

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006780.D
 Acq On : 10 Jul 2019 21:09
 Operator : HP/JU
 Sample : K3596-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 14:44:40 2019
 Response via : Initial Calibration

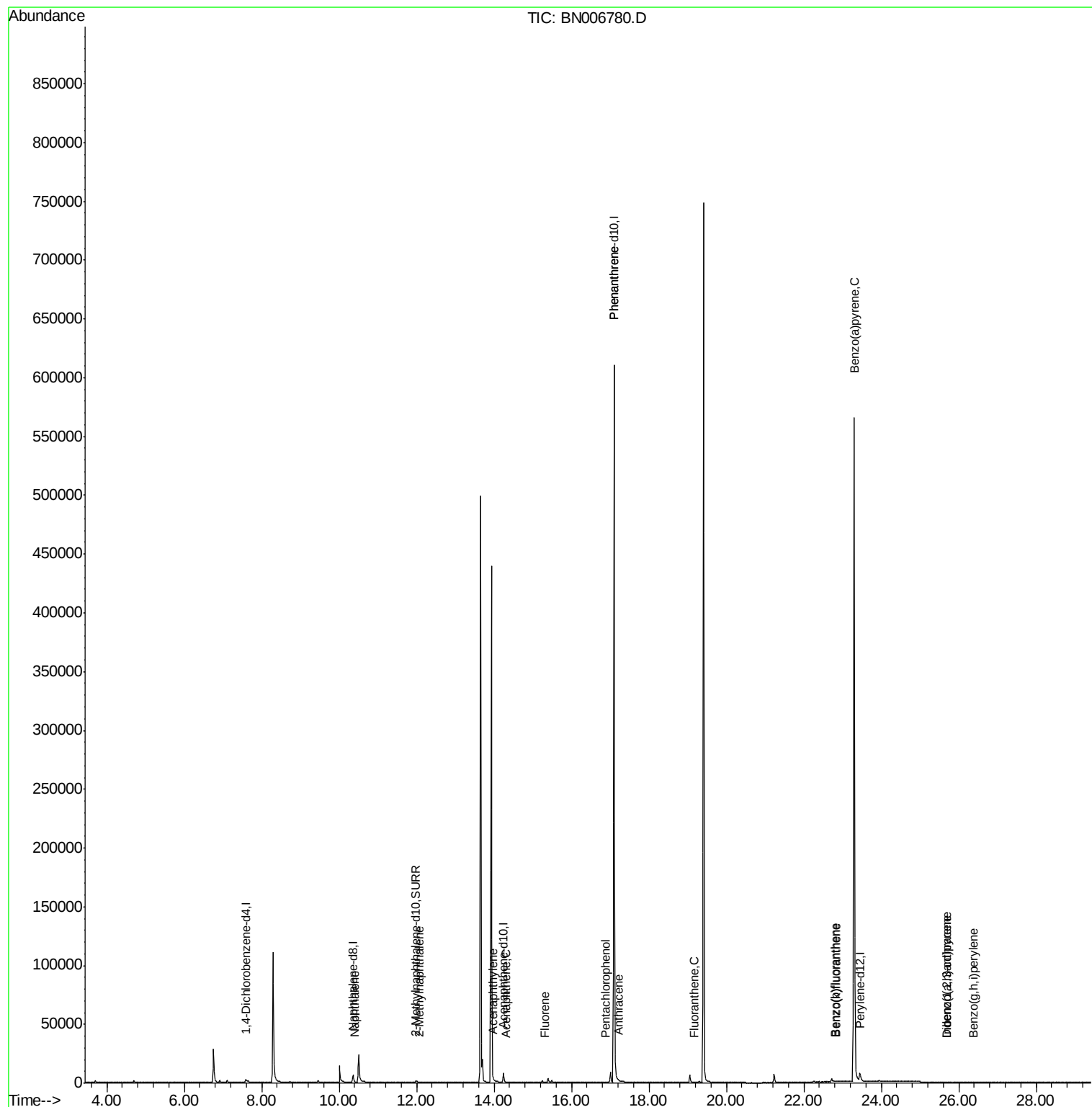
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2473	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9049	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4678	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	656950	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	14007	0.40	ng/ul	-0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3240	0.23	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.40	128	136	0.005	ng/ul#	1
5) 2-Methylnaphthalene	12.07	142	85	0.005	ng/ul	99
7) Acenaphthylene	13.99	152	3	0.000	ng/ul#	1
8) Acenaphthene	14.31	153	48	0.003	ng/ul#	76
9) Fluorene	15.30	166	58	0.003	ng/ul#	78
11) Pentachlorophenol	16.88	266	2	0.000	ng/ul	88
12) Phenanthrene	17.09	178	380	0.000	ng/ul#	1
13) Anthracene	17.21	178	18	0.000	ng/ul#	1
15) Fluoranthene	19.16	202	4	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	73	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	45	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	2763	0.049	ng/ul#	25
24) Indeno(1,2,3-cd)pyrene	25.69	276	1	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.68	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.38	276	8	0.000	ng/ul#	1

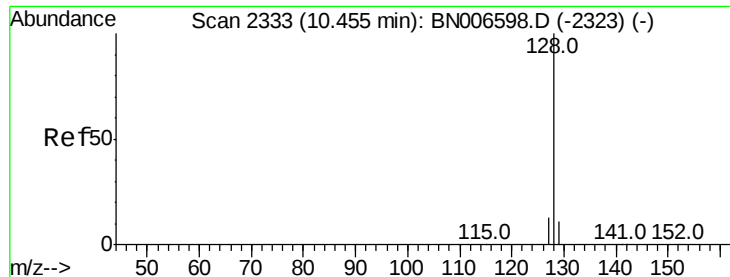
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.005 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.06 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

Instrument :

BNA_N

ClientSampleId :

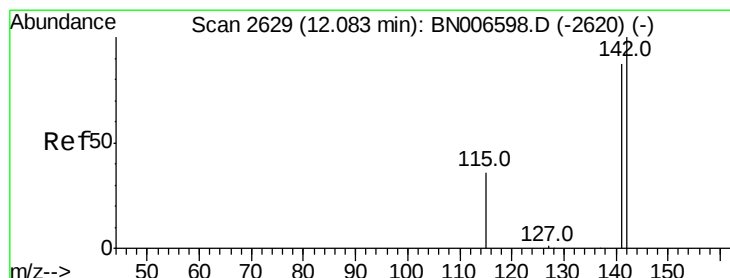
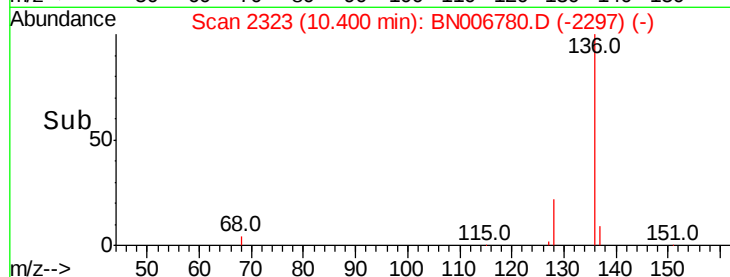
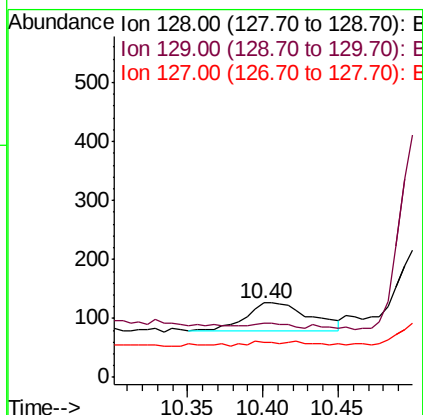
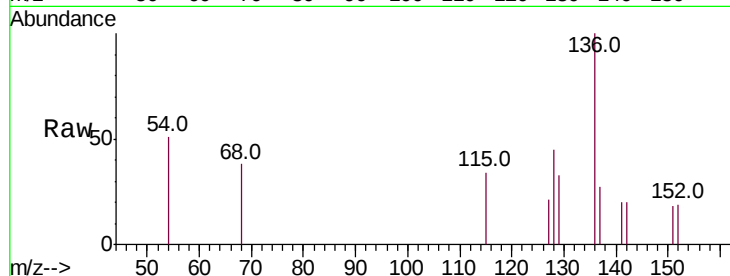
Tot Ion:128 Resp: 136

Ion Ratio Lower Upper

128 100

129 73.0 9.4 14.0#

127 47.6 10.6 16.0#



#5

2-Methylnaphthalene

Concen: 0.005 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN006780.D

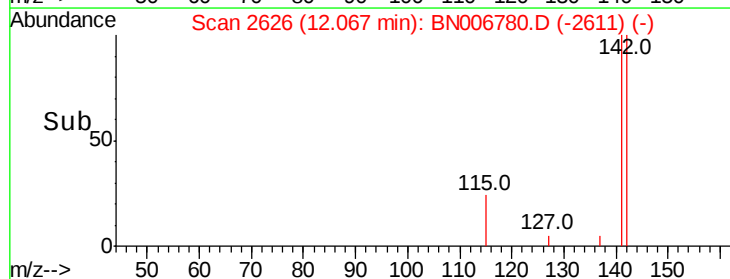
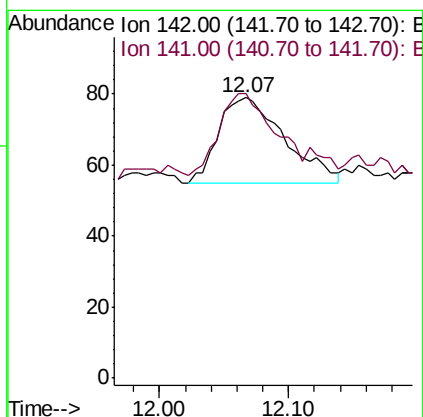
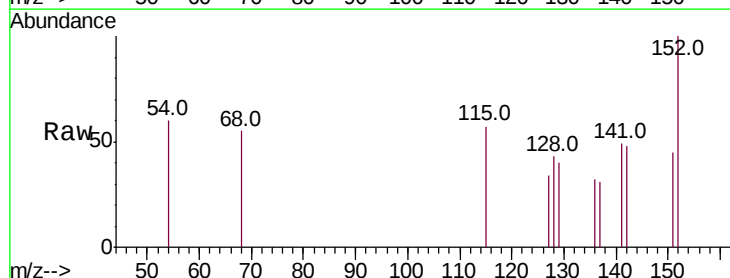
Acq: 10 Jul 2019 21:09

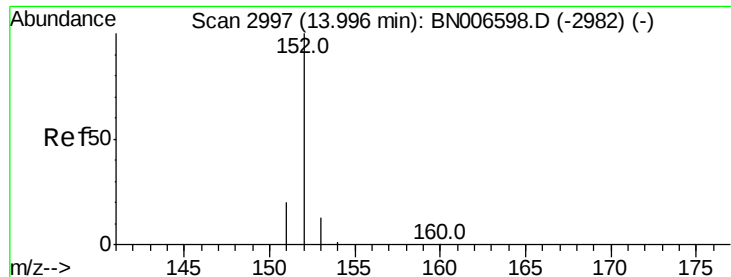
Tgt Ion:142 Resp: 85

Ion Ratio Lower Upper

142 100

141 90.6 71.8 107.6





#7

Acenaphthylene

Concen: 0.000 ng/ul

RT: 13.99 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BN006780.D

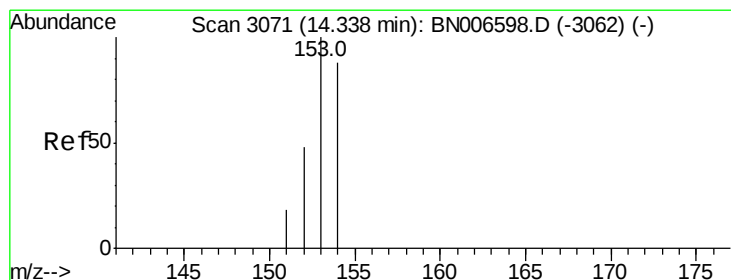
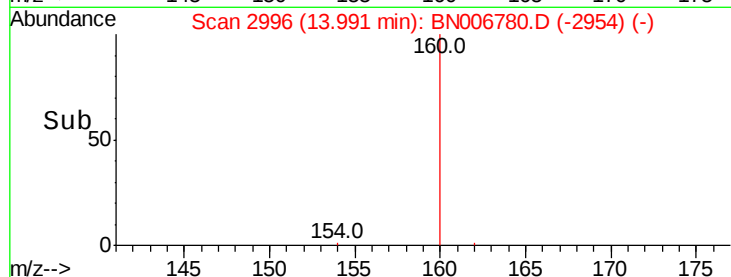
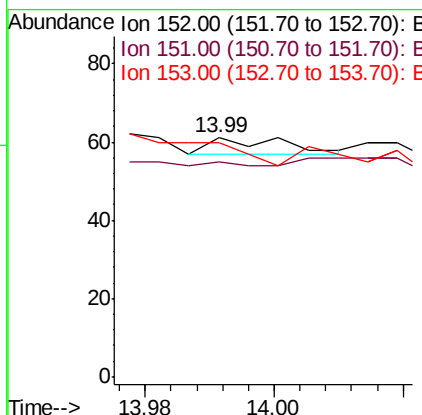
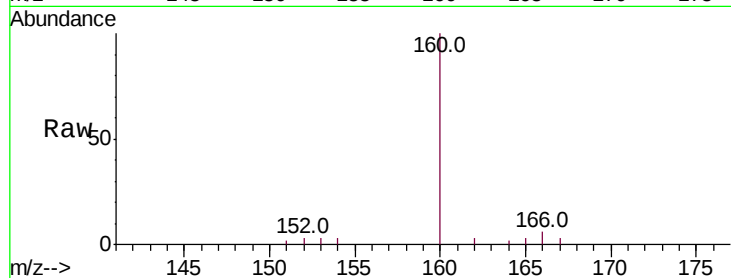
Acq: 10 Jul 2019 21:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	3
Ion	Ratio	Lower	Upper
152	100		
151	90.2	16.1	24.1#
153	98.4	11.2	16.8#



#8

Acenaphthene

Concen: 0.003 ng/ul

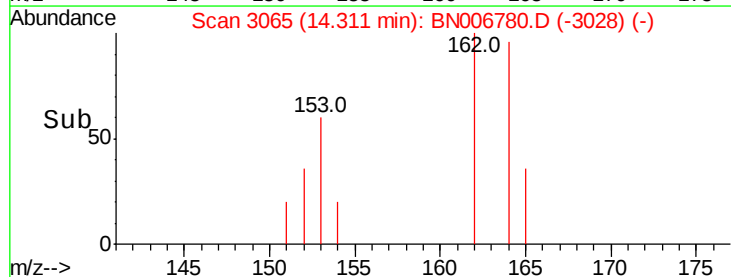
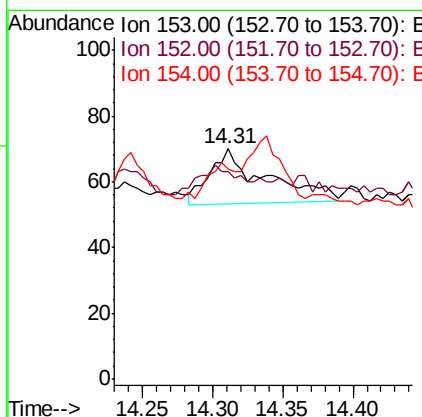
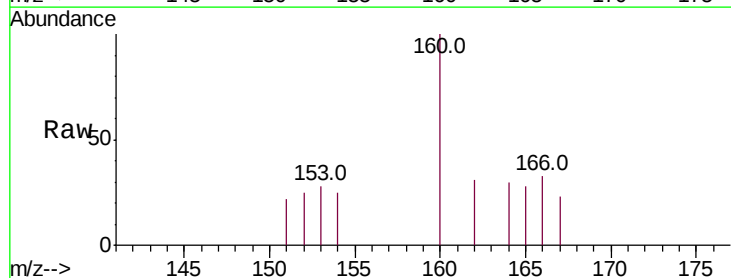
RT: 14.31 min Scan# 3065

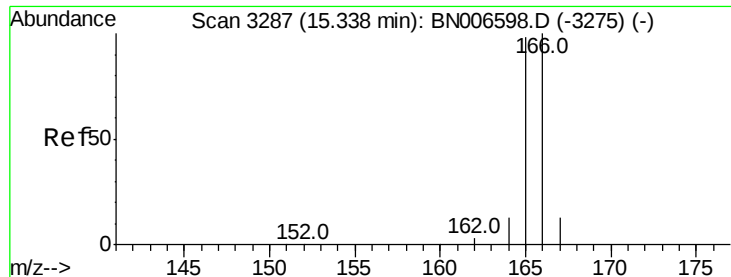
Delta R.T. -0.03 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

Tgt Ion:	153	Resp:	48
Ion	Ratio	Lower	Upper
153	100		
152	90.0	39.3	58.9#
154	91.4	70.6	105.8





#9

Fluorene

Concen: 0.003 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

Instrument :

BNA_N

ClientSampled :

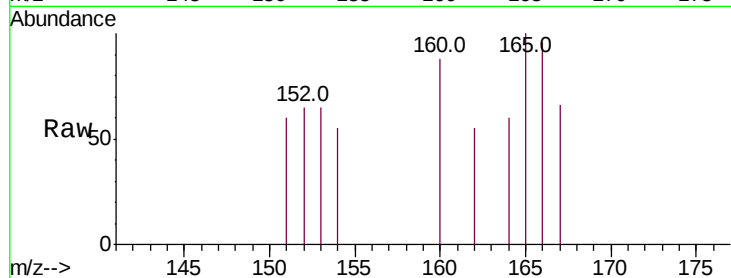
Tot Ion:166 Resp: 58

Ion Ratio Lower Upper

166 100

165 104.1 78.2 117.4

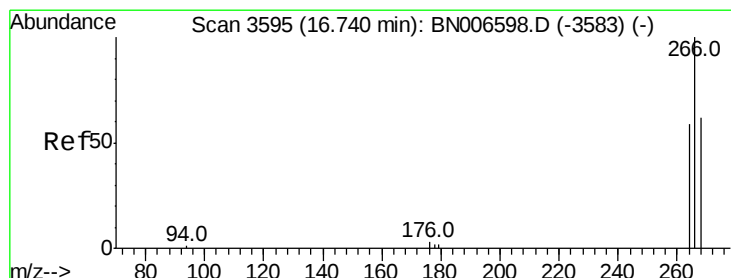
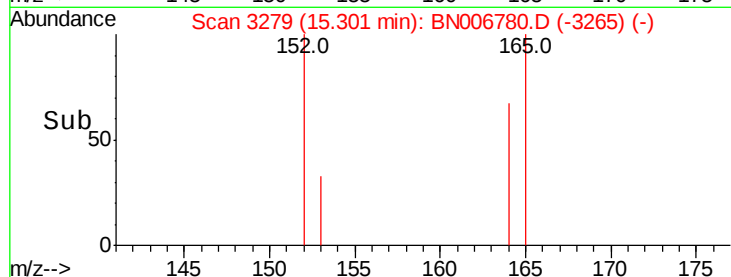
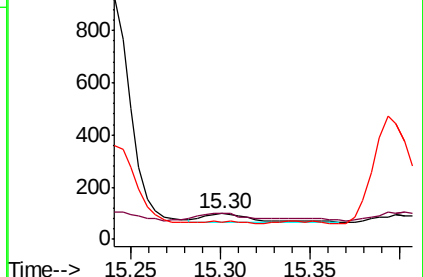
167 68.4 11.3 16.9#



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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.88 min Scan# 3629

Delta R.T. 0.14 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

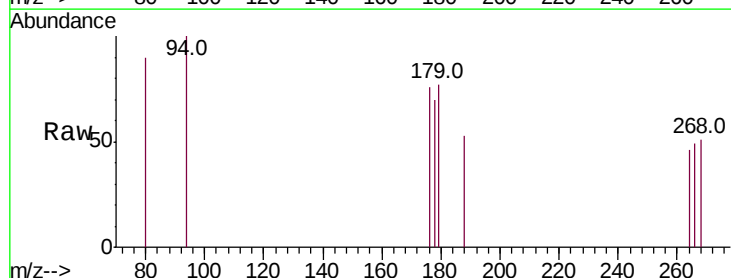
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 50.0 45.9 68.9

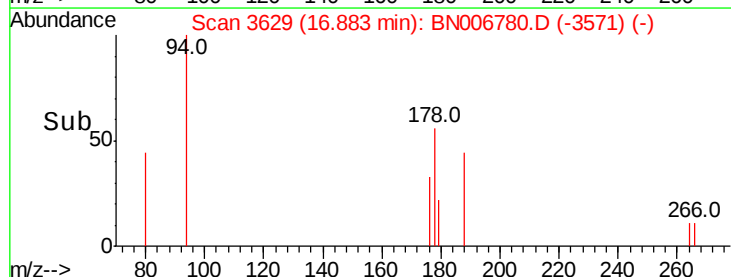
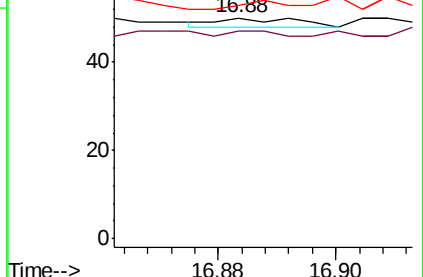
268 50.0 48.1 72.1

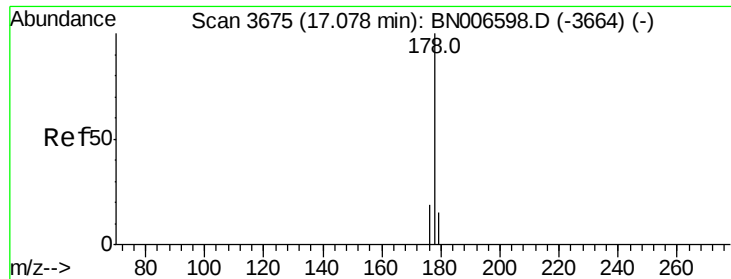


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

Instrument :

BNA_N

ClientSampleId :

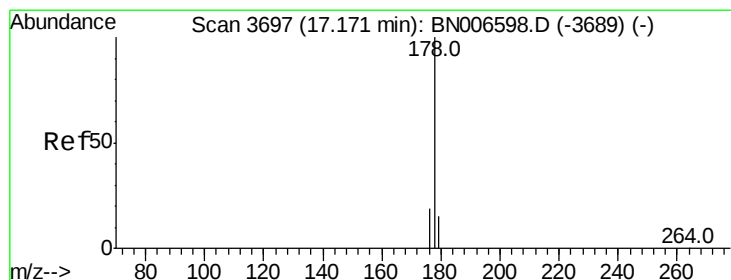
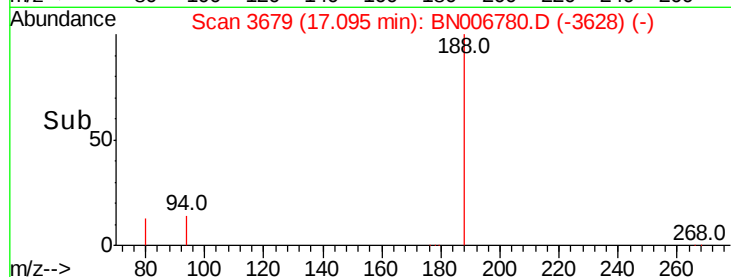
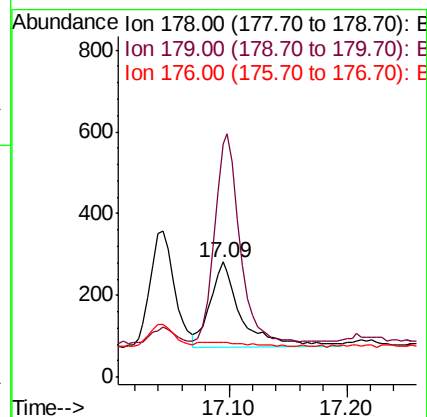
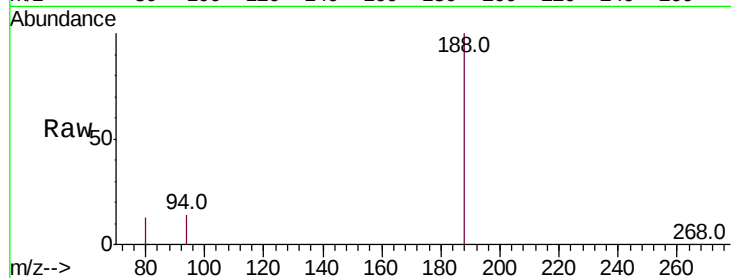
Tot Ion:178 Resp: 380

Ion Ratio Lower Upper

178 100

179 203.2 12.6 19.0#

176 30.2 15.8 23.8#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.21 min Scan# 3707

Delta R.T. 0.04 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

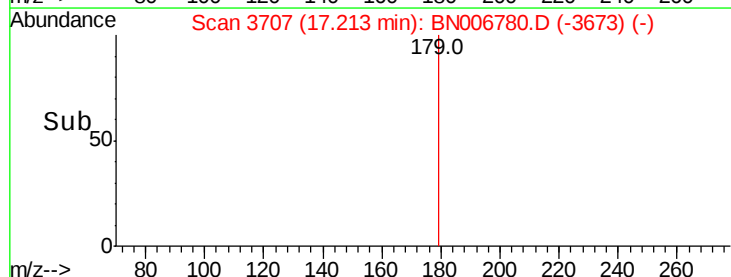
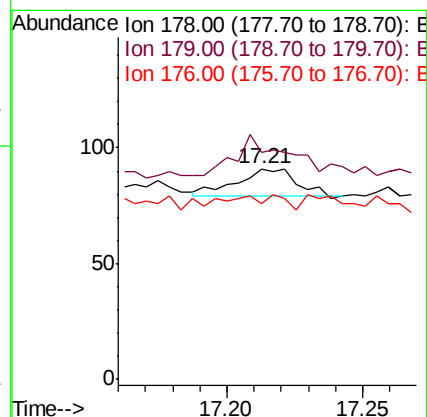
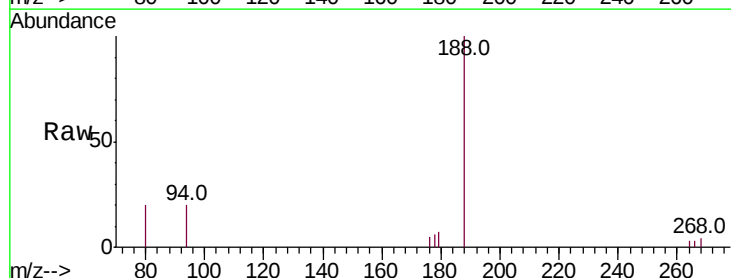
Tgt Ion:178 Resp: 18

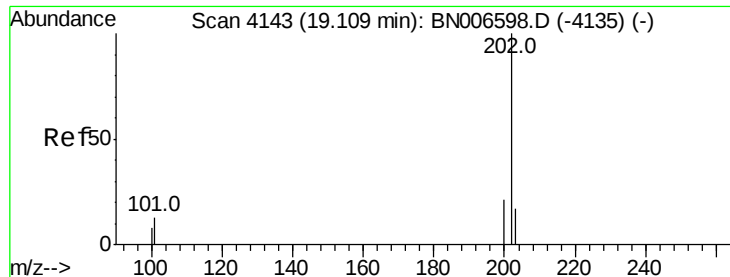
Ion Ratio Lower Upper

178 100

179 107.7 12.7 19.1#

176 83.5 15.8 23.6#

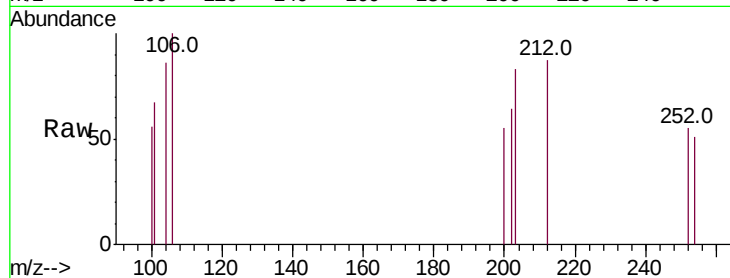




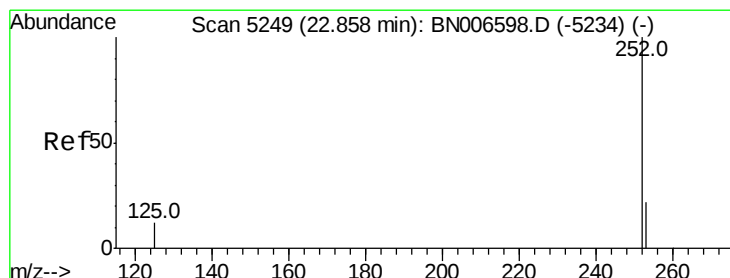
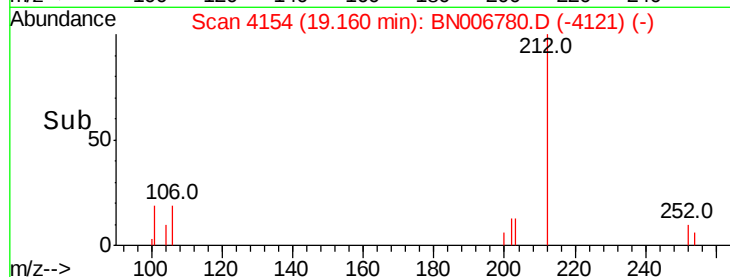
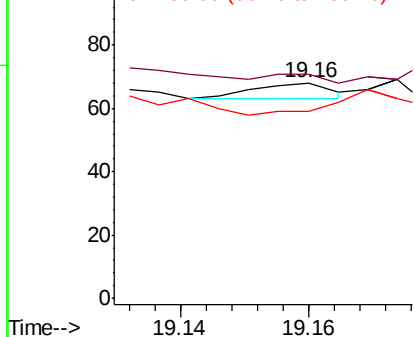
#15
 Fluoranthene
 Concen: 0.000 ng/ul
 RT: 19.16 min Scan# 4154
 Delta R.T. 0.05 min
 Lab File: BN006780.D
 Acq: 10 Jul 2019 21:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 4
 Ion Ratio Lower Upper
 202 100
 101 104.4 0.0 33.2#
 100 86.8 0.0 29.9#

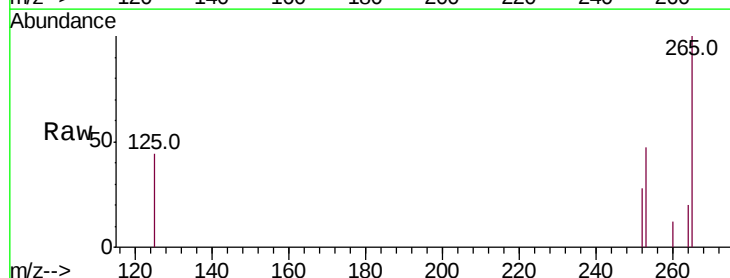


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

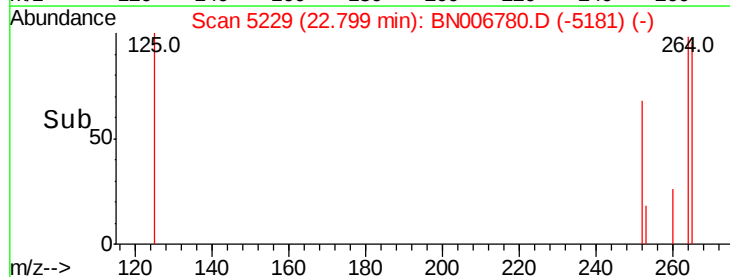
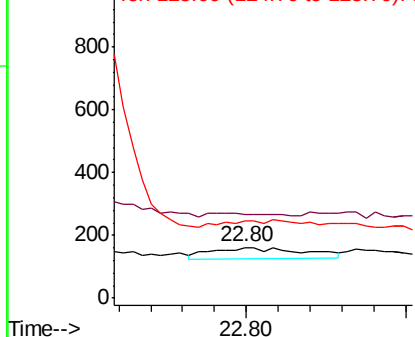


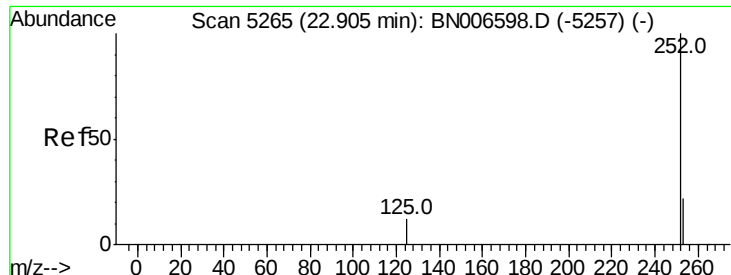
#21
 Benzo(b)fluoranthene
 Concen: 0.001 ng/ul
 RT: 22.80 min Scan# 5229
 Delta R.T. -0.06 min
 Lab File: BN006780.D
 Acq: 10 Jul 2019 21:09

Tgt Ion:252 Resp: 73
 Ion Ratio Lower Upper
 252 100
 253 165.8 0.0 47.8#
 125 154.0 0.0 29.2#



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: 0.001 ng/ul

RT: 22.83 min Scan# 5241

Delta R.T. -0.07 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

Instrument :

BNA_N

ClientSampleId :

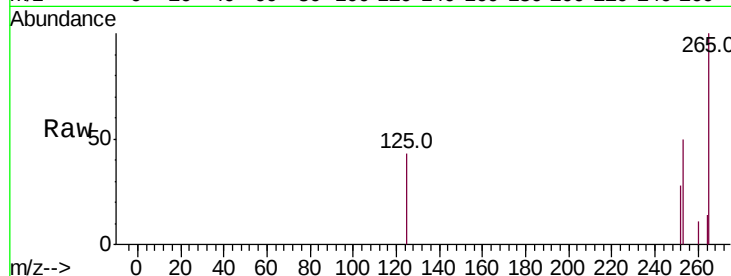
Tot Ion:252 Resp: 45

Ion Ratio Lower Upper

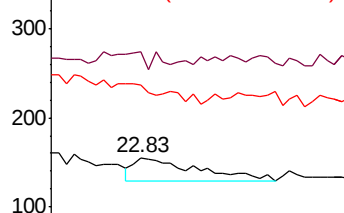
252 100

253 176.8 19.2 28.8#

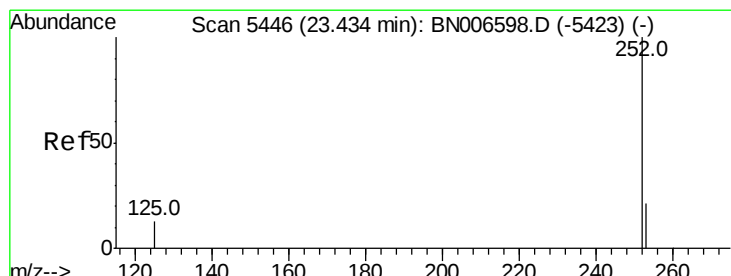
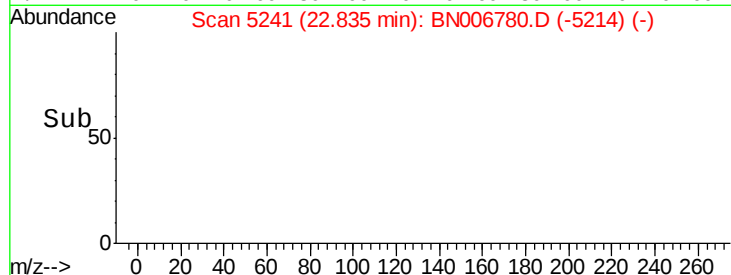
125 152.9 11.0 16.6#



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--> 22.80 22.85 22.90



#23

Benzo(a)pyrene

Concen: 0.049 ng/ul

RT: 23.30 min Scan# 5399

Delta R.T. -0.14 min

Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

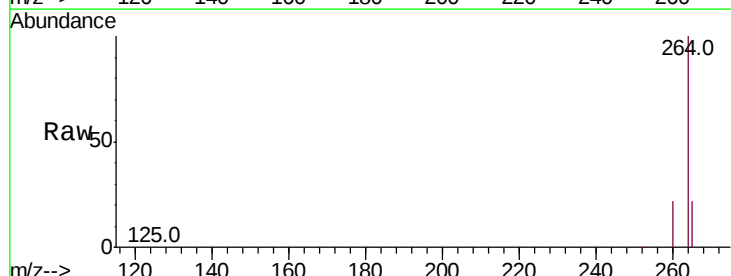
Tgt Ion:252 Resp: 2763

Ion Ratio Lower Upper

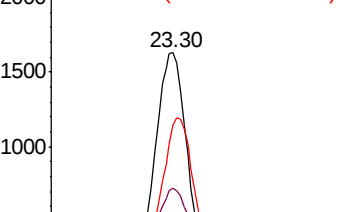
252 100

253 44.5 19.4 29.2#

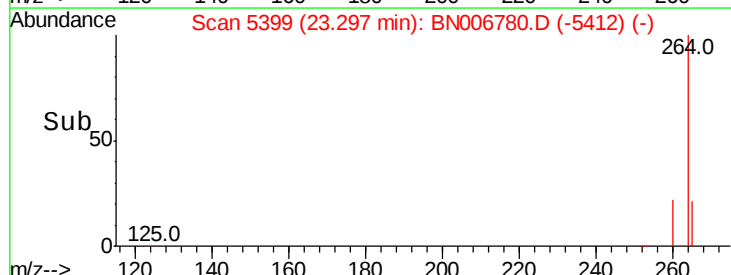
125 69.9 12.6 19.0#

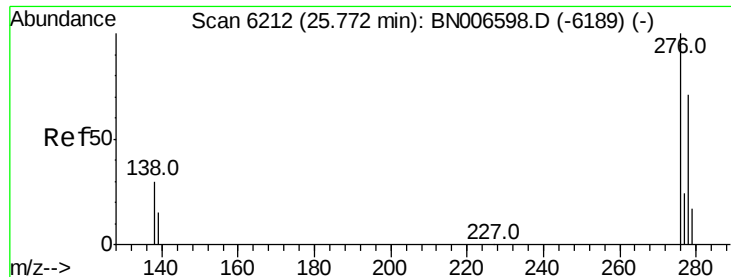


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.20 23.30 23.40



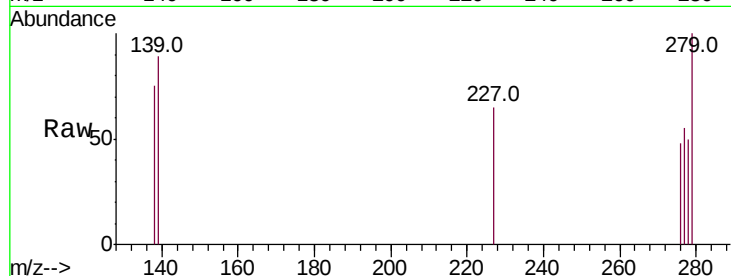


#24

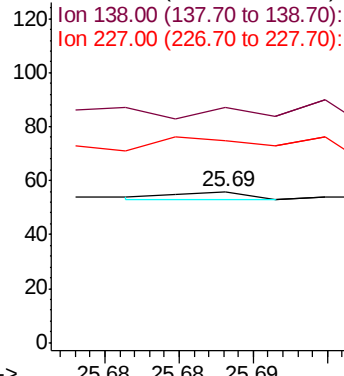
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/u1
RT: 25.69 min Scan# 6187
Delta R.T. -0.08 min
Lab File: BN006780.D
Acq: 10 Jul 2019 21:09

Instrument :
BNA_N
ClientSampleId :

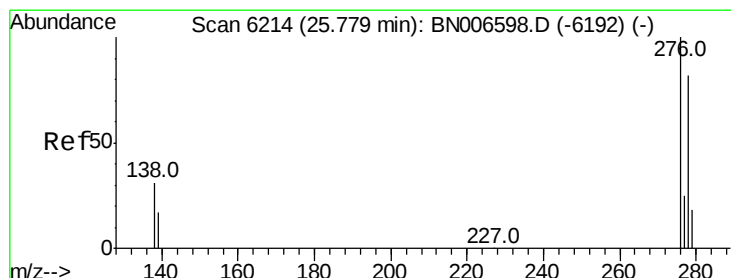
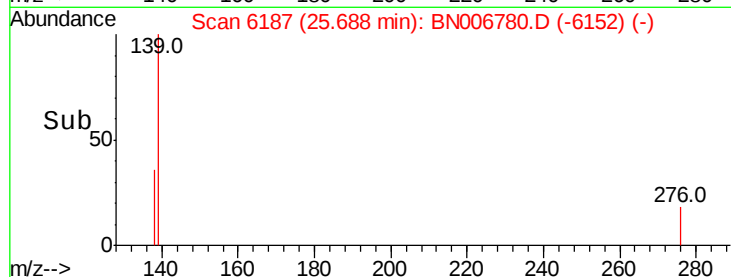
Tot Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 600.0 24.3 36.5#
227 500.0 0.2 0.4#



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



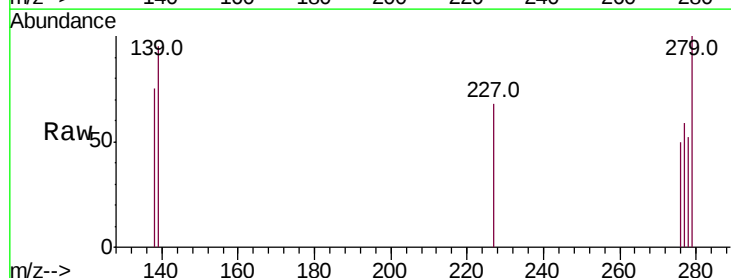
Time-->



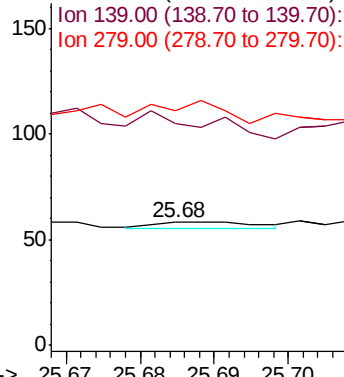
#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.68 min Scan# 6186
Delta R.T. -0.09 min
Lab File: BN006780.D
Acq: 10 Jul 2019 21:09

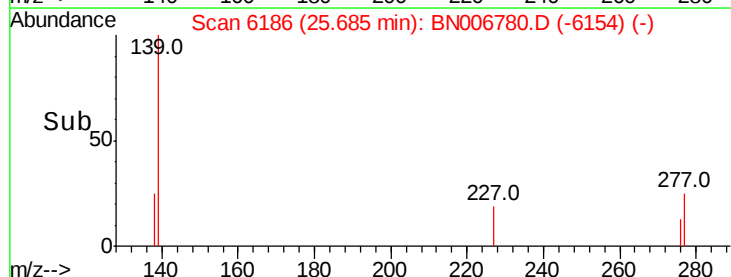
Tgt Ion:278 Resp: 3
Ion Ratio Lower Upper
278 100
139 181.0 18.1 27.1#
279 191.4 19.8 29.6#

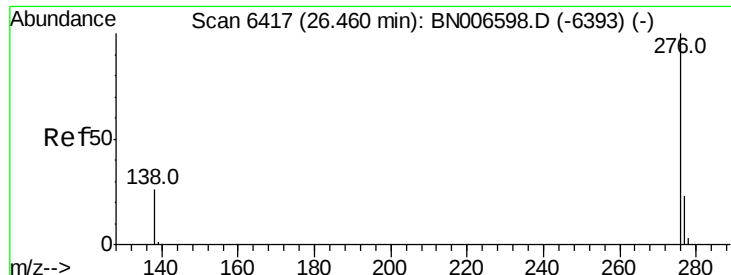


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.38 min Scan# 6393

Delta R.T. -0.08 min

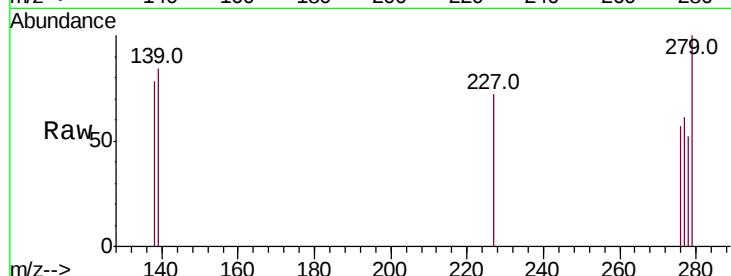
Lab File: BN006780.D

Acq: 10 Jul 2019 21:09

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

138 135.6 22.2 33.2#

277 106.8 19.5 29.3#

