

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002796.D
 Acq On : 20 Sep 2018 20:53
 Operator : JU/SJ
 Sample : J4874-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZC5

Quant Time: Sep 21 04:01:35 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	1482	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	5569	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2906	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	572445	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	6361	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	3438	0.43	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

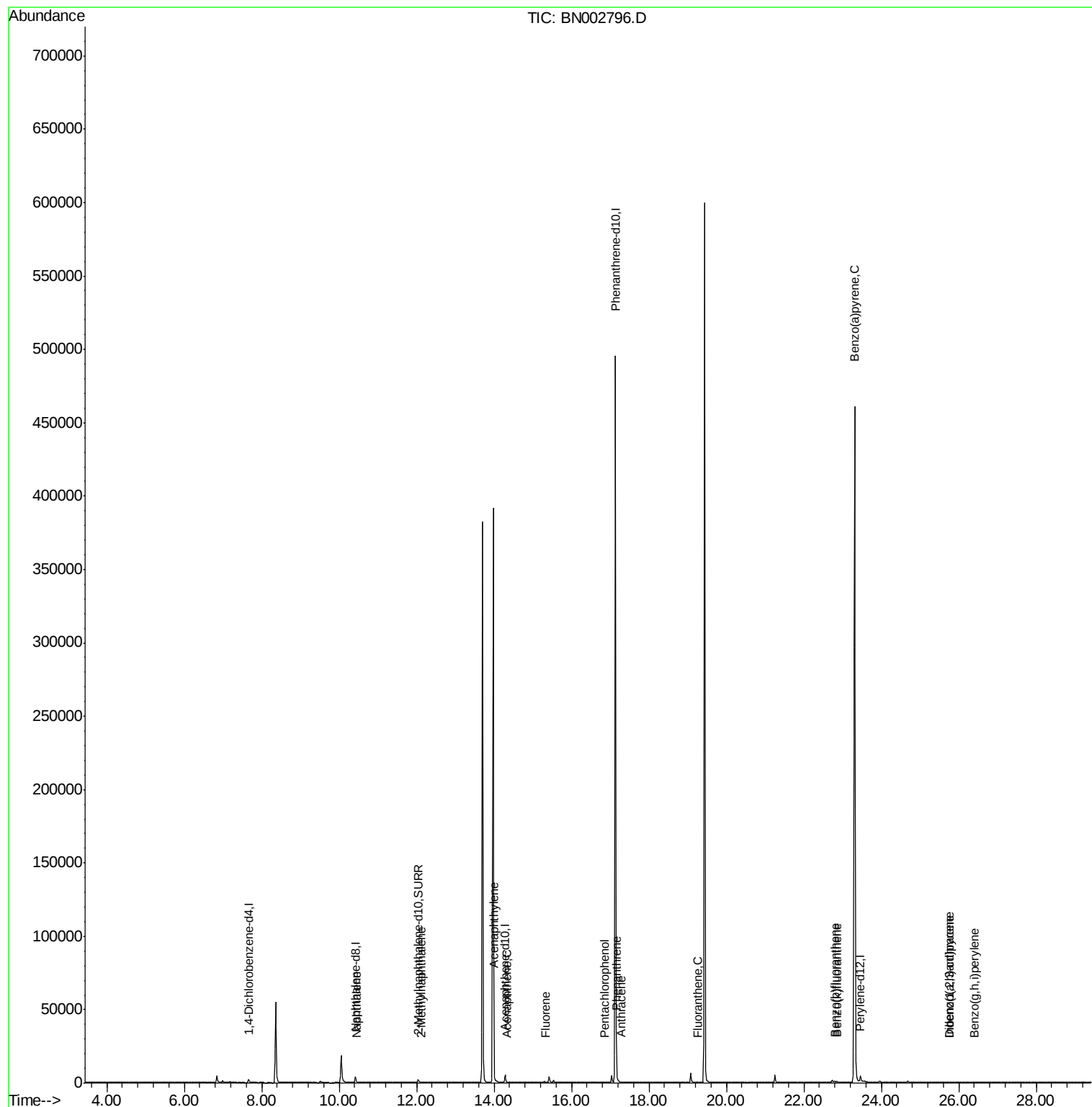
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	69	0.005	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	34	0.004	ng/ul	99
7) Acenaphthylene	14.00	152	39	0.003	ng/ul#	1
8) Acenaphthene	14.35	153	31	0.003	ng/ul#	78
9) Fluorene	15.34	166	49	0.005	ng/ul#	69
11) Pentachlorophenol	16.84	266	2	0.000	ng/ul#	69
12) Phenanthrene	17.17	178	213	0.000	ng/ul#	46
13) Anthracene	17.28	178	3	0.000	ng/ul#	1
15) Fluoranthene	19.25	202	7	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	254	0.012	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	189	0.009	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2306	0.115	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.74	276	189	0.008	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.75	278	155	0.008	ng/ul#	1
26) Benzo(g,h,i)perylene	26.40	276	193	0.009	ng/ul#	21

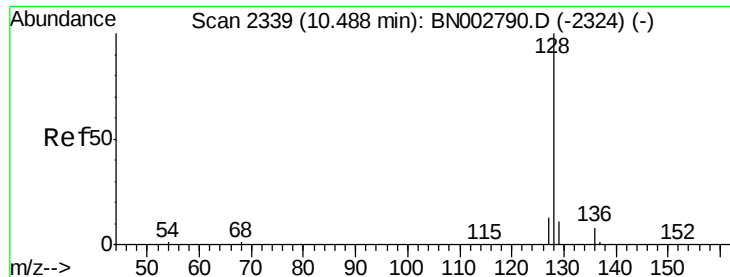
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.005 ng/u1

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_N

ClientSampleId :

A3ZC5

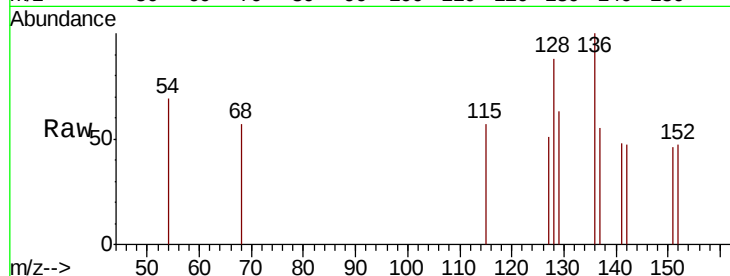
Tgt Ion:128 Resp: 69

Ion Ratio Lower Upper

128 100

129 72.1 8.0 12.0#

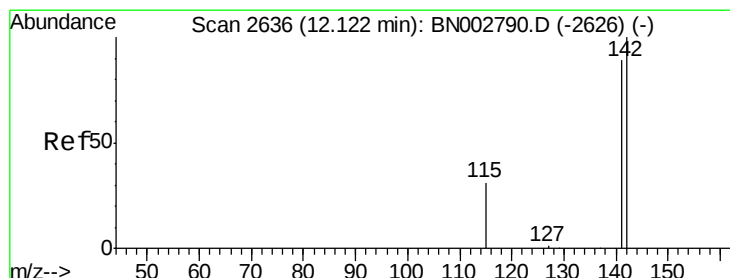
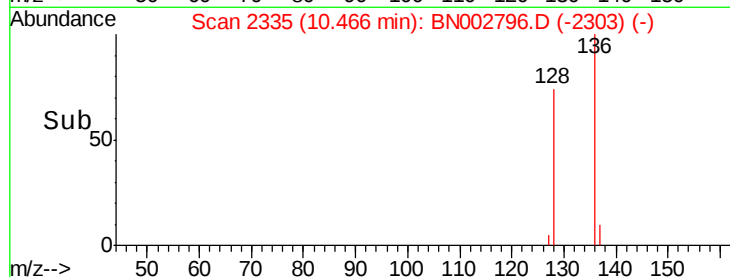
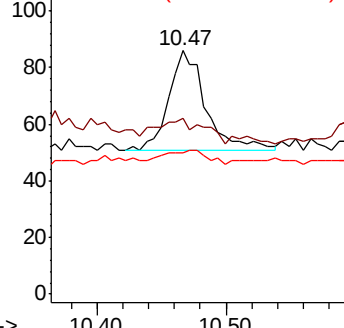
127 58.1 12.0 18.0#



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: 0.004 ng/u1

RT: 12.12 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BN002796.D

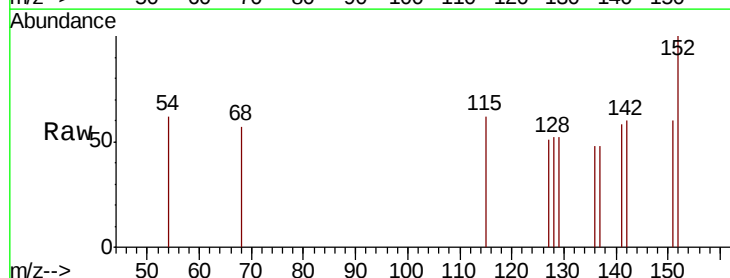
Acq: 20 Sep 2018 20:53

Tgt Ion:142 Resp: 34

Ion Ratio Lower Upper

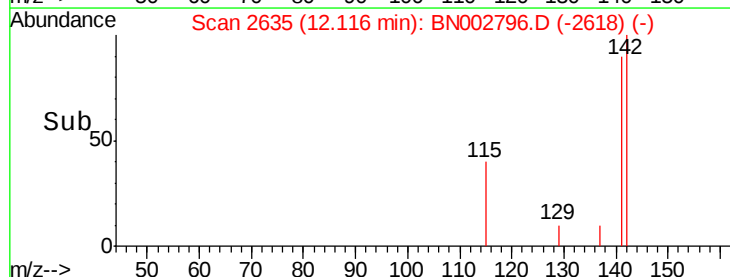
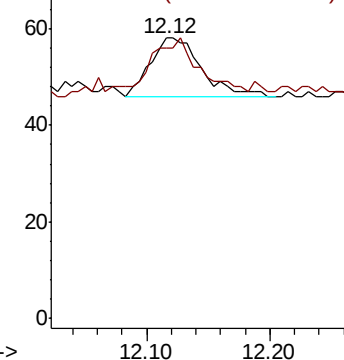
142 100

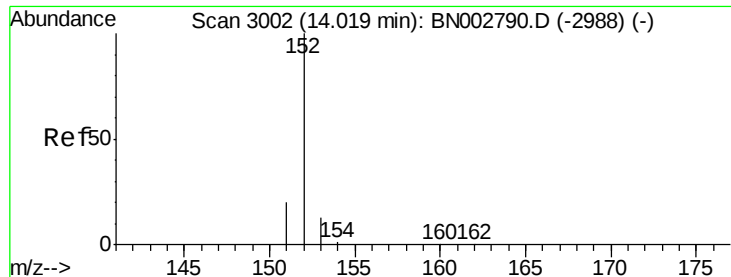
141 91.2 72.6 108.8



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: 14.00 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_N

ClientSampleId :

A3ZC5

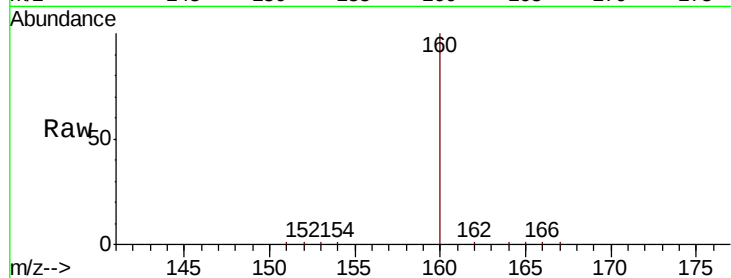
Tgt Ion:152 Resp: 39

Ion Ratio Lower Upper

152 100

151 77.9 17.1 25.7#

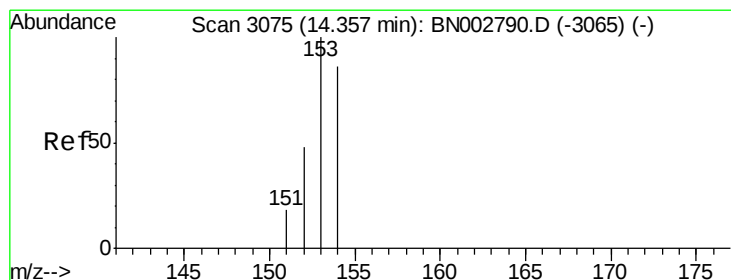
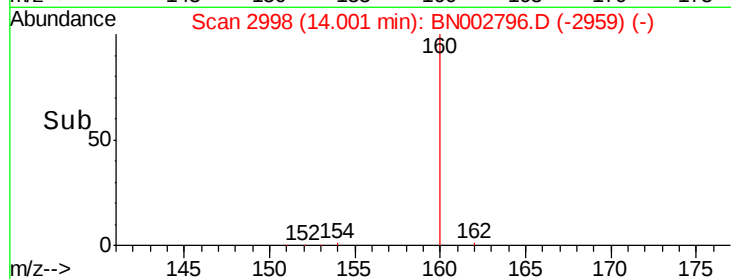
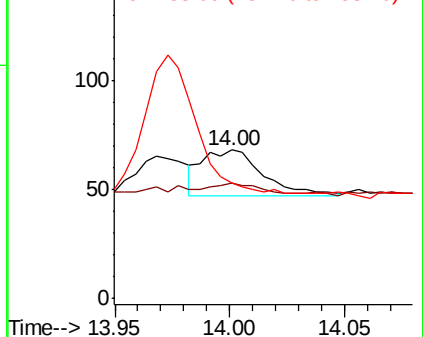
153 77.9 12.8 19.2#



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: 0.003 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

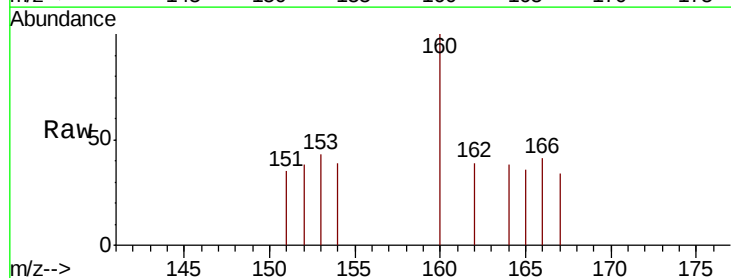
Tgt Ion:153 Resp: 31

Ion Ratio Lower Upper

153 100

152 87.3 36.0 54.0#

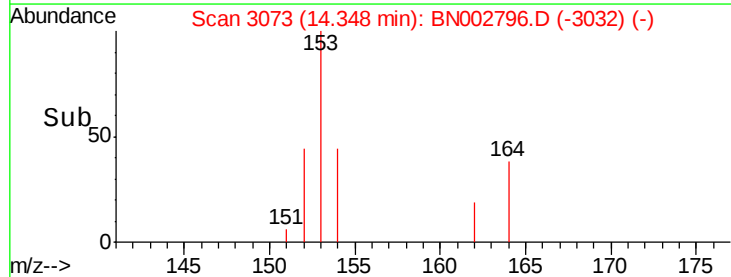
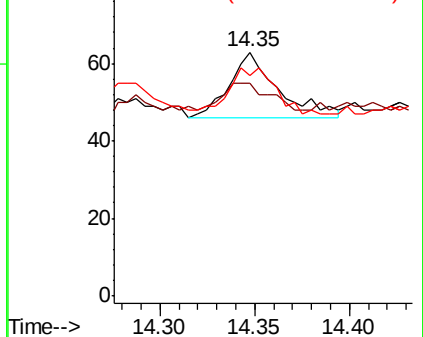
154 90.5 72.0 108.0

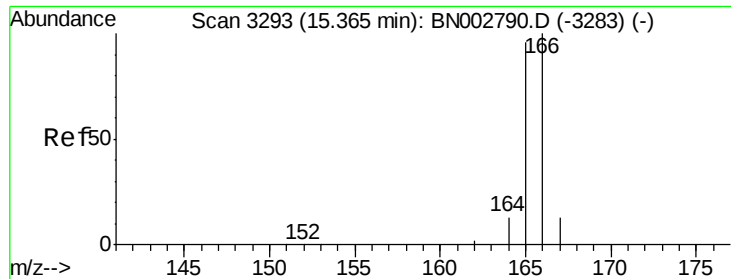


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.005 ng/ul

RT: 15.34 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_N

ClientSampleId :

A3ZC5

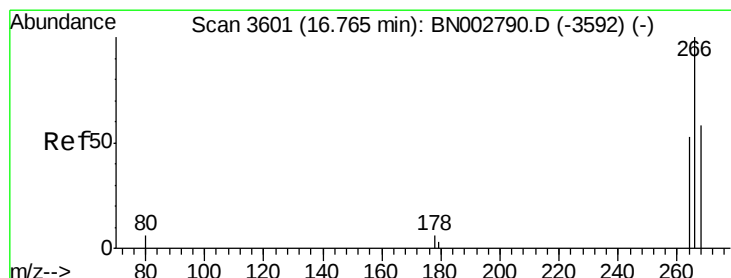
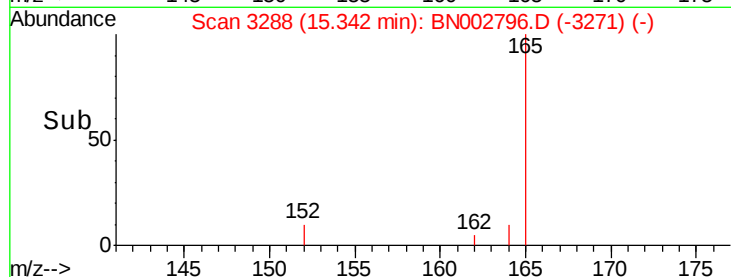
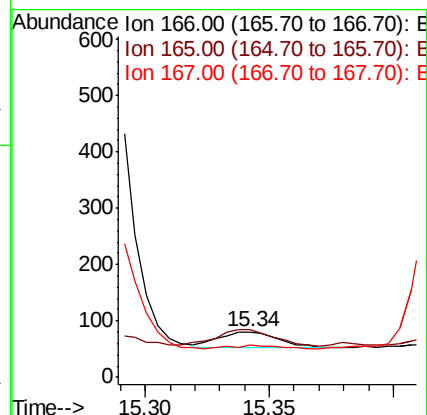
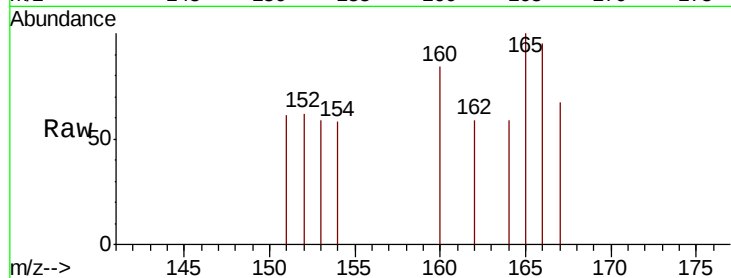
Tgt Ion:166 Resp: 49

Ion Ratio Lower Upper

166 100

165 104.9 73.4 110.2

167 70.4 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.84 min Scan# 3619

Delta R.T. 0.08 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

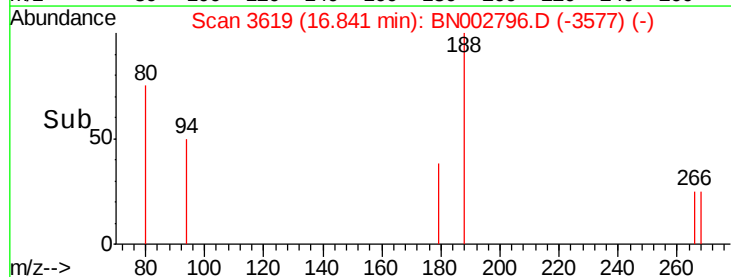
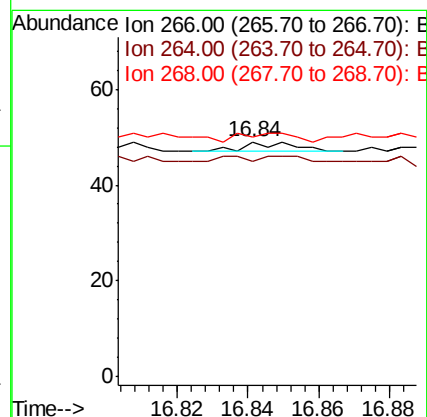
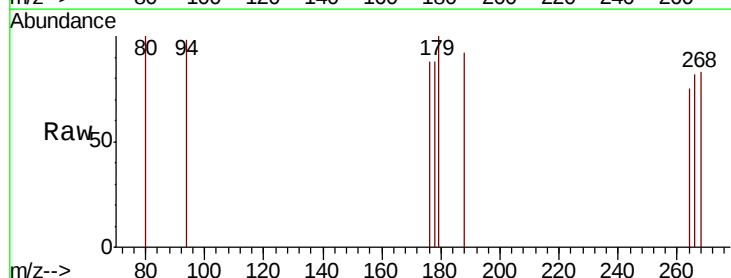
Tgt Ion:266 Resp: 2

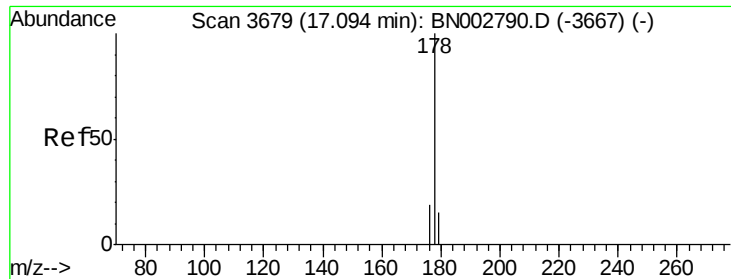
Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

268 100.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. 0.07 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_N

ClientSampleId :

A3ZC5

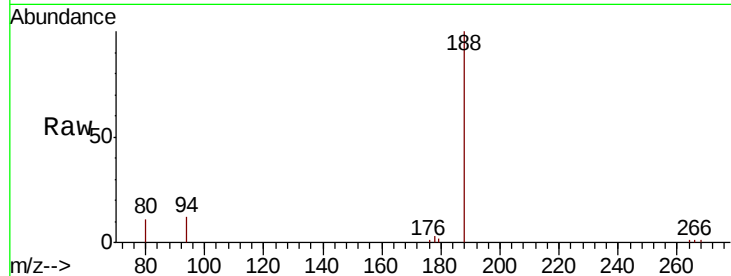
Tgt Ion:178 Resp: 213

Ion Ratio Lower Upper

178 100

179 47.8 18.4 27.6#

176 41.9 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

600

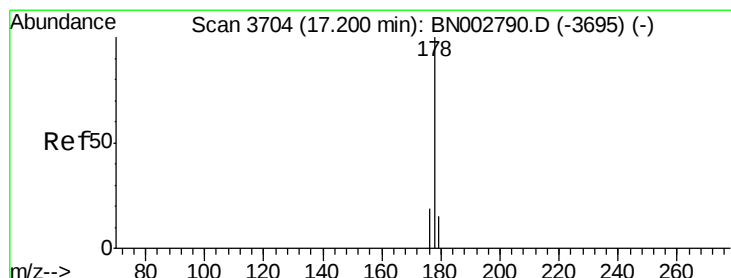
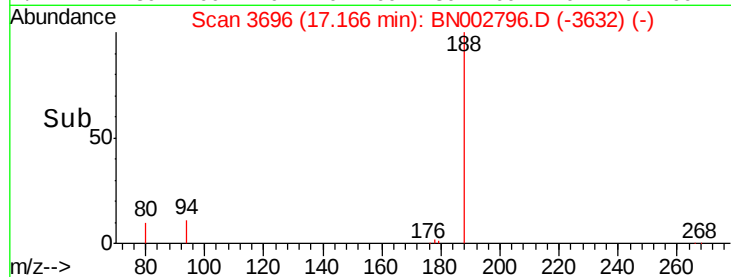
400

200

17.17

0

Time-->



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.28 min Scan# 3723

Delta R.T. 0.08 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

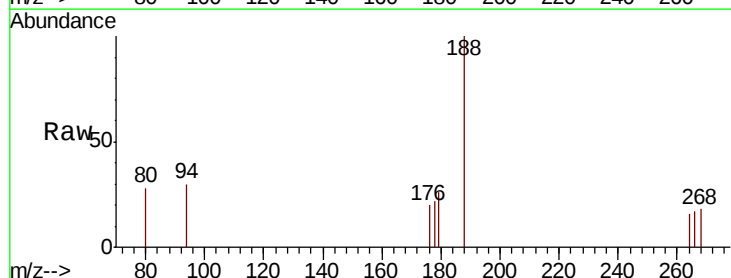
Tgt Ion:178 Resp: 3

Ion Ratio Lower Upper

178 100

179 116.1 18.1 27.1#

176 88.7 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

100

80

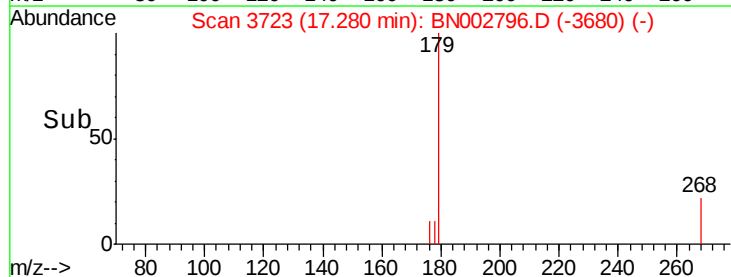
60

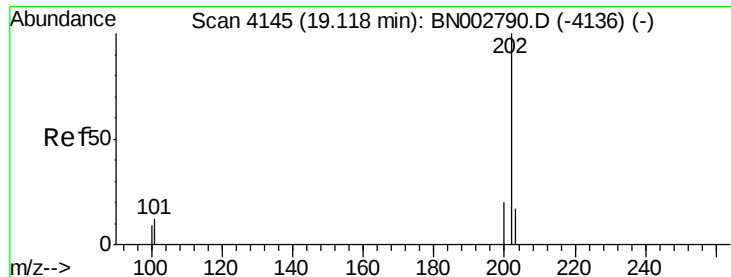
40

20

0

Time-->





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.25 min Scan# 4174

Delta R.T. 0.13 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

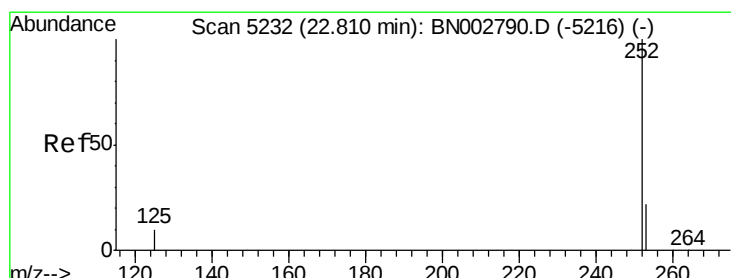
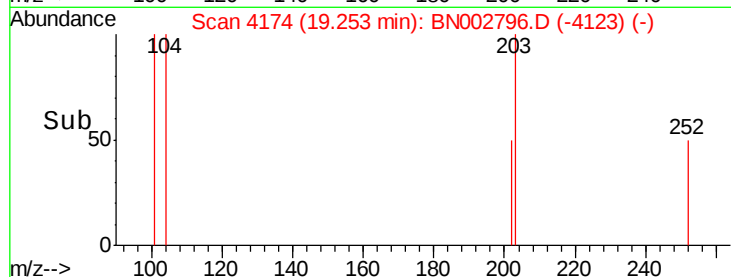
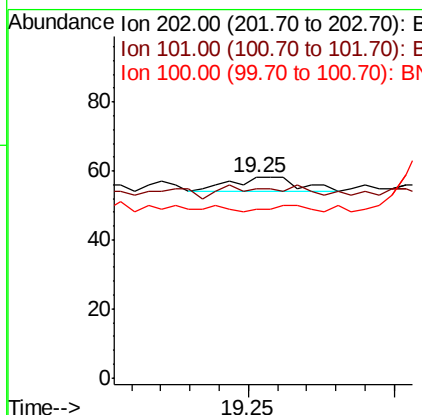
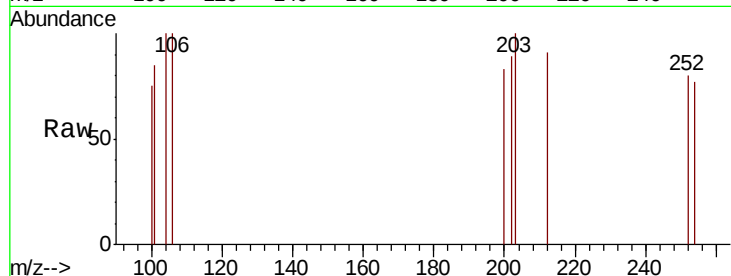
Instrument :

BNA_N

ClientSampleId :

A3ZC5

Tgt Ion:	202	Resp:	7
Ion	Ratio	Lower	Upper
202	100		
101	94.8	0.0	30.0#
100	84.5	0.0	30.0#



#21

Benzo(b)fluoranthene

Concen: 0.012 ng/ul

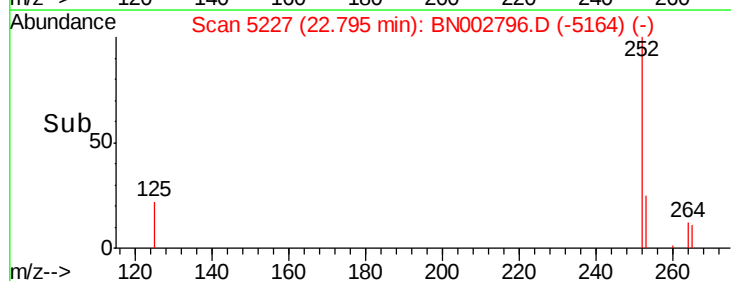
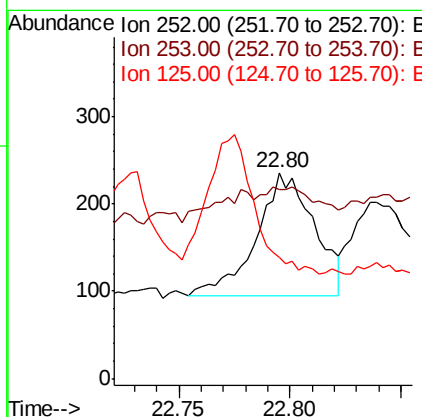
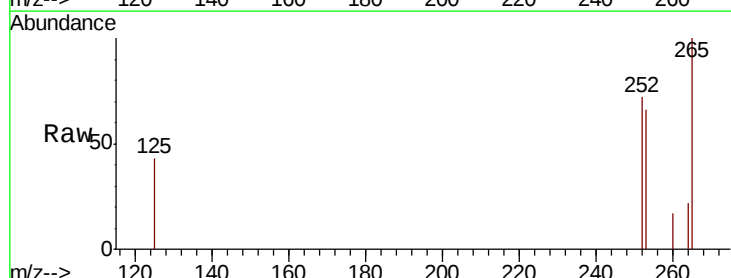
RT: 22.80 min Scan# 5227

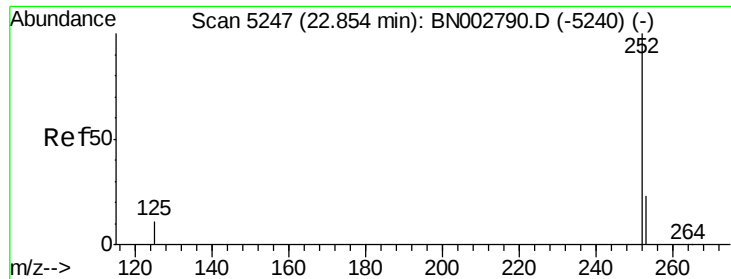
Delta R.T. -0.01 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

Tgt Ion:	252	Resp:	254
Ion	Ratio	Lower	Upper
252	100		
253	91.5	0.0	64.2#
125	58.9	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.009 ng/ul

RT: 22.84 min Scan# 5241

Delta R.T. -0.02 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_N

ClientSampleId :

A3ZC5

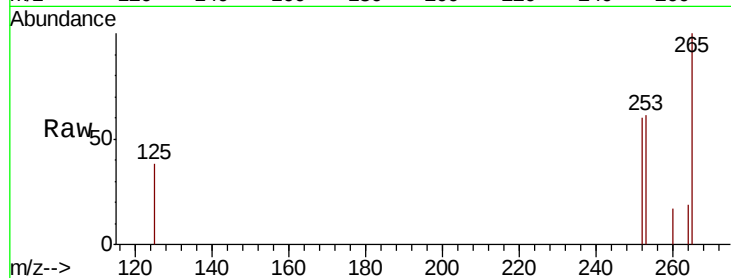
Tgt Ion:252 Resp: 189

Ion Ratio Lower Upper

252 100

253 102.5 24.5 36.7#

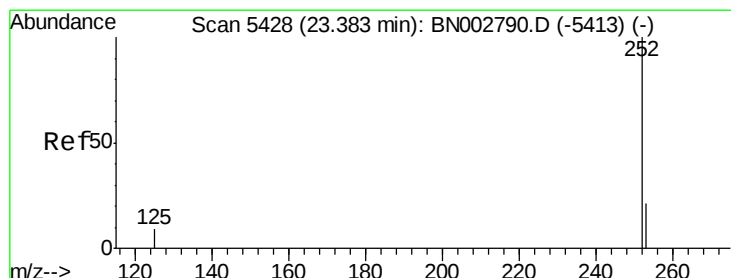
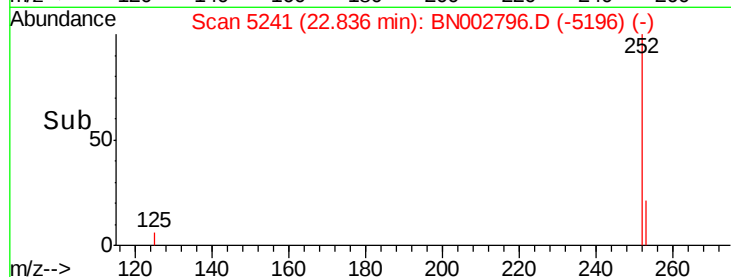
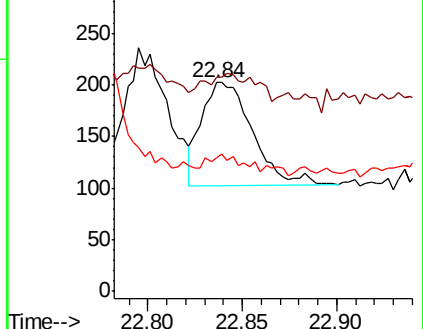
125 63.9 13.7 20.5#



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: 0.115 ng/ul

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

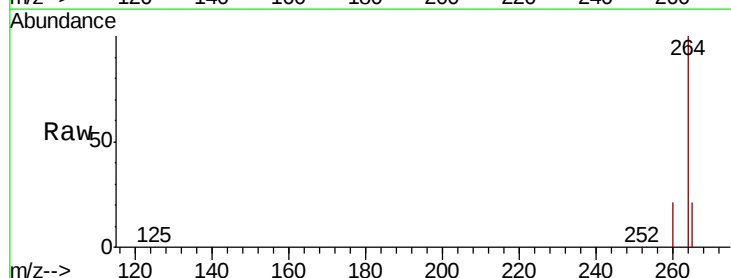
Tgt Ion:252 Resp: 2306

Ion Ratio Lower Upper

252 100

253 38.7 16.0 24.0#

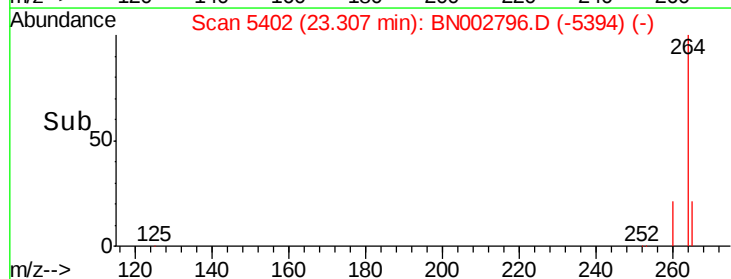
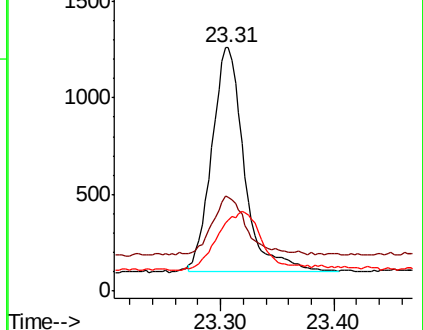
125 29.2 12.0 18.0#

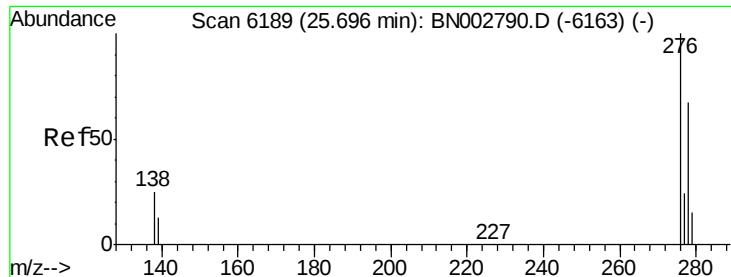


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.008 ng/u1

RT: 25.74 min Scan# 6203

Delta R.T. 0.05 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

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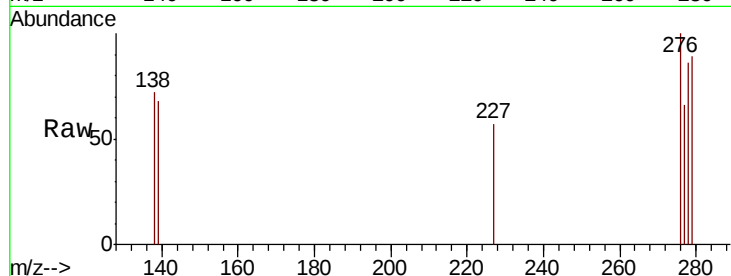
Tgt Ion:276 Resp: 189

Ion Ratio Lower Upper

276 100

138 27.0 28.0 42.0#

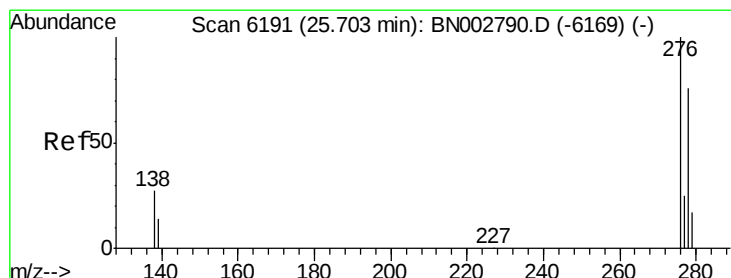
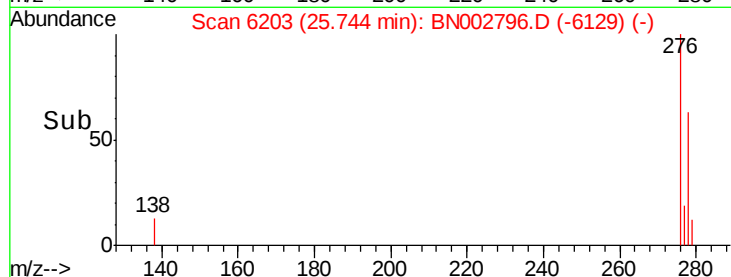
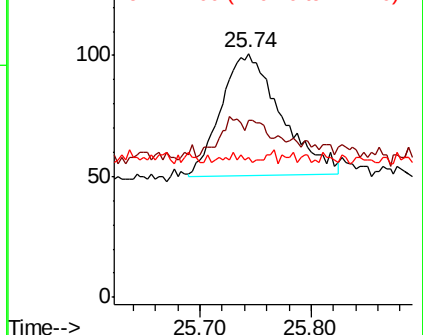
227 1.6 0.8 1.2#



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: 0.008 ng/u1

RT: 25.75 min Scan# 6205

Delta R.T. 0.05 min

Lab File: BN002796.D

Acq: 20 Sep 2018 20:53

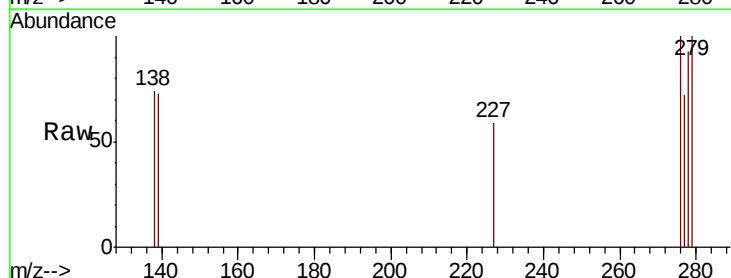
Tgt Ion:278 Resp: 155

Ion Ratio Lower Upper

278 100

139 78.9 17.4 26.0#

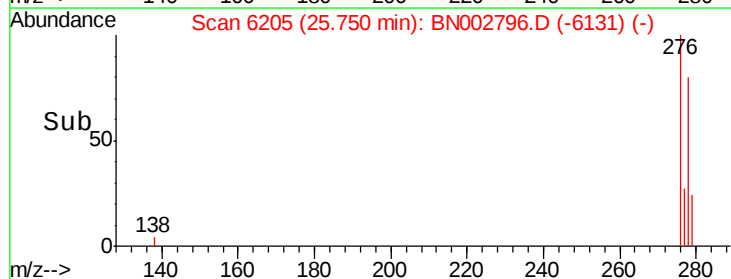
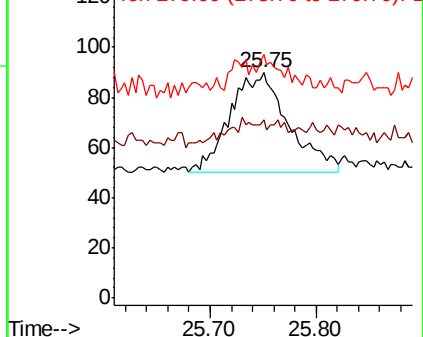
279 107.8 25.9 38.9#

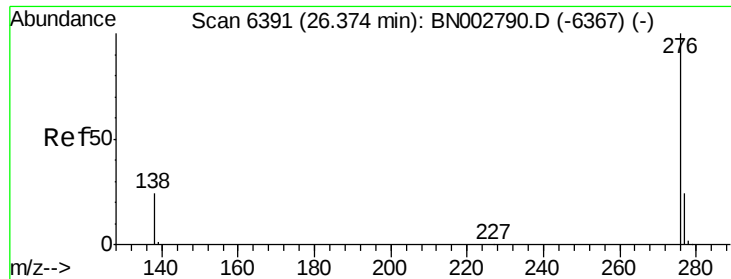


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.009 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. 0.03 min

Lab File: BN002796.D

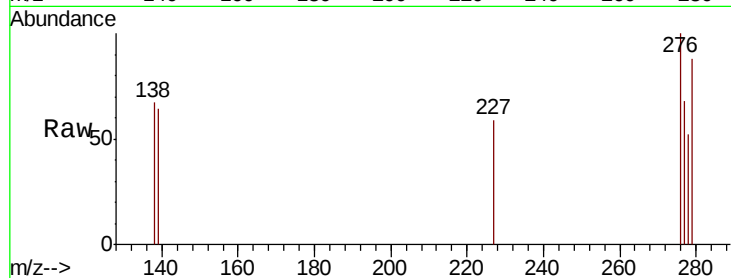
Acq: 20 Sep 2018 20:53

Instrument :

BNA_N

ClientSampleId :

A3ZC5



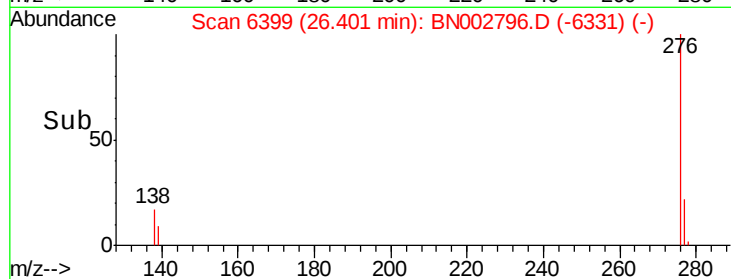
Tgt Ion: 276 Resp: 193

Ion Ratio Lower Upper

276 100

138 66.7 21.8 32.8#

277 67.7 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

