

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002802.D
 Acq On : 21 Sep 2018 00:23
 Operator : JU/SJ
 Sample : J4900-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZA7

Quant Time: Sep 21 04:02:17 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

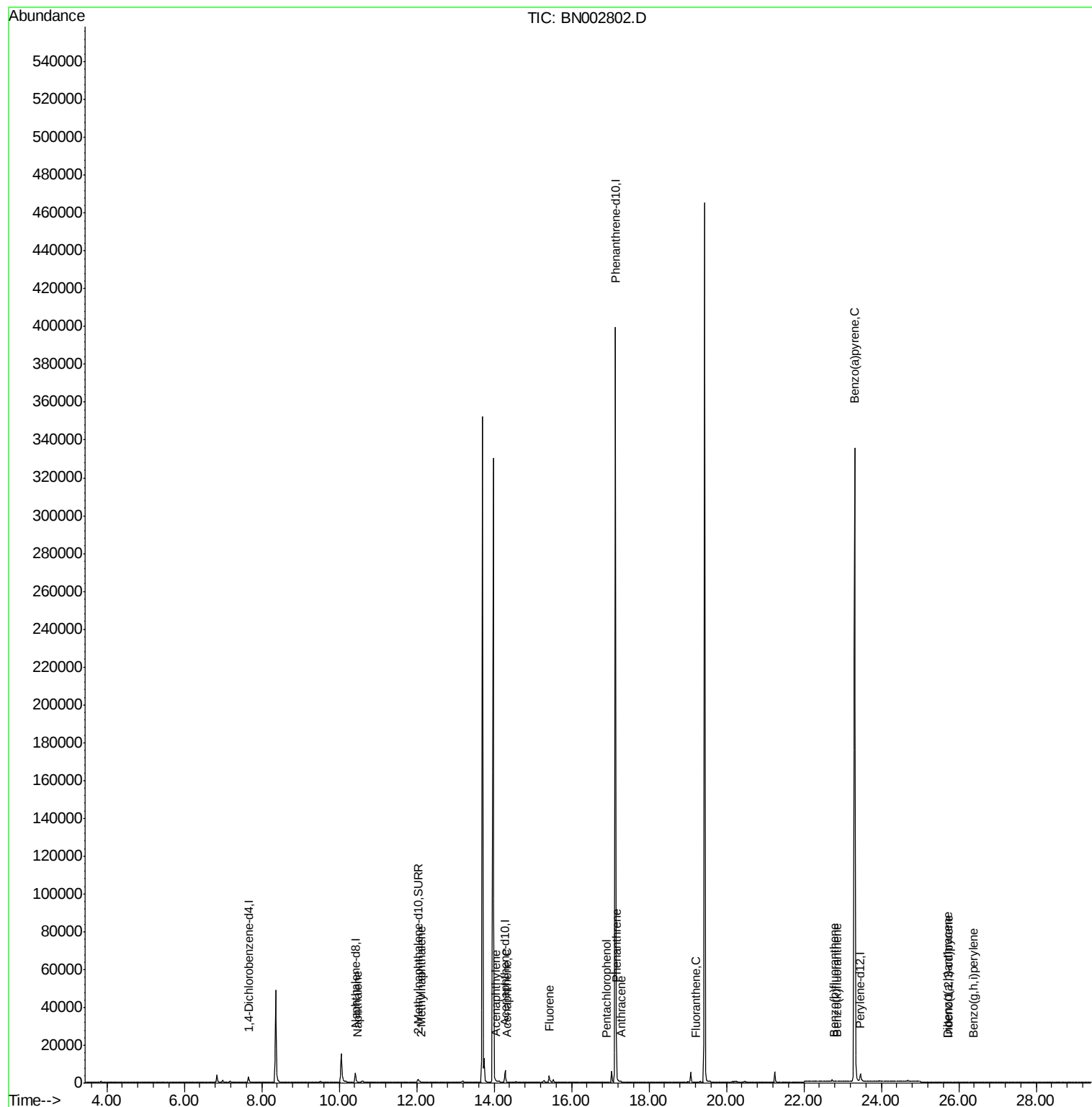
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1742	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6723	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3525	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	470630	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	6377	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2956	0.31	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	123	0.007	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	21	0.002	ng/ul#	65
7) Acenaphthylene	14.05	152	3	0.000	ng/ul#	1
8) Acenaphthene	14.35	153	13	0.001	ng/ul#	69
9) Fluorene	15.43	166	42	0.003	ng/ul#	1
11) Pentachlorophenol	16.92	266	2	0.000	ng/ul	85
12) Phenanthrene	17.16	178	59	0.000	ng/ul#	1
13) Anthracene	17.30	178	2	0.000	ng/ul#	1
15) Fluoranthene	19.21	202	9	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	144	0.007	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	84	0.004	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	1564	0.077	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	25.72	276	90	0.004	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.72	278	68	0.003	ng/ul#	1
26) Benzo(g,h,i)perylene	26.39	276	97	0.005	ng/ul#	1

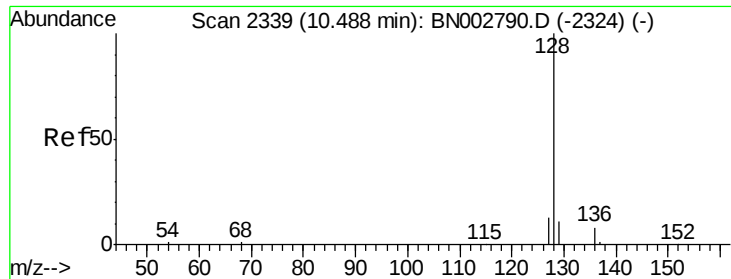
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 04:00:39 2018
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#3

Naphthalene

Concen: 0.007 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

Instrument :

BNA_N

ClientSampleId :

A3ZA7

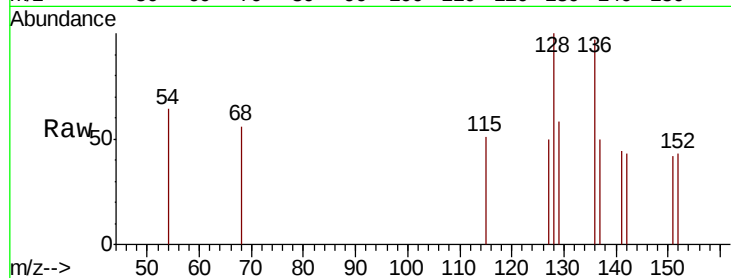
Tgt Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

129 58.2 8.0 12.0#

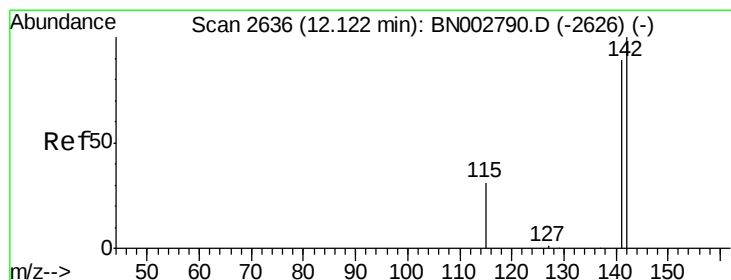
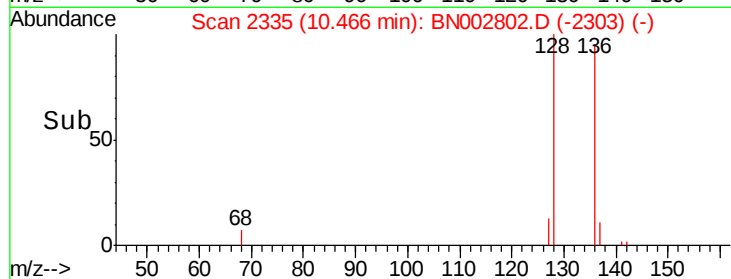
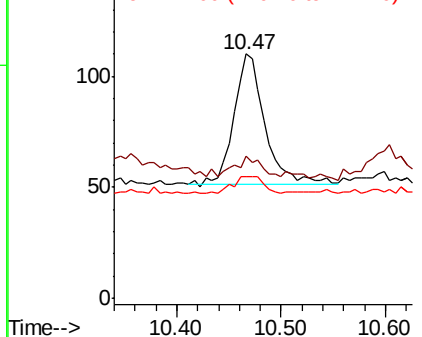
127 50.0 12.0 18.0#



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: 0.002 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BN002802.D

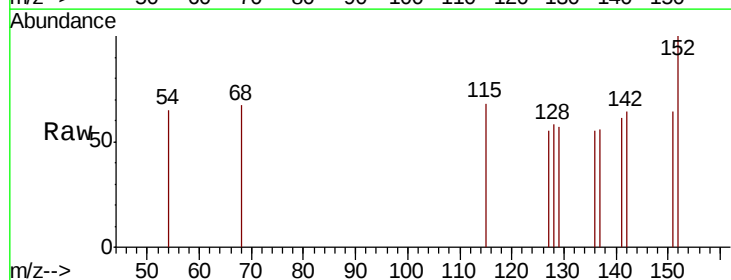
Acq: 21 Sep 2018 00:23

Tgt Ion:142 Resp: 21

Ion Ratio Lower Upper

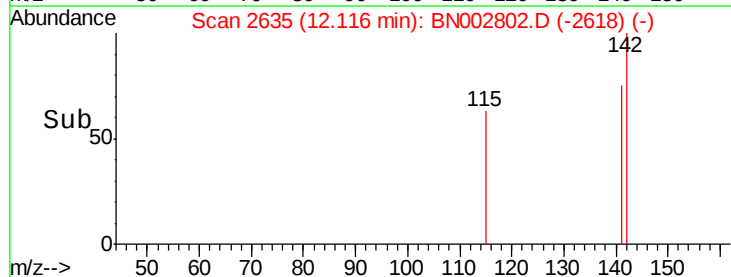
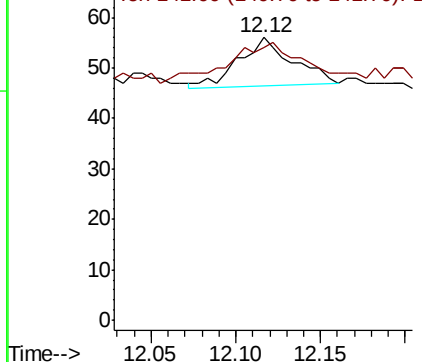
142 100

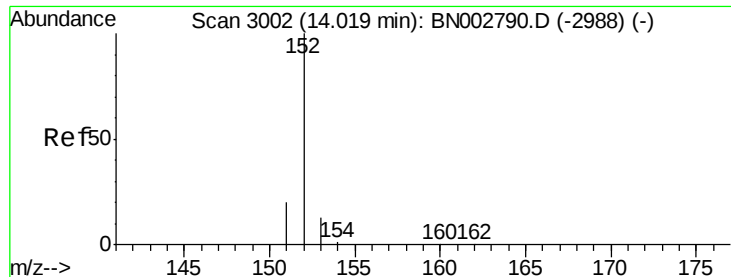
141 123.8 72.6 108.8#



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: 14.05 min Scan# 3009

Delta R.T. 0.03 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

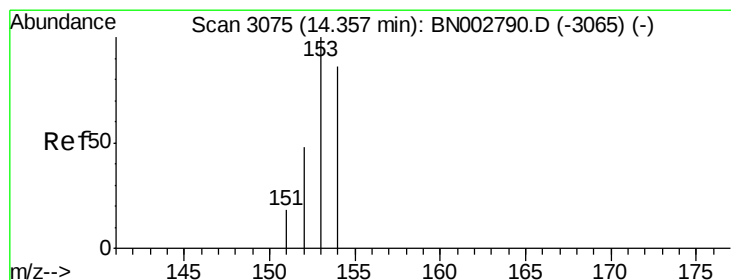
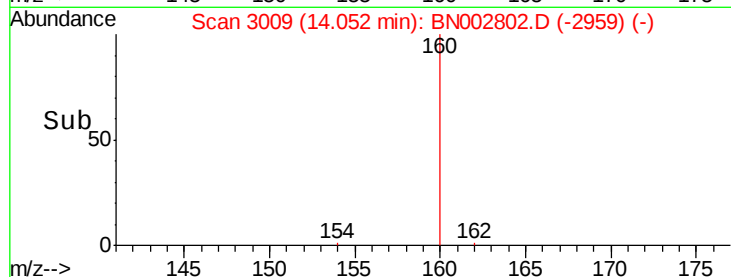
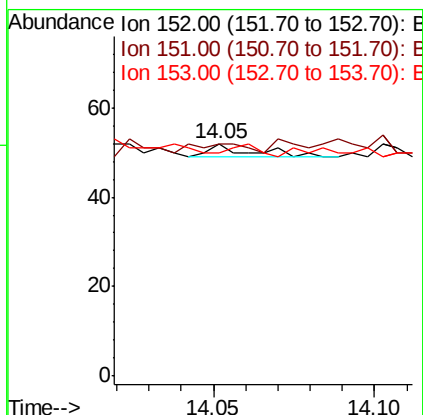
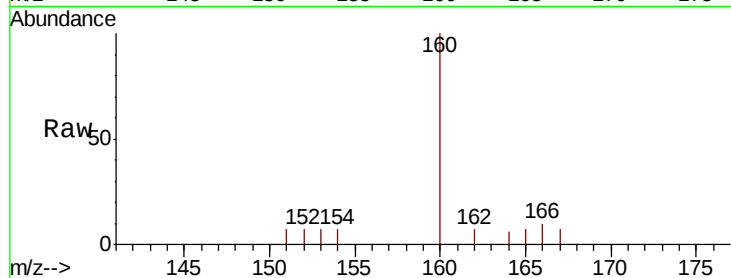
Instrument :

BNA_N

ClientSampleId :

A3ZA7

Tgt Ion:	152	Resp:	3
Ion	Ratio	Lower	Upper
152	100		
151	100.0	17.1	25.7#
153	96.2	12.8	19.2#



#8

Acenaphthene

Concen: 0.001 ng/ul

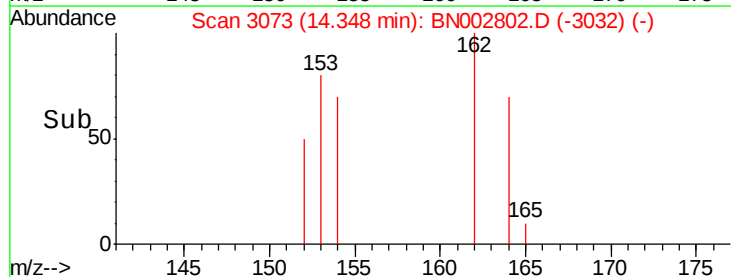
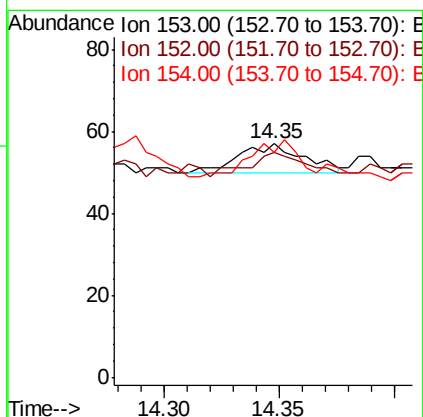
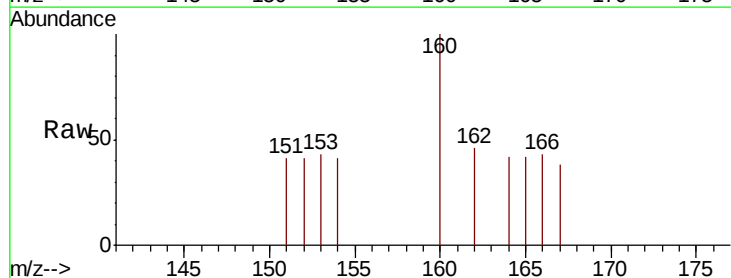
RT: 14.35 min Scan# 3073

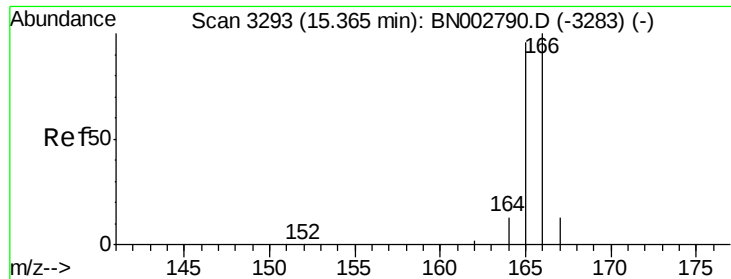
Delta R.T. -0.01 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

Tgt Ion:	153	Resp:	13
Ion	Ratio	Lower	Upper
153	100		
152	96.5	36.0	54.0#
154	96.5	72.0	108.0#





#9

Fluorene

Concen: 0.003 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.06 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

Instrument :

BNA_N

ClientSampled :

A3ZA7

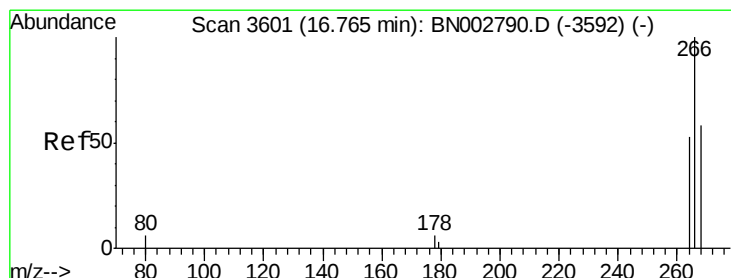
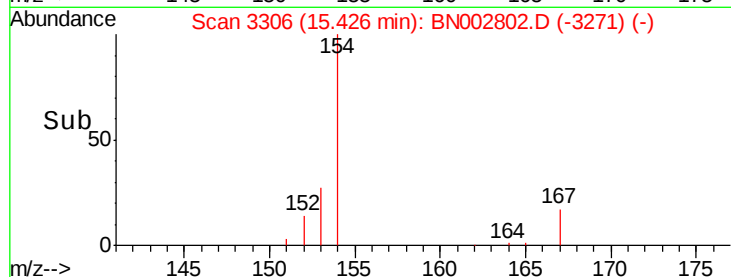
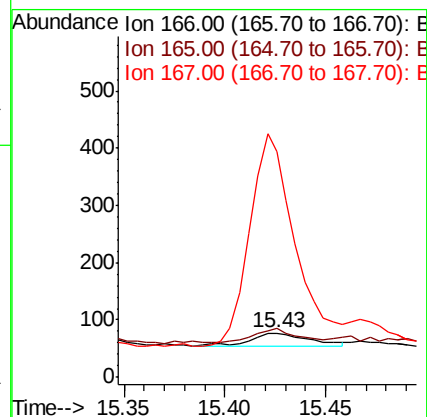
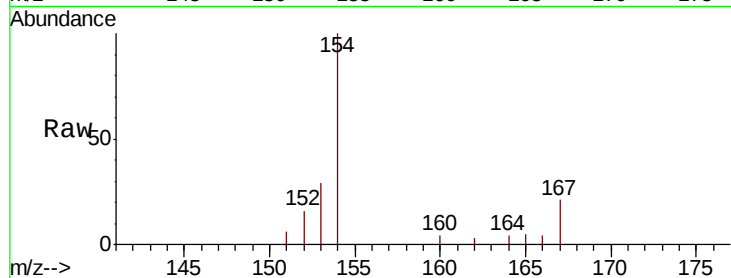
Tgt Ion:166 Resp: 42

Ion Ratio Lower Upper

166 100

165 111.7 73.4 110.2#

167 513.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.92 min Scan# 3637

Delta R.T. 0.15 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

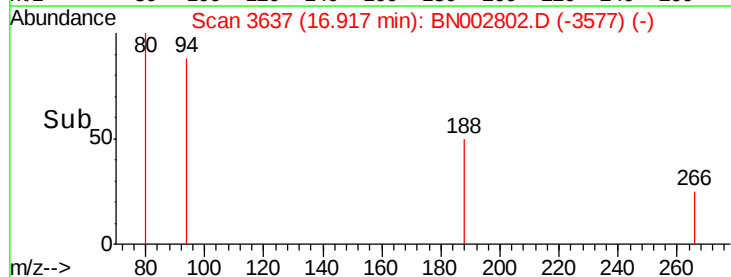
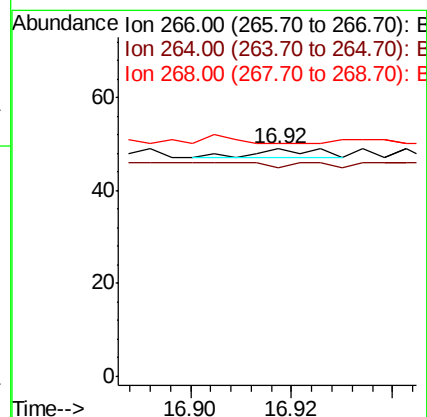
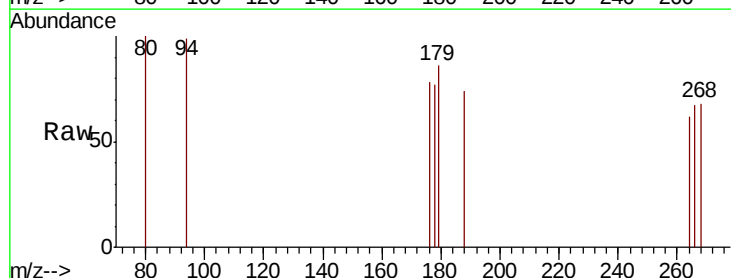
Tgt Ion:266 Resp: 2

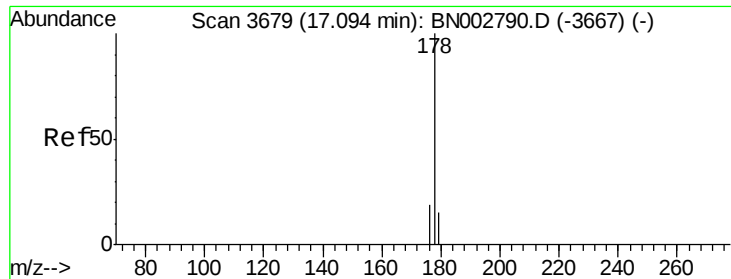
Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

268 50.0 49.8 74.8





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.16 min Scan# 3695

Delta R.T. 0.07 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

Instrument :

BNA_N

ClientSampled :

A3ZA7

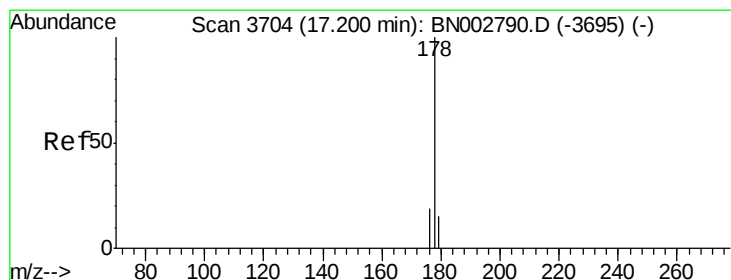
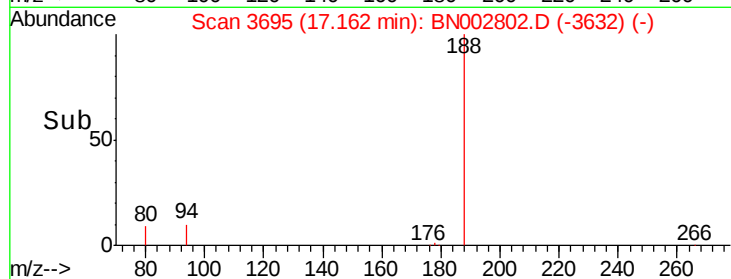
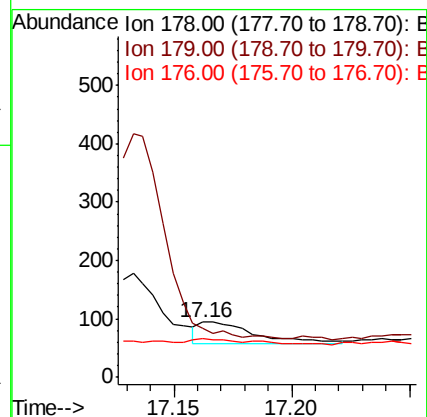
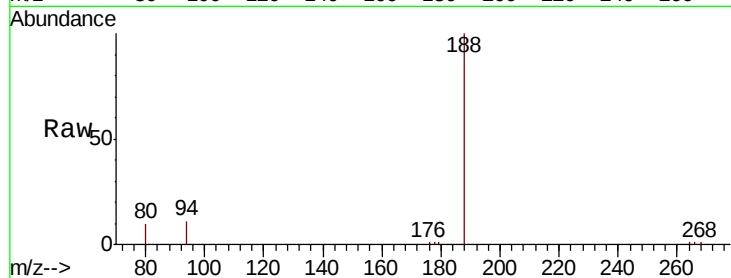
Tgt Ion:178 Resp: 59

Ion Ratio Lower Upper

178 100

179 88.3 18.4 27.6#

176 69.1 13.6 20.4#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.30 min Scan# 3727

Delta R.T. 0.10 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

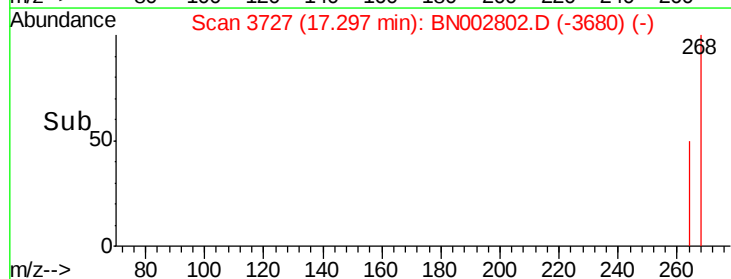
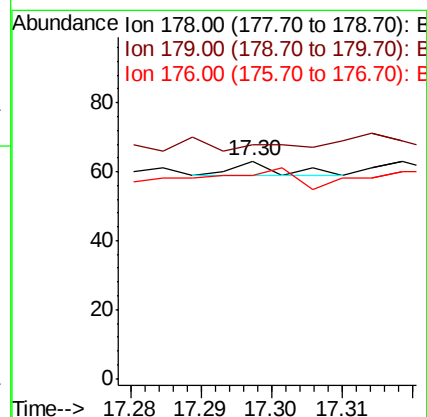
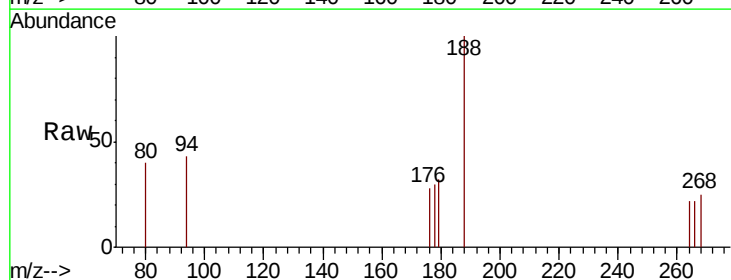
Tgt Ion:178 Resp: 2

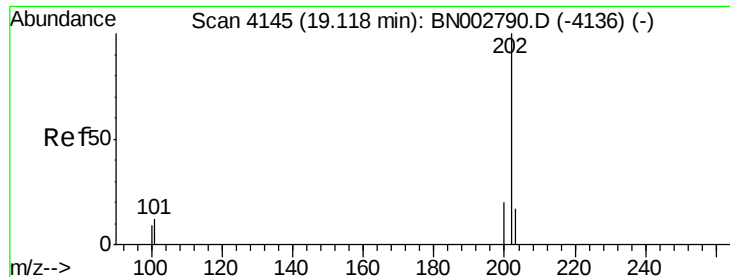
Ion Ratio Lower Upper

178 100

179 107.9 18.1 27.1#

176 93.7 14.7 22.1#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.21 min Scan# 4164

Delta R.T. 0.09 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

Instrument :

BNA_N

ClientSampleId :

A3ZA7

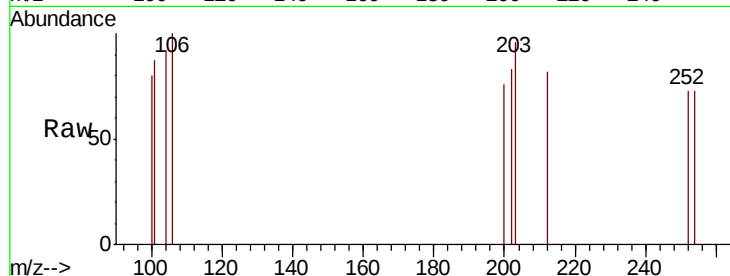
Tgt Ion:202 Resp: 9

Ion Ratio Lower Upper

202 100

101 105.1 0.0 30.0#

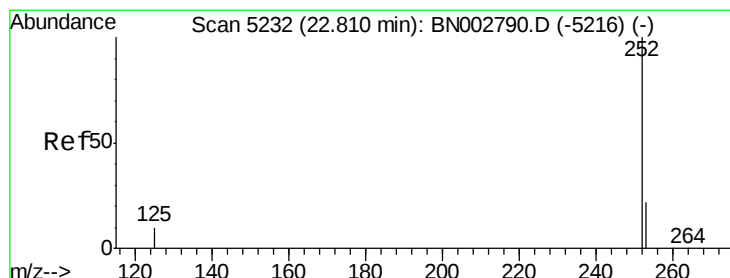
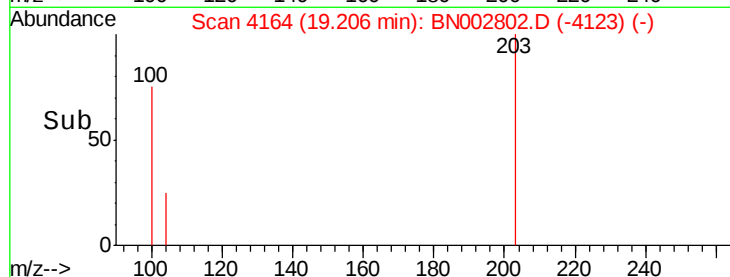
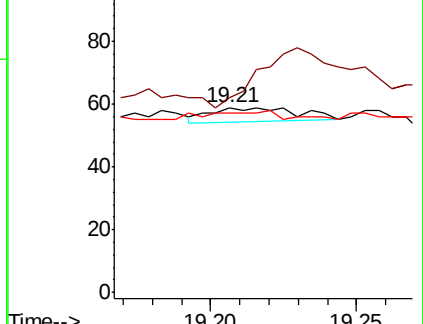
100 96.6 0.0 30.0#



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: 0.007 ng/ul

RT: 22.80 min Scan# 5229

Delta R.T. -0.01 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

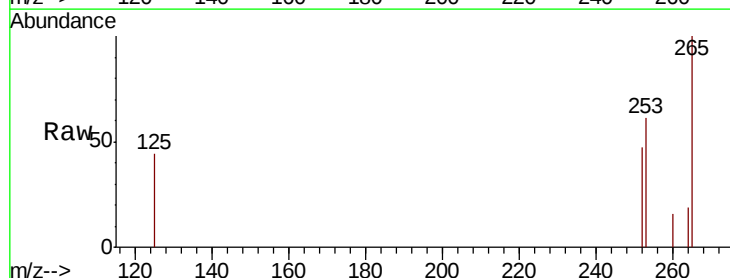
Tgt Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 129.5 0.0 64.2#

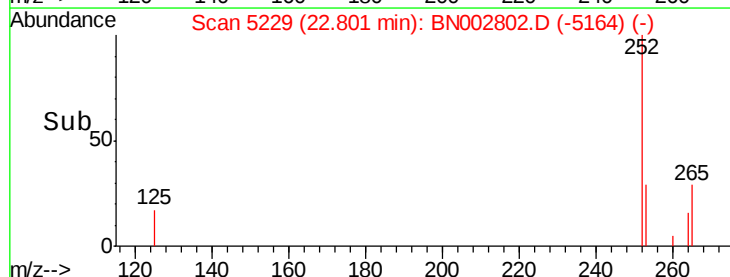
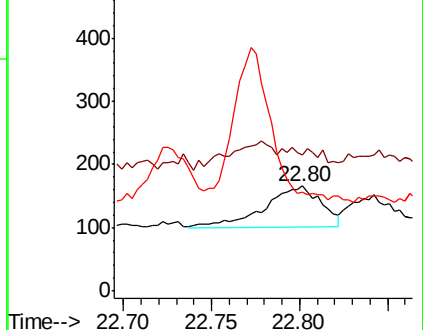
125 94.0 0.0 35.0#

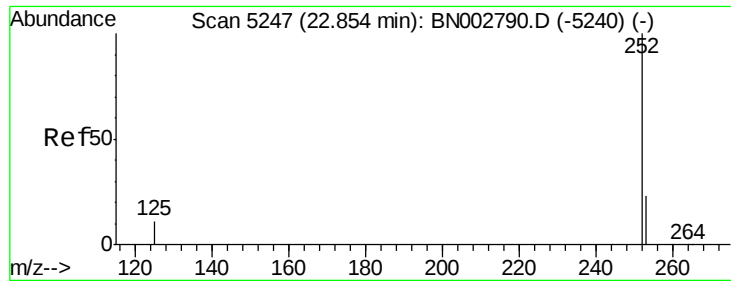


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.004 ng/u1

RT: 22.84 min Scan# 5243

Delta R.T. -0.01 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

Instrument :

BNA_N

ClientSampleId :

A3ZA7

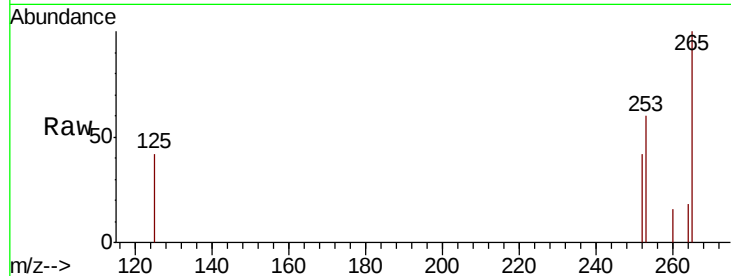
Tgt Ion:252 Resp: 84

Ion Ratio Lower Upper

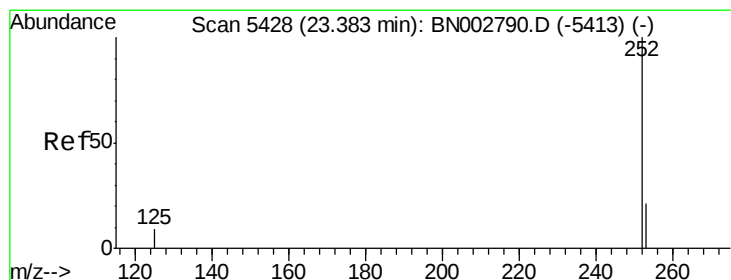
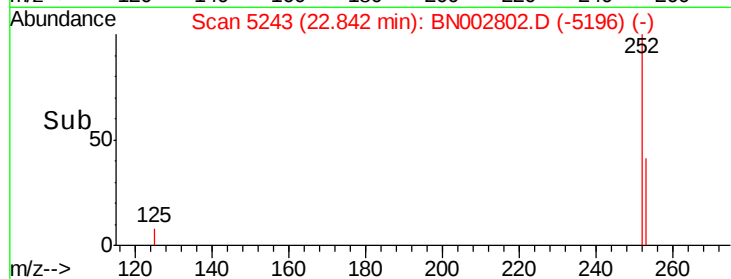
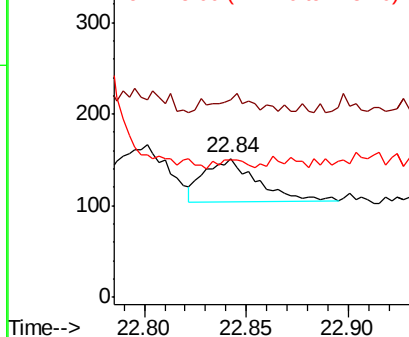
252 100

253 141.4 24.5 36.7#

125 98.7 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: 0.077 ng/u1

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002802.D

Acq: 21 Sep 2018 00:23

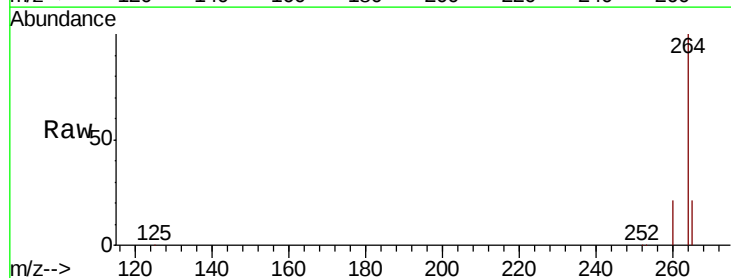
Tgt Ion:252 Resp: 1564

Ion Ratio Lower Upper

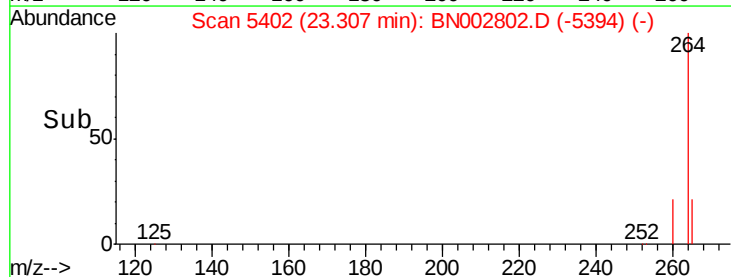
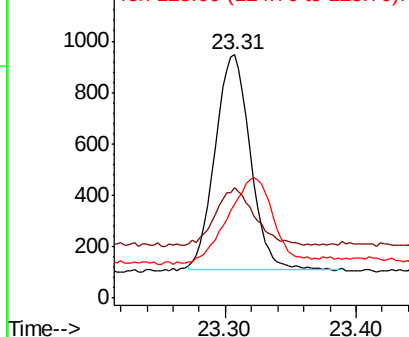
252 100

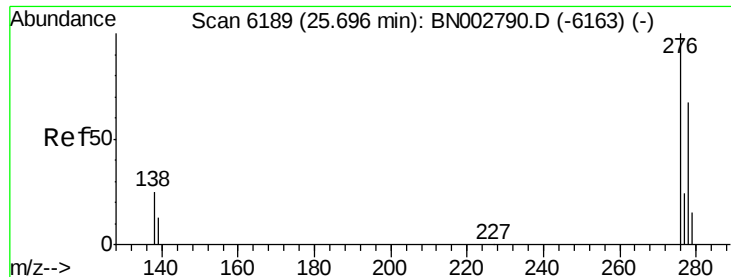
253 45.5 16.0 24.0#

125 38.4 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



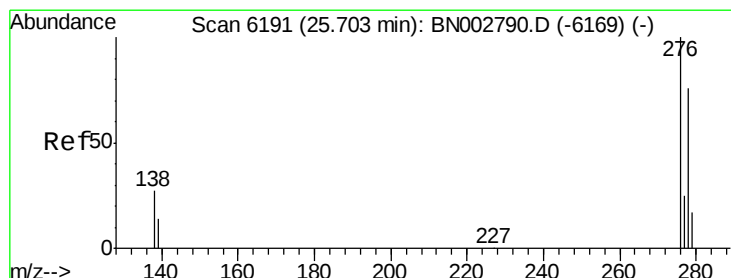
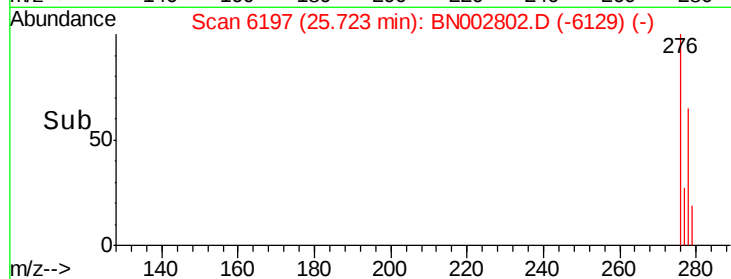
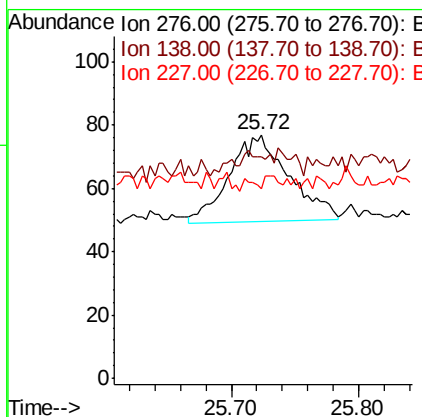
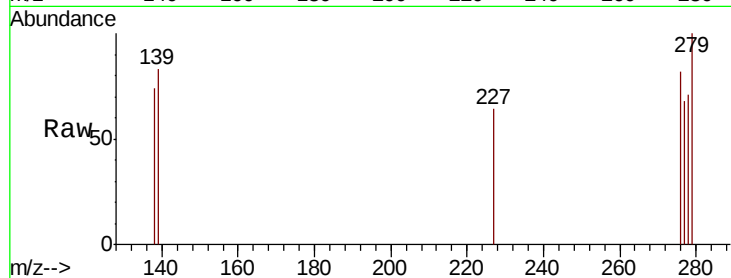


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng/u1
RT: 25.72 min Scan# 6197
Delta R.T. 0.03 min
Lab File: BN002802.D
Acq: 21 Sep 2018 00:23

Instrument :
BNA_N
ClientSampleId :
A3ZA7

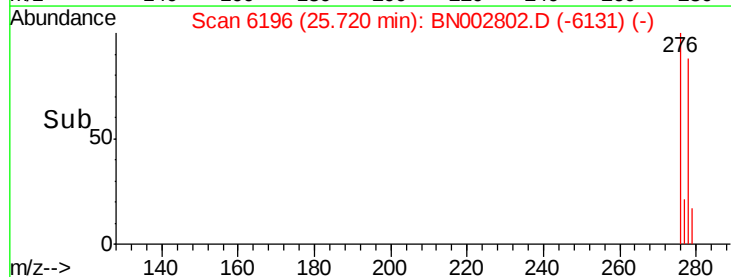
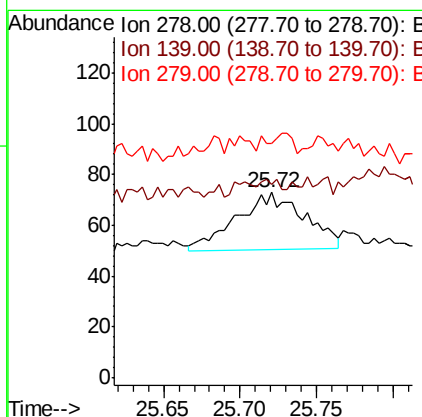
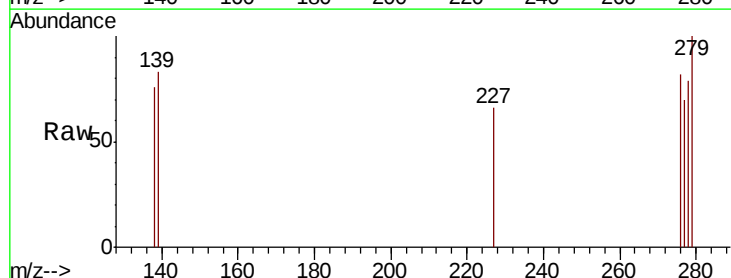
Tgt Ion:276 Resp: 90
Ion Ratio Lower Upper
276 100
138 0.0 28.0 42.0#
227 3.3 0.8 1.2#

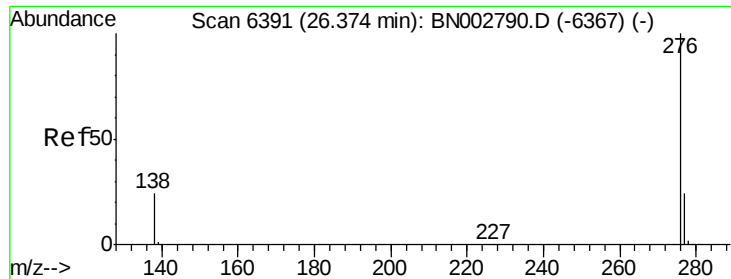


#25

Dibenzo(a,h)anthracene
Concen: 0.003 ng/u1
RT: 25.72 min Scan# 6196
Delta R.T. 0.02 min
Lab File: BN002802.D
Acq: 21 Sep 2018 00:23

Tgt Ion:278 Resp: 68
Ion Ratio Lower Upper
278 100
139 104.1 17.4 26.0#
279 126.0 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.005 ng/ul

RT: 26.39 min Scan# 6397

Delta R.T. 0.02 min

Lab File: BN002802.D

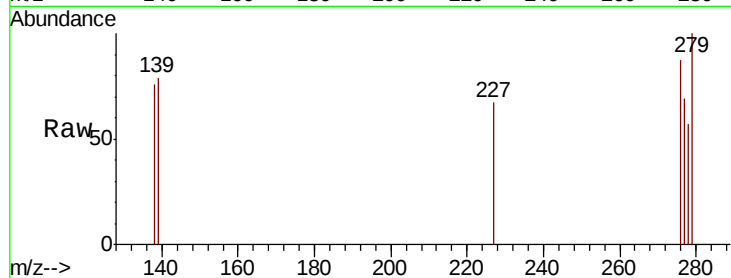
Acq: 21 Sep 2018 00:23

Instrument :

BNA_N

ClientSampleId :

A3ZA7



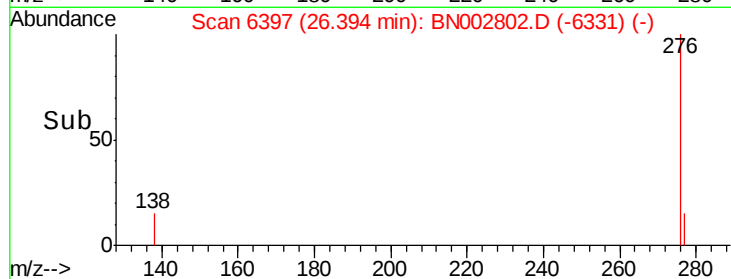
Tgt Ion: 276 Resp: 97

Ion Ratio Lower Upper

276 100

138 88.3 21.8 32.8#

277 79.2 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

