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	1687	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6434	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3388	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	681521	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	6593	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	4183	0.45	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

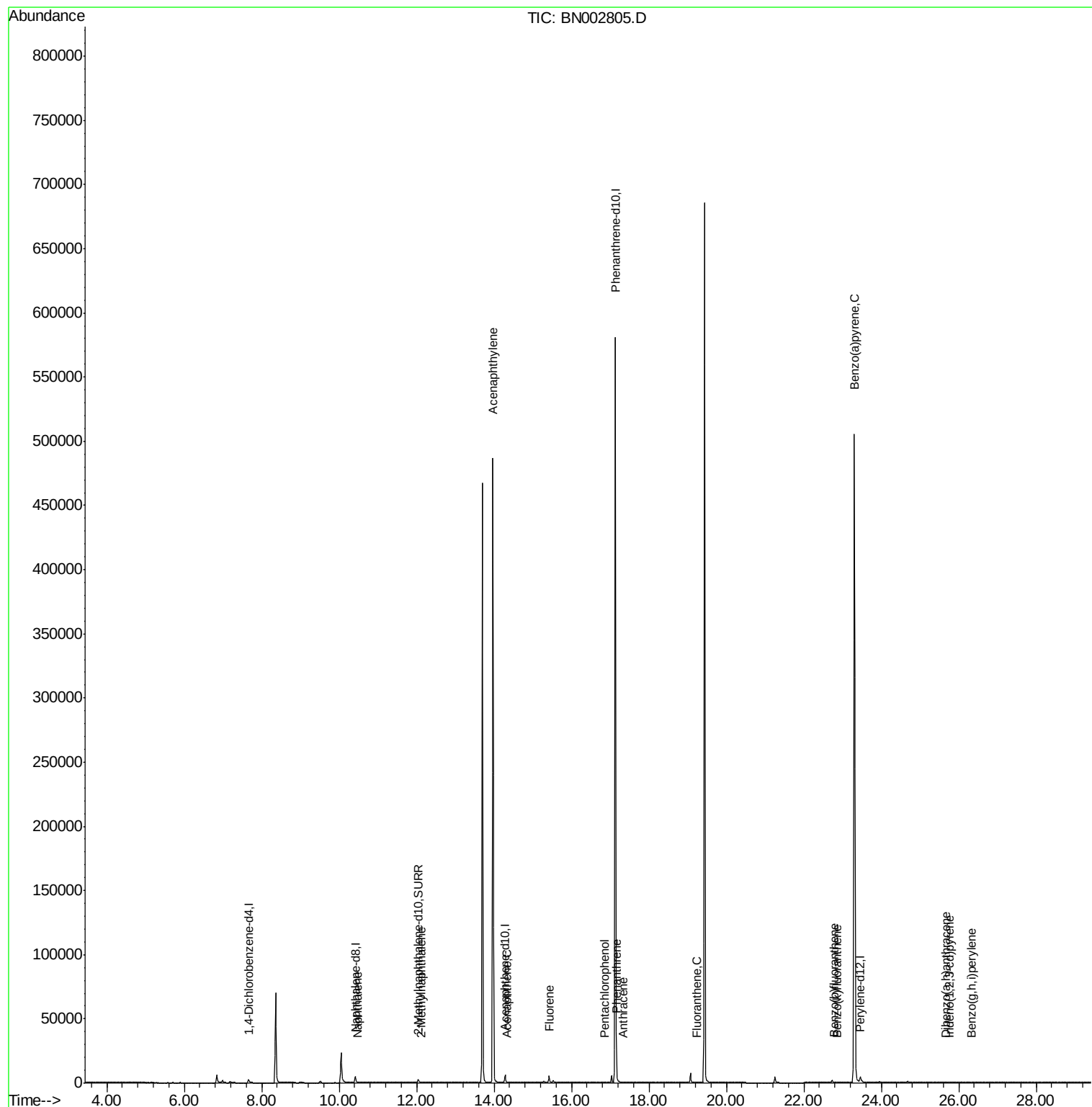
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	137	0.008	ng/ul#	7
5) 2-Methylnaphthalene	12.12	142	56	0.005	ng/ul	91
7) Acenaphthylene	13.97	152	51	0.004	ng/ul#	1
8) Acenaphthene	14.35	153	13	0.001	ng/ul#	70
9) Fluorene	15.42	166	67	0.005	ng/ul#	1
11) Pentachlorophenol	16.86	266	5	0.000	ng/ul#	46
12) Phenanthrene	17.17	178	103	0.000	ng/ul#	20
13) Anthracene	17.33	178	4	0.000	ng/ul#	1
15) Fluoranthene	19.24	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	124	0.006	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	85	0.004	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2444	0.117	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.76	276	83	0.003	ng/ul#	60
25) Dibenzo(a,h)anthracene	25.68	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.34	276	3	0.000	ng/ul#	1

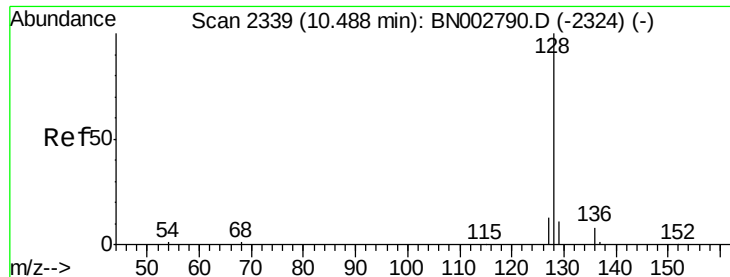
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.008 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

Instrument :

BNA_N

ClientSampleId :

A3ZB1

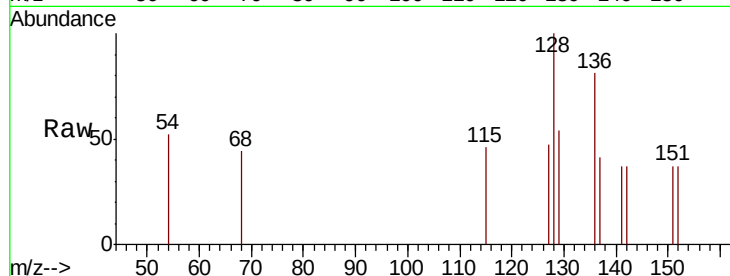
Tgt Ion:128 Resp: 137

Ion Ratio Lower Upper

128 100

129 54.0 8.0 12.0#

127 46.8 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

10.47

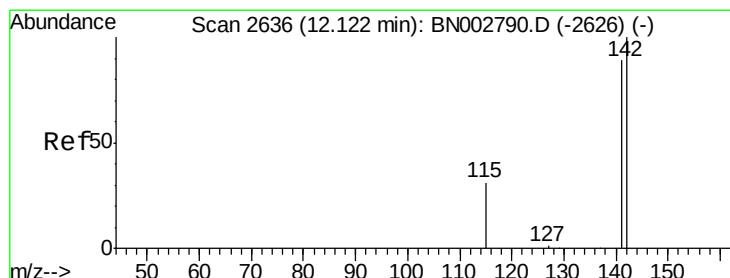
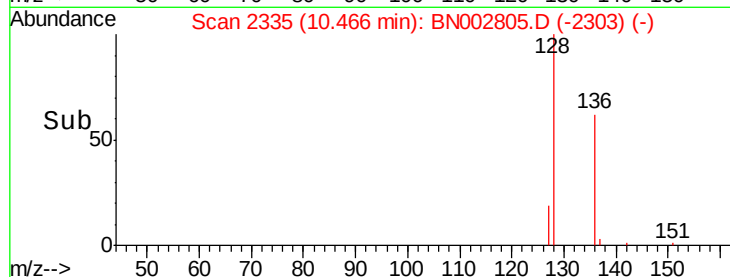
100

50

0

Time-->

10.40 10.45 10.50



#5

2-Methylnaphthalene

Concen: 0.005 ng/ul

RT: 12.12 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BN002805.D

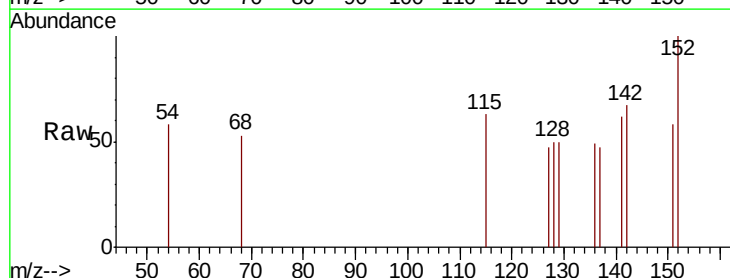
Acq: 21 Sep 2018 02:08

Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

142 100

141 82.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.12

60

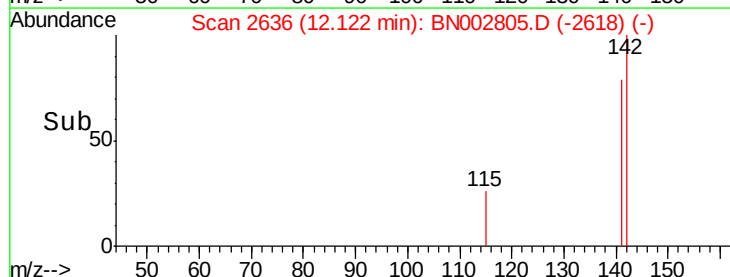
40

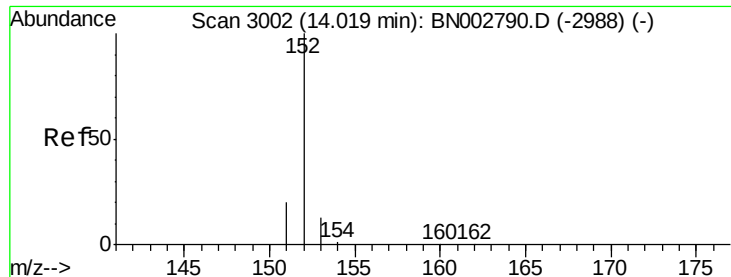
20

0

Time-->

12.10 12.20





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.05 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

Instrument :

BNA_N

ClientSampleId :

A3ZB1

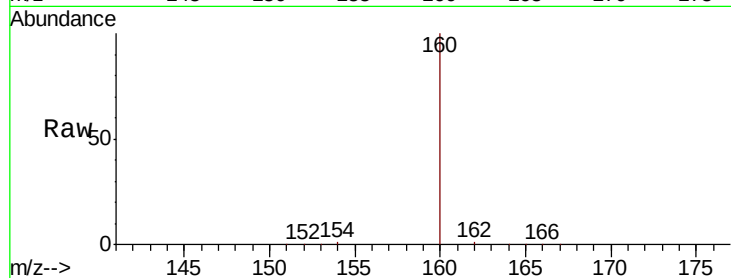
Tgt Ion:152 Resp: 51

Ion Ratio Lower Upper

152 100

151 70.6 17.1 25.7#

153 173.5 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

150

100

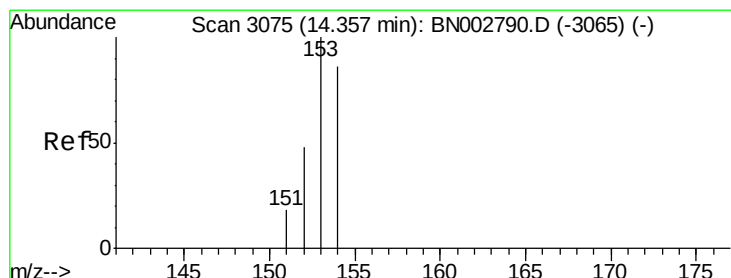
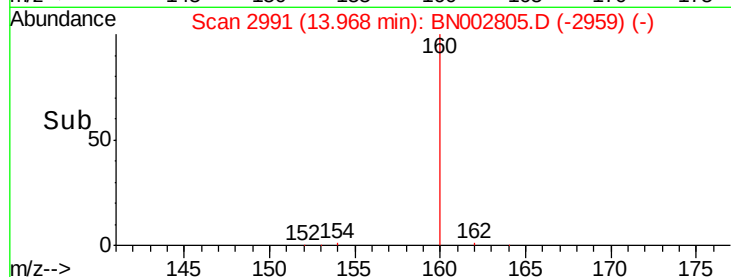
50

0

13.97

Time-->

13.90 14.00



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

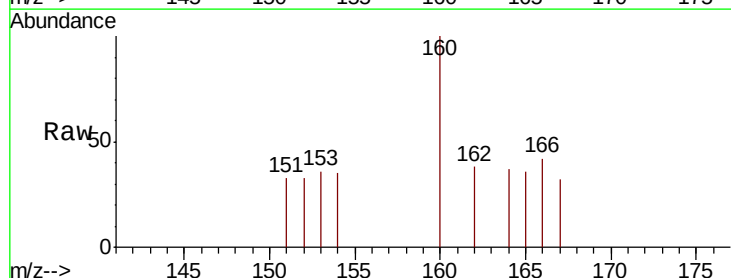
Tgt Ion:153 Resp: 13

Ion Ratio Lower Upper

153 100

152 92.5 36.0 54.0#

154 98.1 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

60

40

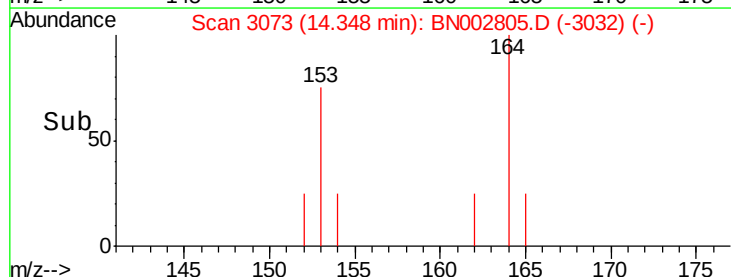
20

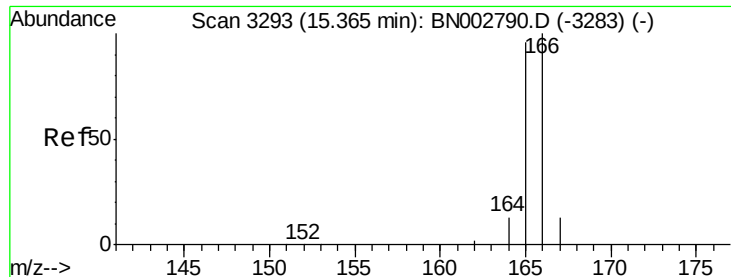
0

14.35

Time-->

14.30 14.35

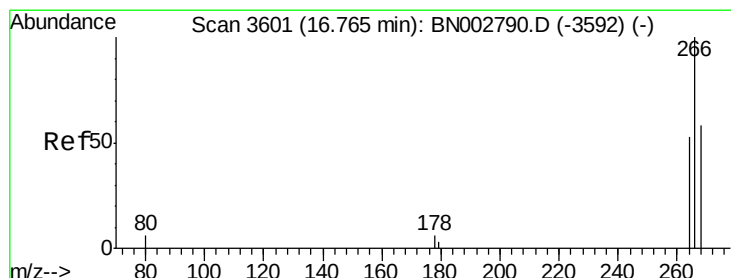
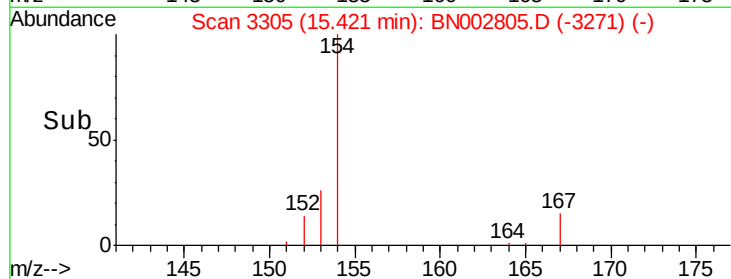
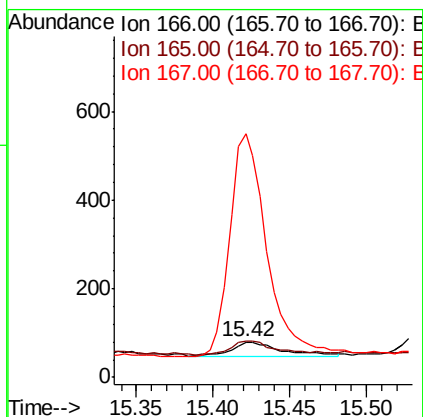
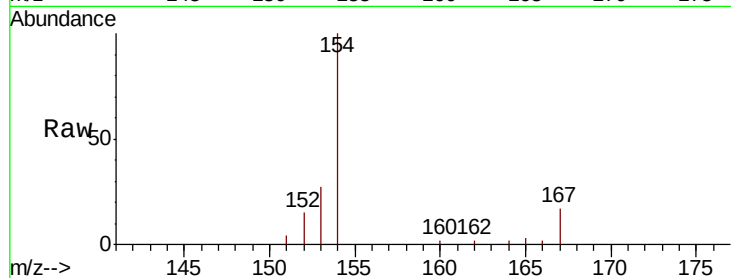




#9
Fluorene
 Concen: 0.005 ng/ul
 RT: 15.42 min Scan# 3305
 Delta R.T. 0.06 min
 Lab File: BN002805.D
 Acq: 21 Sep 2018 02:08

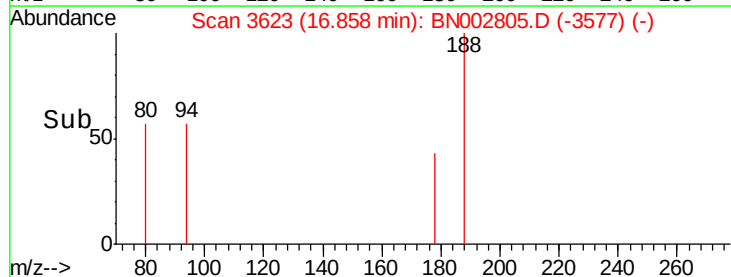
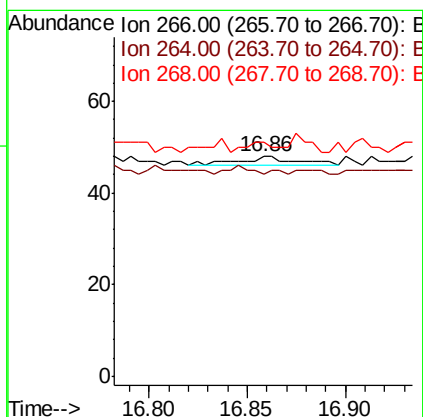
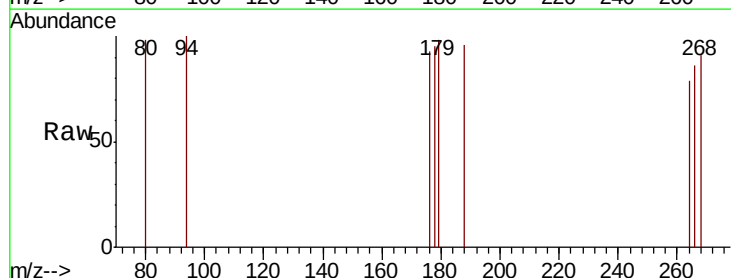
Instrument :
 BNA_N
 ClientSampleId :
 A3ZB1

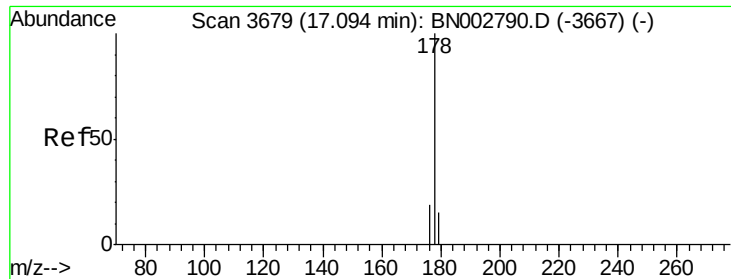
Tgt Ion:166 Resp: 67
 Ion Ratio Lower Upper
 166 100
 165 102.5 73.4 110.2
 167 686.3 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 16.86 min Scan# 3623
 Delta R.T. 0.09 min
 Lab File: BN002805.D
 Acq: 21 Sep 2018 02:08

Tgt Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 20.0 47.9 71.9#
 268 20.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. 0.07 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

Instrument :

BNA_N

ClientSampleId :

A3ZB1

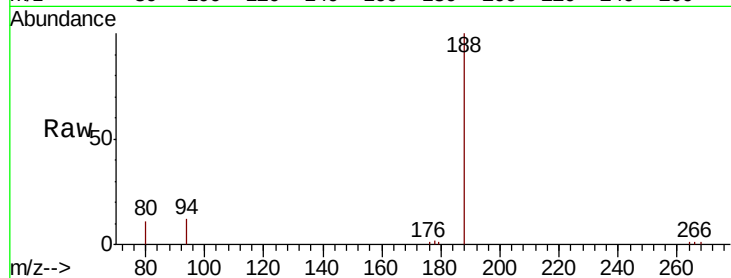
Tgt Ion:178 Resp: 103

Ion Ratio Lower Upper

178 100

179 60.8 18.4 27.6#

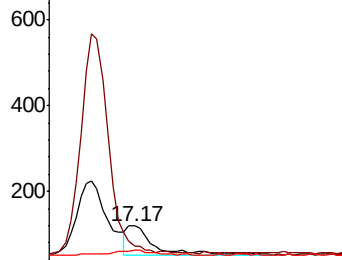
176 52.5 13.6 20.4#



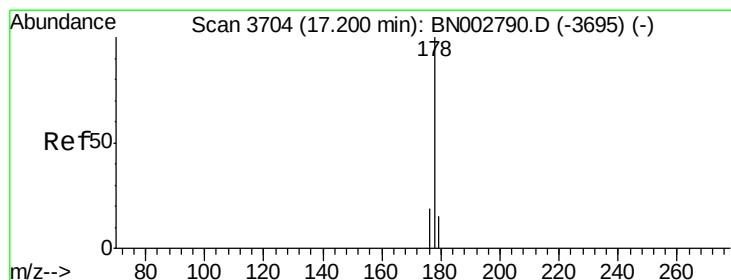
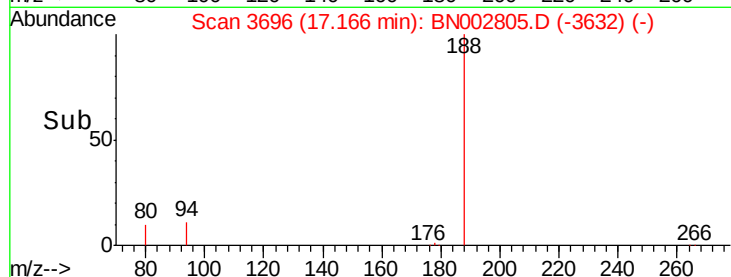
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.10 17.20 17.30



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.33 min Scan# 3735

Delta R.T. 0.13 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

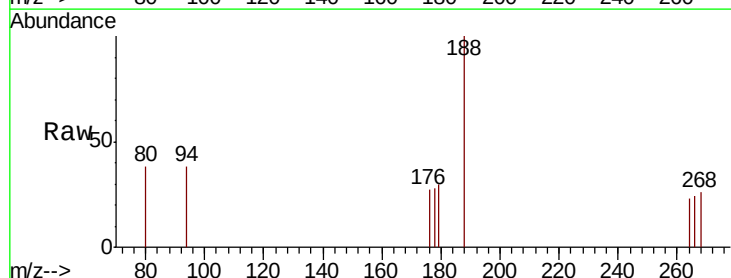
Tgt Ion:178 Resp: 4

Ion Ratio Lower Upper

178 100

179 105.5 18.1 27.1#

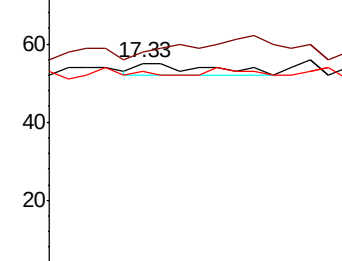
176 96.4 14.7 22.1#



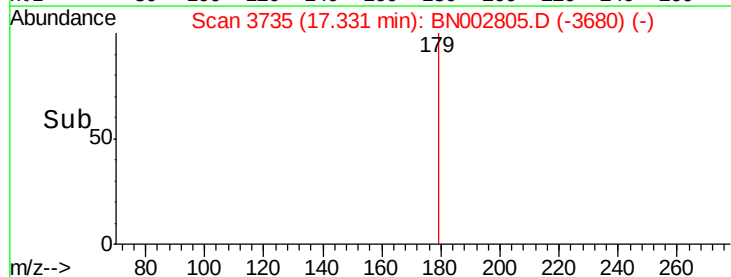
Abundance Ion 178.00 (177.70 to 178.70): E

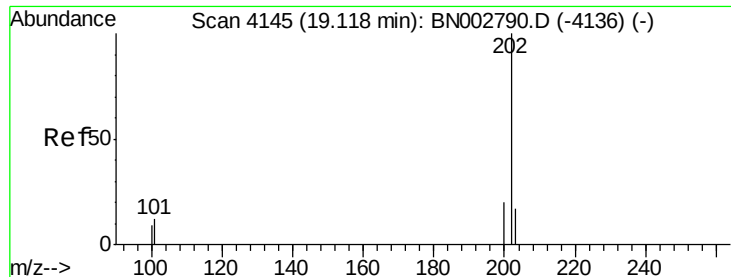
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.32 17.34 17.36





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.24 min Scan# 4172

Delta R.T. 0.13 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

Instrument :

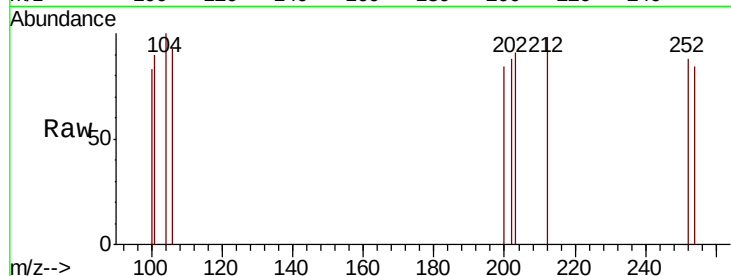
BNA_N

ClientSampleId :

A3ZB1

Tgt Ion:202 Resp: 2

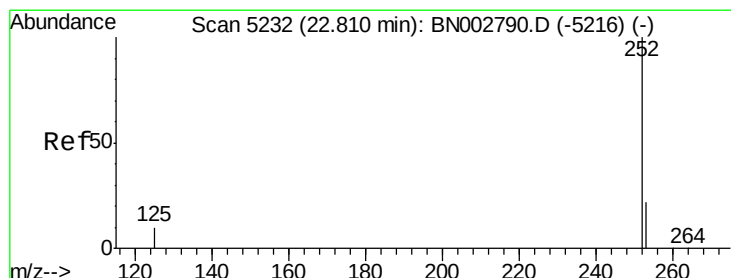
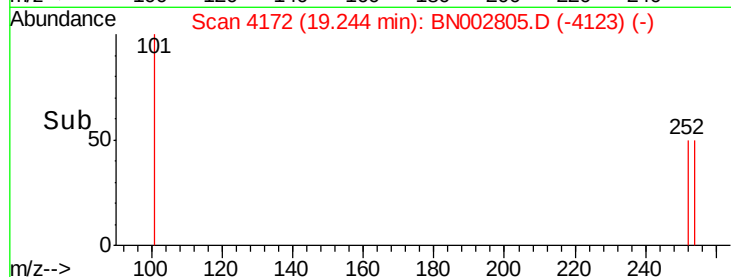
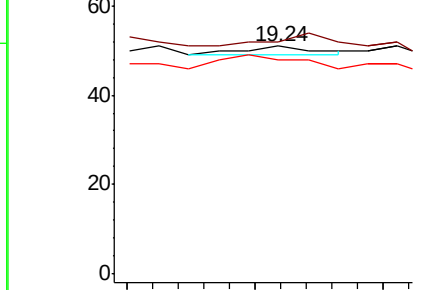
Ion	Ratio	Lower	Upper
202	100		
101	102.0	0.0	30.0#
100	94.1	0.0	30.0#



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



#21

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

RT: 22.80 min Scan# 5228

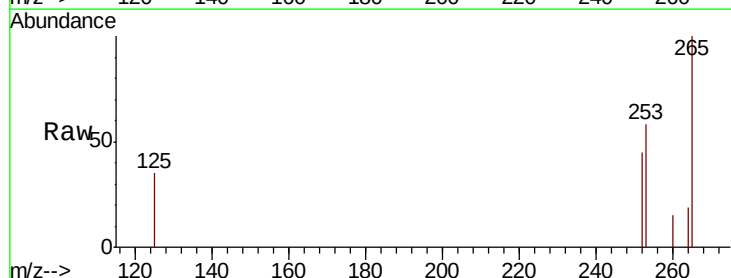
Delta R.T. -0.01 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

Tgt Ion:252 Resp: 124

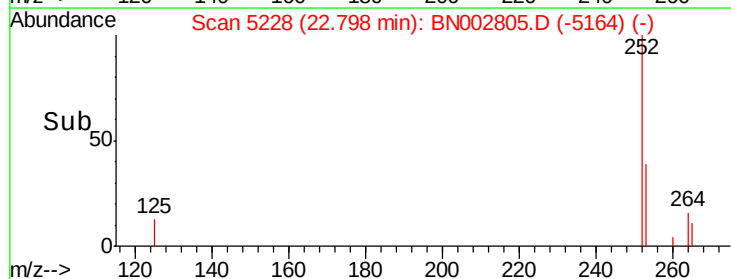
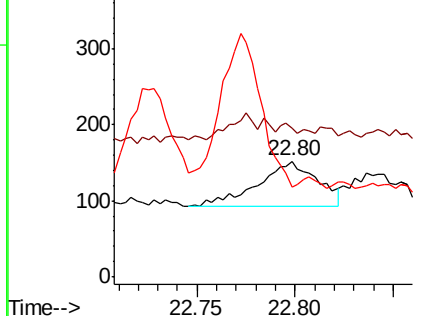
Ion	Ratio	Lower	Upper
252	100		
253	128.9	0.0	64.2#
125	77.6	0.0	35.0#

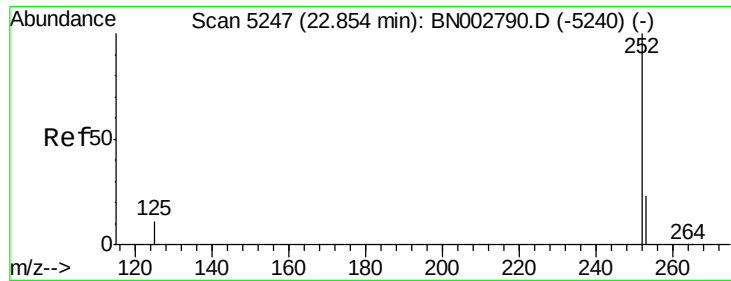


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 22.84 min Scan# 5241

Delta R.T. -0.02 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

Instrument :

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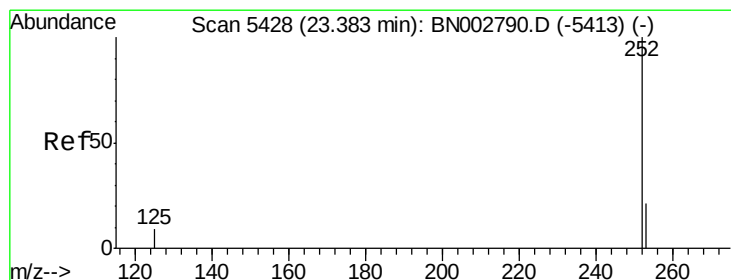
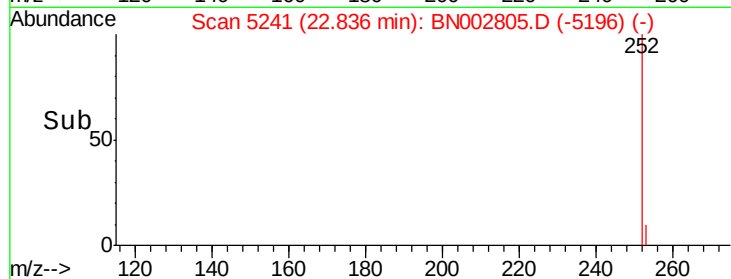
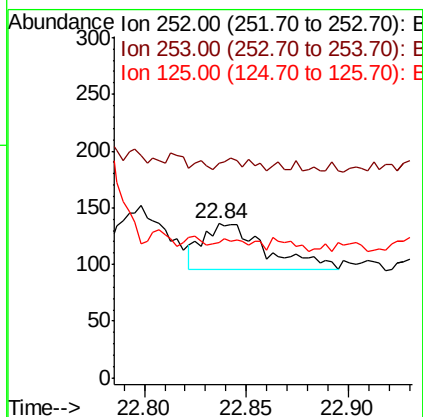
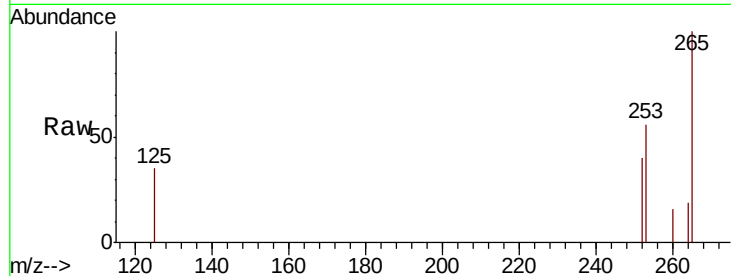
Tgt Ion:252 Resp: 85

Ion Ratio Lower Upper

252 100

253 139.0 24.5 36.7#

125 87.5 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.117 ng/ul

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

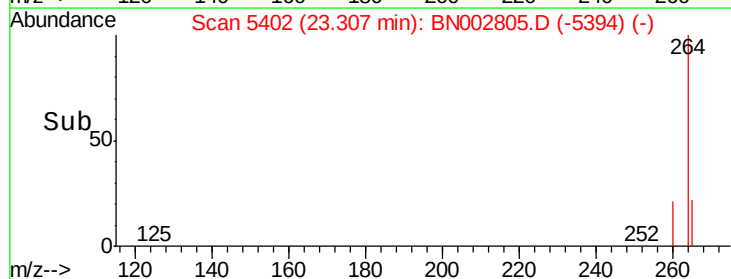
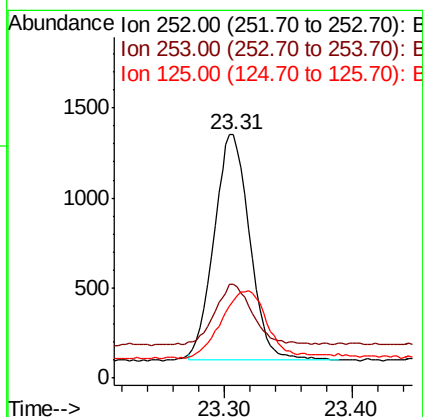
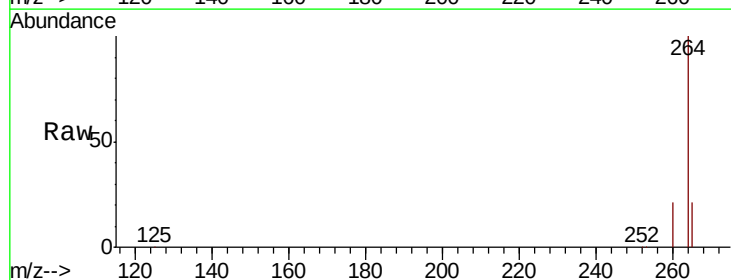
Tgt Ion:252 Resp: 2444

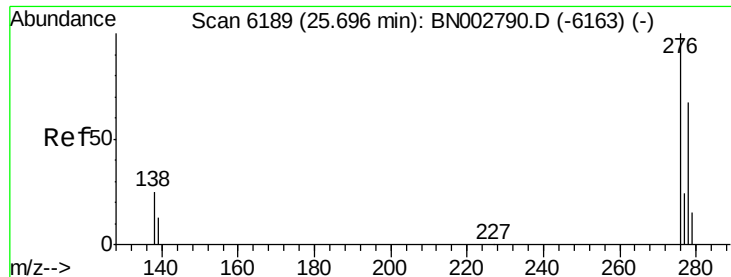
Ion Ratio Lower Upper

252 100

253 38.4 16.0 24.0#

125 31.8 12.0 18.0#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng/ul

RT: 25.76 min Scan# 6208

Delta R.T. 0.06 min

Lab File: BN002805.D

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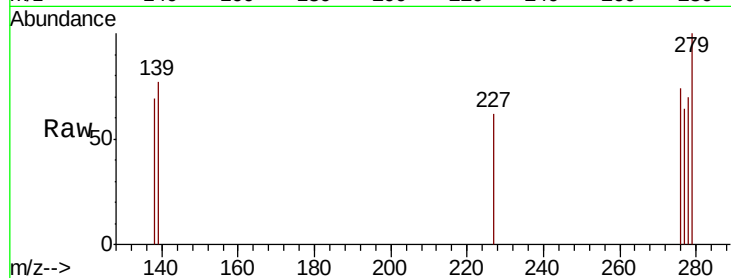
Tgt Ion: 276 Resp: 83

Ion Ratio Lower Upper

276 100

138 10.8 28.0 42.0#

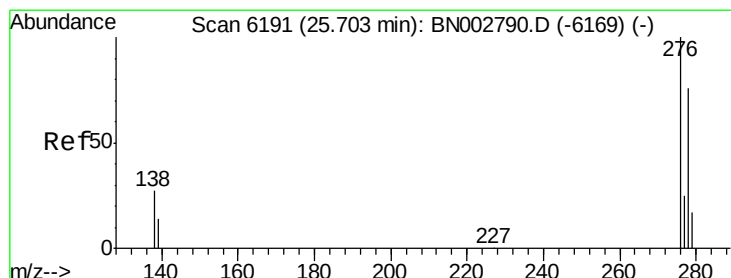
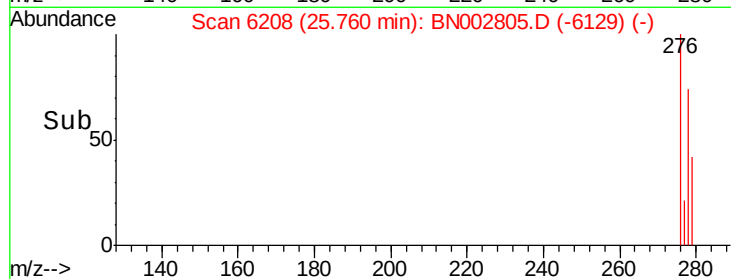
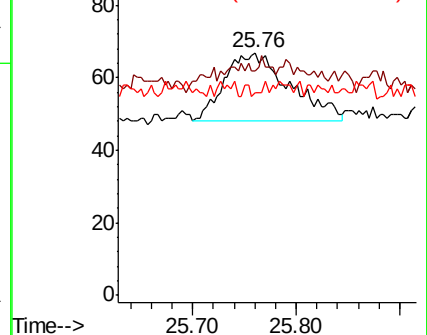
227 1.2 0.8 1.2#



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/ul

RT: 25.68 min Scan# 6183

Delta R.T. -0.03 min

Lab File: BN002805.D

Acq: 21 Sep 2018 02:08

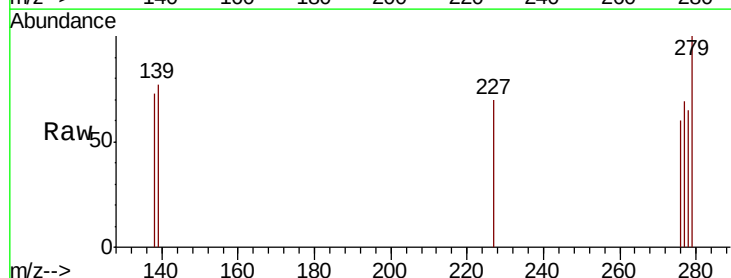
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 117.0 17.4 26.0#

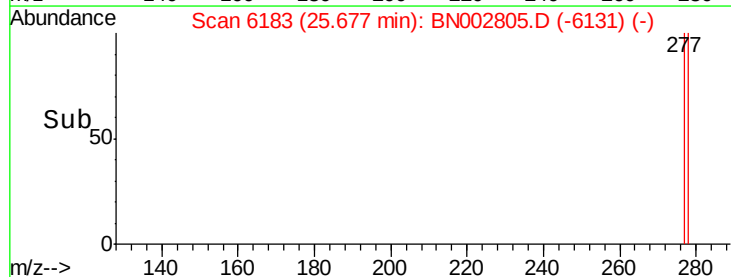
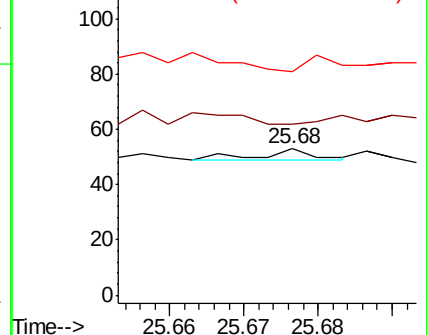
279 152.8 25.9 38.9#

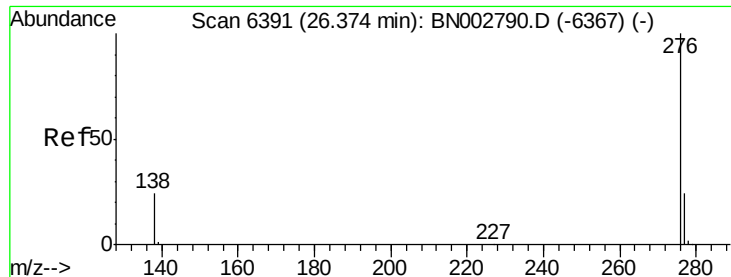


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.000 ng/uI

RT: 26.34 min Scan# 6380

Delta R.T. -0.04 min

Lab File: BN002805.D

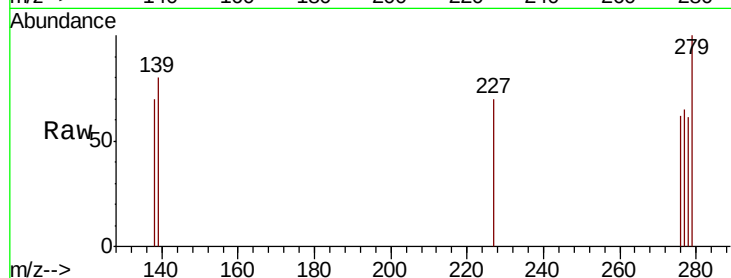
Acq: 21 Sep 2018 02:08

Instrument :

BNA_N

ClientSampleId :

A3ZB1



Tgt Ion: 276 Resp: 3

Ion Ratio Lower Upper

276 100

138 111.8 21.8 32.8#

277 103.9 20.5 30.7#

