

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006779.D
 Acq On : 10 Jul 2019 20:34
 Operator : HP/JU
 Sample : K3596-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:43 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

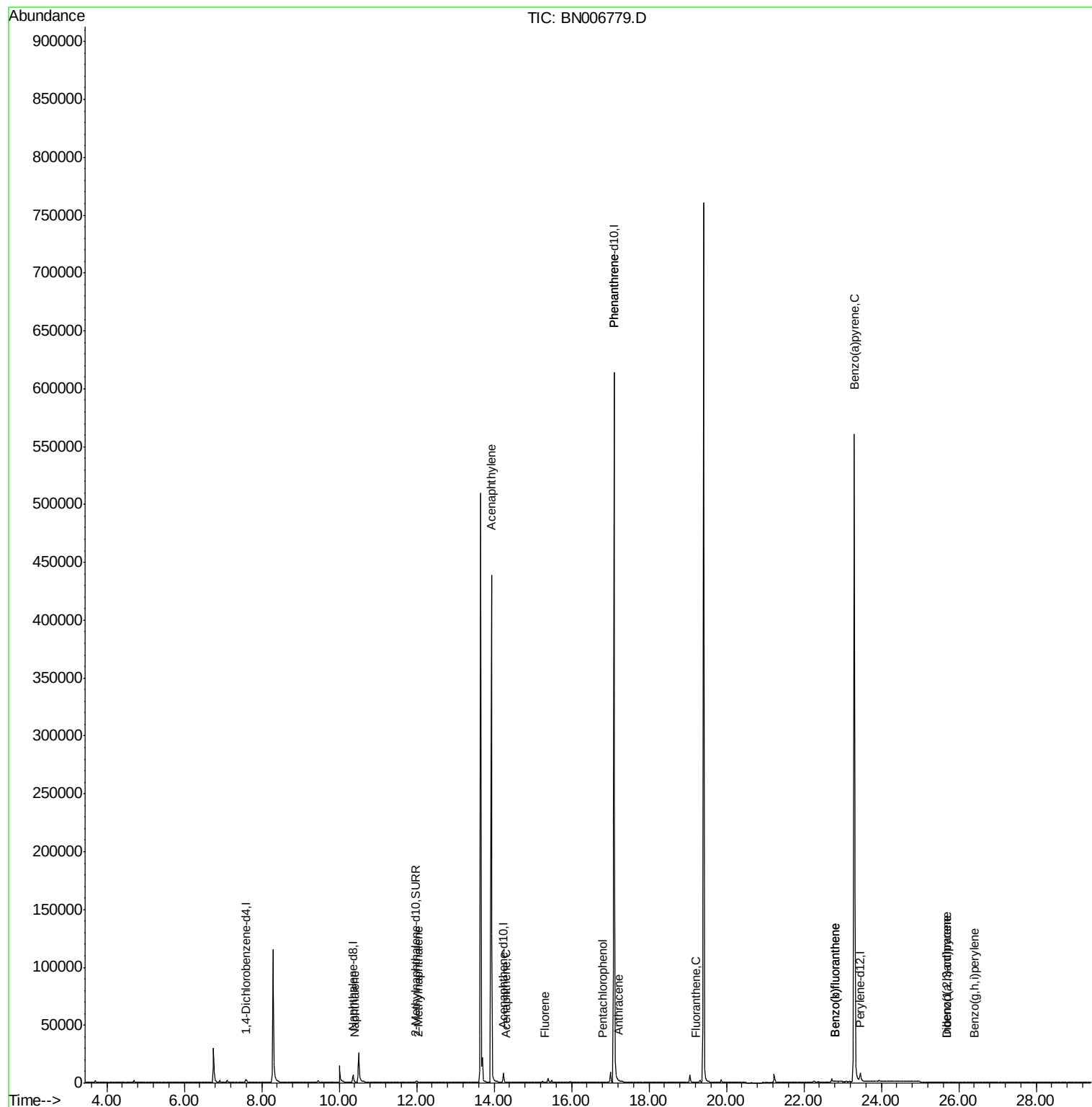
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2450	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9037	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4759	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	671895	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	14011	0.40	ng/ul	-0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3247	0.23	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.41	128	233	0.009	ng/ul#	9
5) 2-Methylnaphthalene	12.06	142	221	0.013	ng/ul	99
7) Acenaphthylene	13.93	152	116	0.005	ng/ul#	1
8) Acenaphthene	14.32	153	52	0.003	ng/ul#	77
9) Fluorene	15.30	166	84	0.004	ng/ul#	80
11) Pentachlorophenol	16.79	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.09	178	356	0.000	ng/ul#	1
13) Anthracene	17.21	178	16	0.000	ng/ul#	1
15) Fluoranthene	19.22	202	23	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.81	252	129	0.002	ng/ul#	1
22) Benzo(k)fluoranthene	22.81	252	129	0.002	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	2864	0.051	ng/ul#	40
24) Indeno(1,2,3-cd)pyrene	25.68	276	2	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	26.41	276	77	0.002	ng/ul#	1

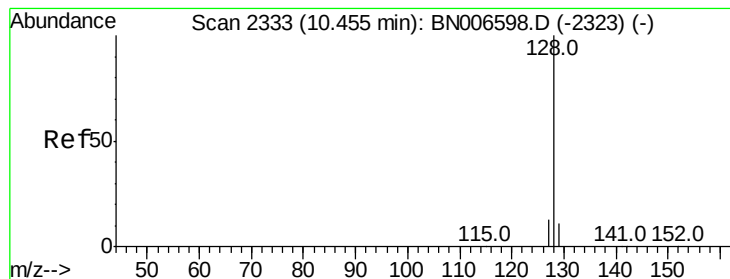
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 27 14:44:40 2019
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#3

Naphthalene

Concen: 0.009 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.05 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampleId :

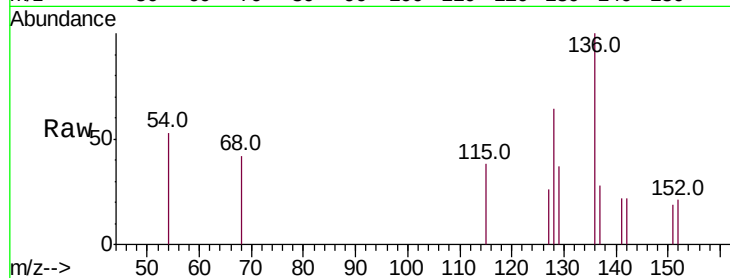
Tot Ion:128 Resp: 233

Ion Ratio Lower Upper

128 100

129 57.6 9.4 14.0#

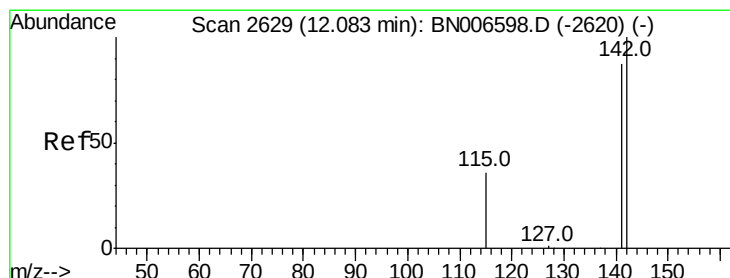
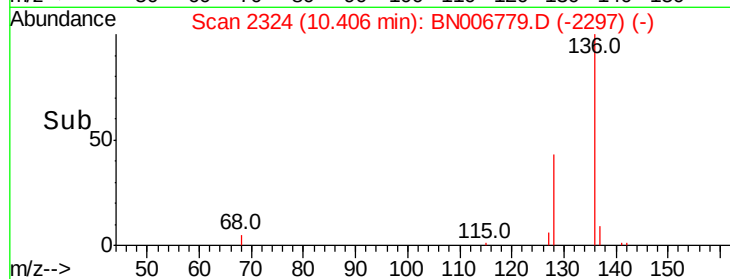
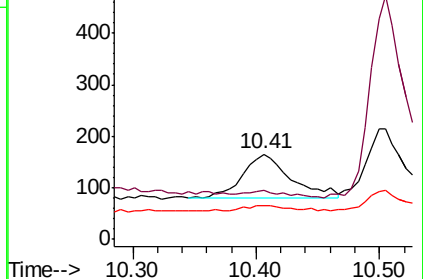
127 40.0 10.6 16.0#



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: 0.013 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.02 min

Lab File: BN006779.D

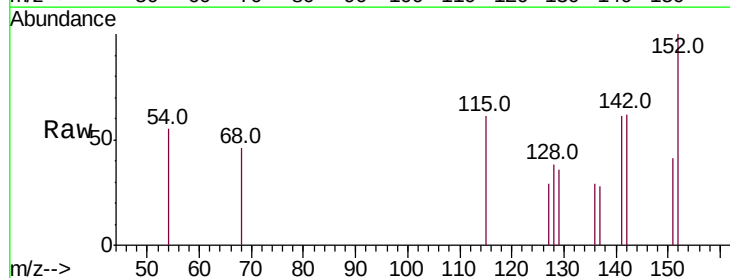
Acq: 10 Jul 2019 20:34

Tgt Ion:142 Resp: 221

Ion Ratio Lower Upper

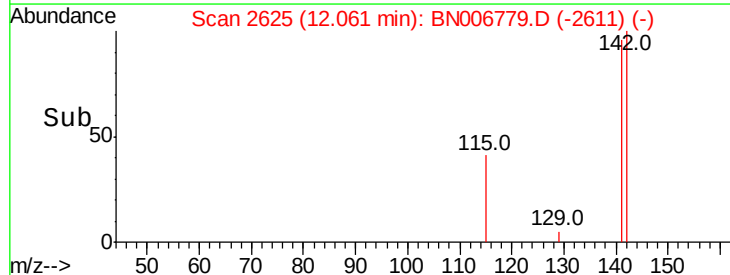
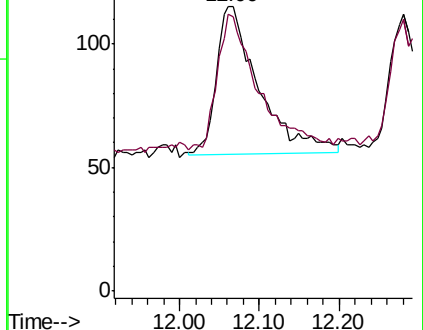
142 100

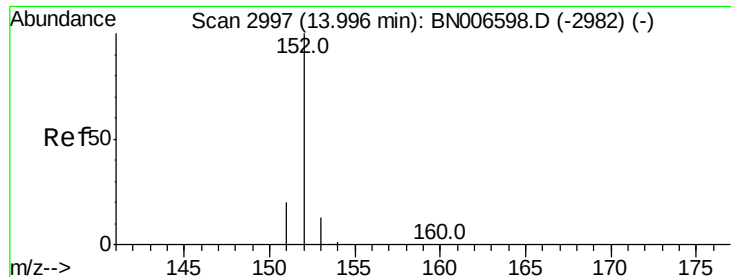
141 90.5 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.005 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.07 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampleId :

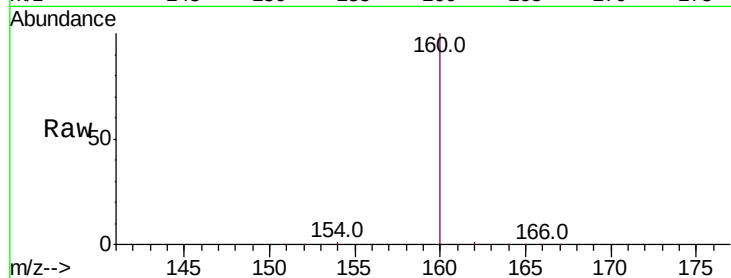
Tot Ion:152 Resp: 116

Ion Ratio Lower Upper

152 100

151 63.3 16.1 24.1#

153 295.4 11.2 16.8#



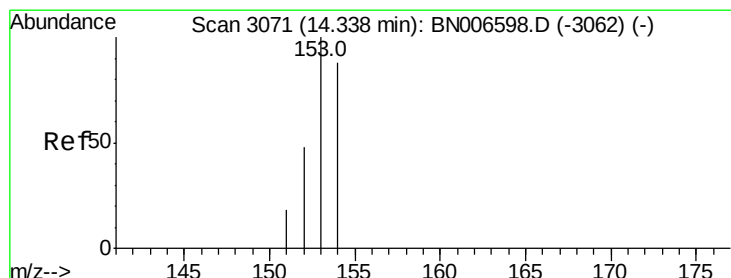
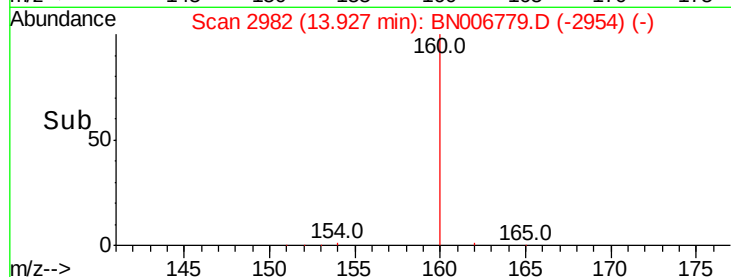
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.93

Time--> 13.85 13.90 13.95 14.00



#8

Acenaphthene

Concen: 0.003 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

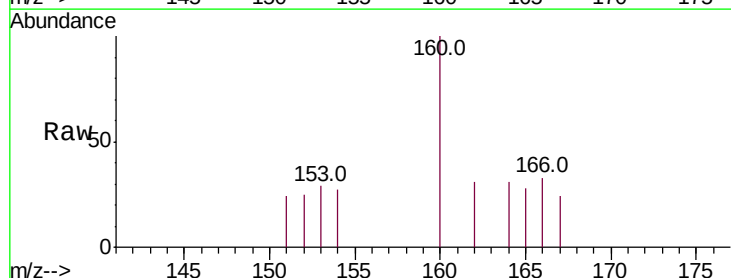
Tgt Ion:153 Resp: 52

Ion Ratio Lower Upper

153 100

152 86.1 39.3 58.9#

154 93.1 70.6 105.8



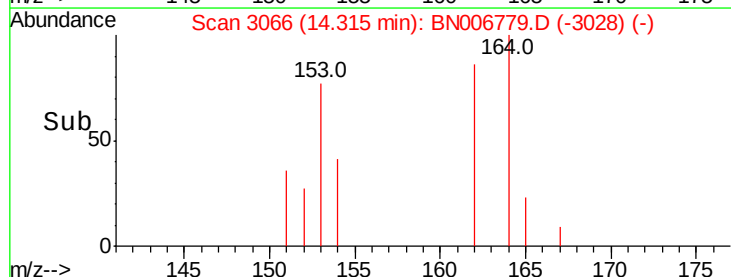
Abundance Ion 153.00 (152.70 to 153.70): E

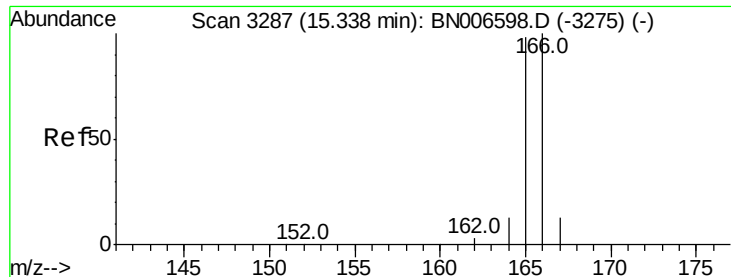
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.32

Time--> 14.25 14.30 14.35 14.40





#9

Fluorene

Concen: 0.004 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampled :

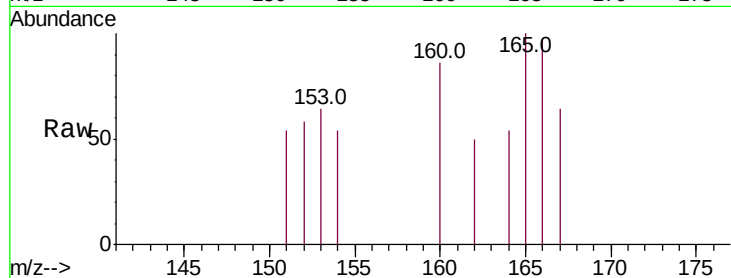
Tot Ion:166 Resp: 84

Ion Ratio Lower Upper

166 100

165 102.9 78.2 117.4

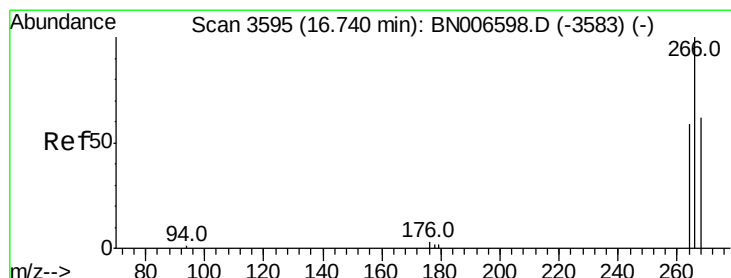
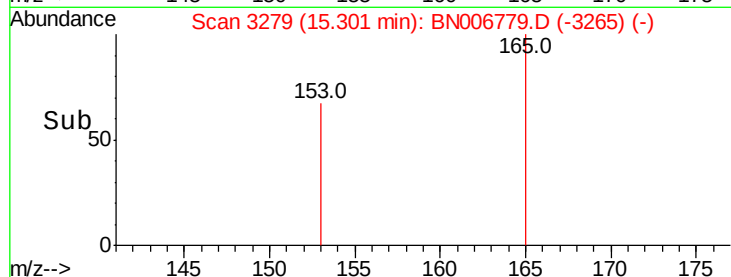
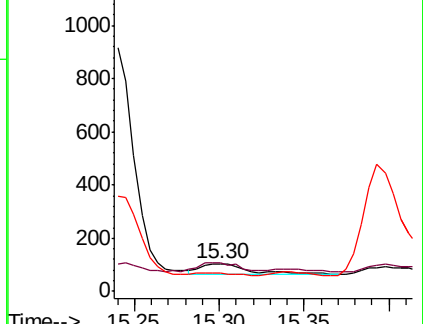
167 65.7 11.3 16.9#



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: 16.79 min Scan# 3608

Delta R.T. 0.05 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

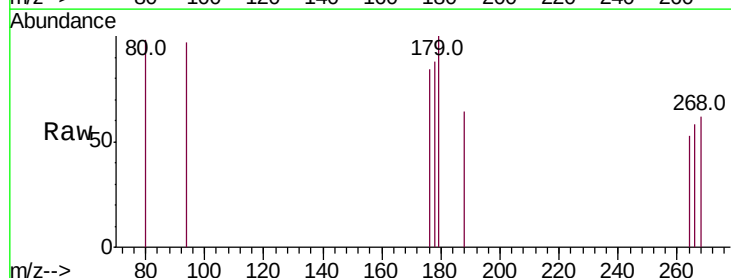
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 45.9 68.9#

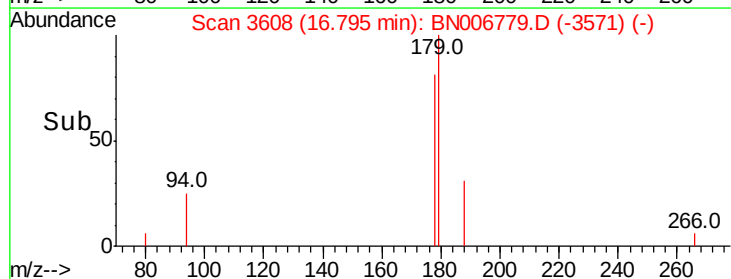
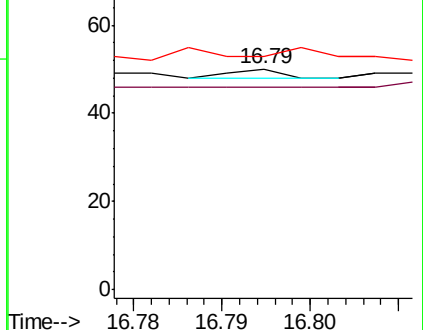
268 200.0 48.1 72.1#

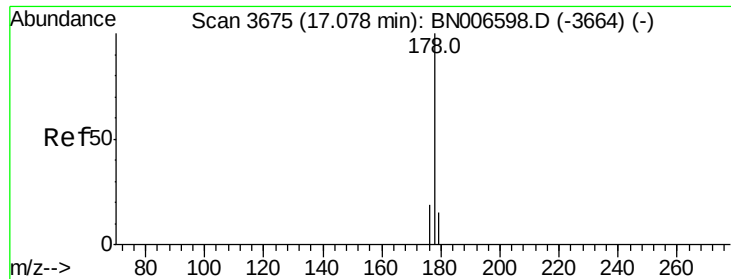


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampleId :

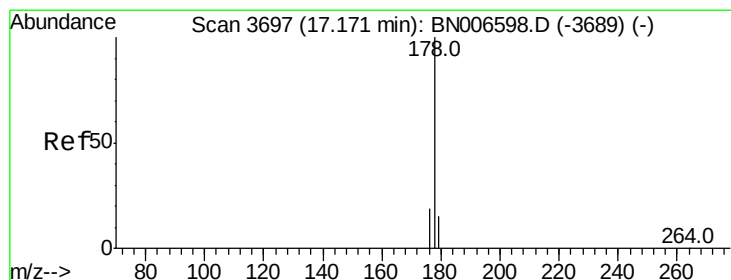
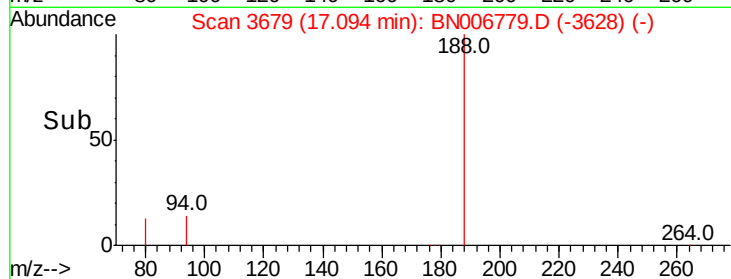
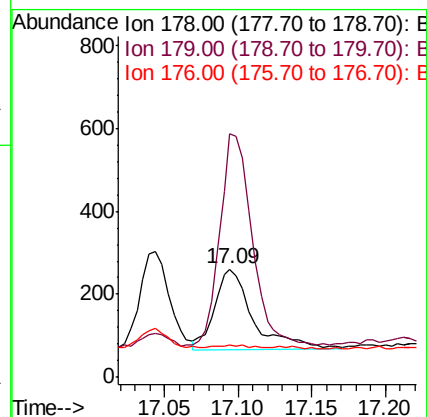
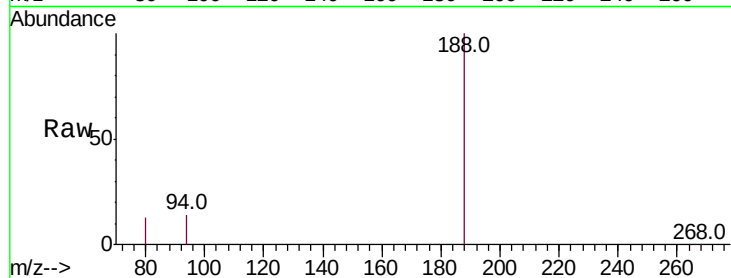
Tot Ion:178 Resp: 356

Ion Ratio Lower Upper

178 100

179 224.9 12.6 19.0#

176 29.9 15.8 23.8#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.21 min Scan# 3706

Delta R.T. 0.04 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

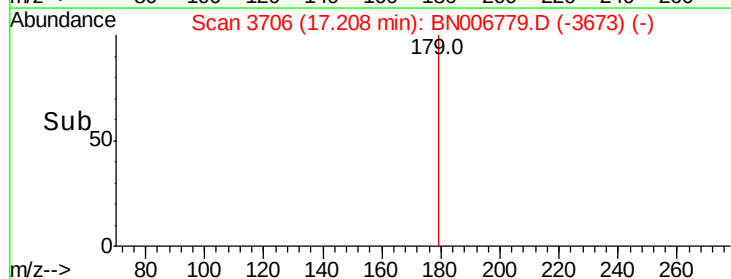
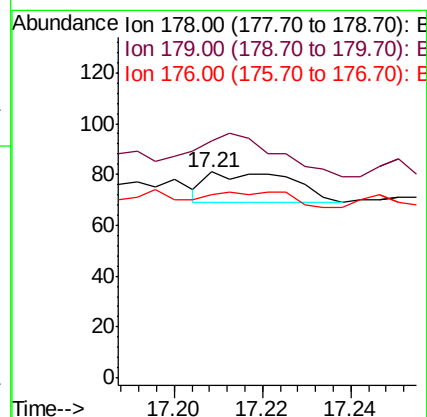
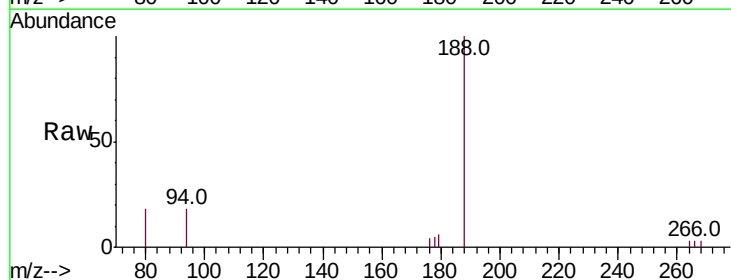
Tgt Ion:178 Resp: 16

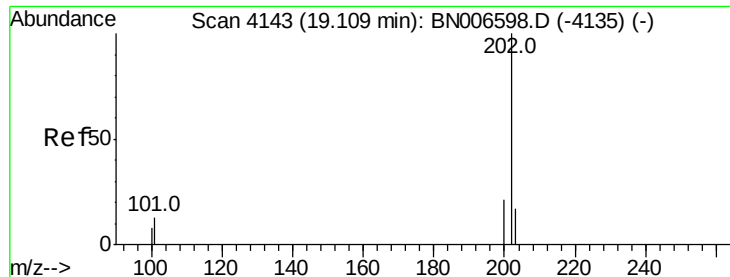
Ion Ratio Lower Upper

178 100

179 114.8 12.7 19.1#

176 88.9 15.8 23.6#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.22 min Scan# 4166

Delta R.T. 0.11 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampleId :

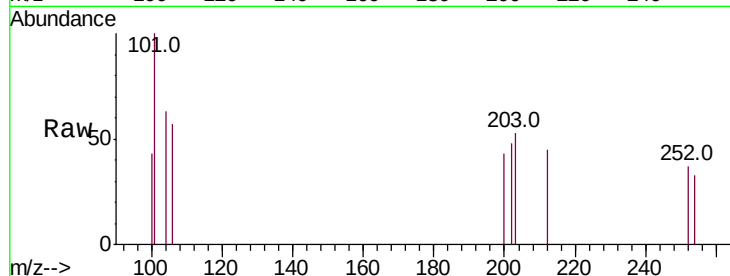
Tot Ion:202 Resp: 23

Ion Ratio Lower Upper

202 100

101 207.5 0.0 33.2#

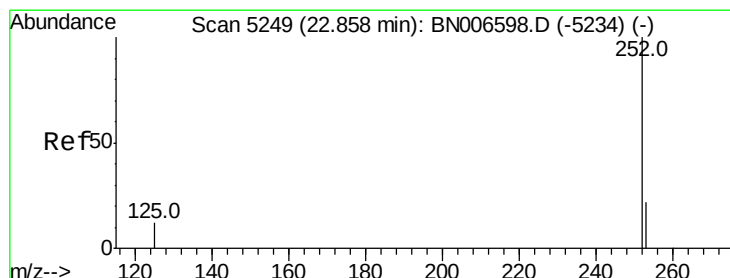
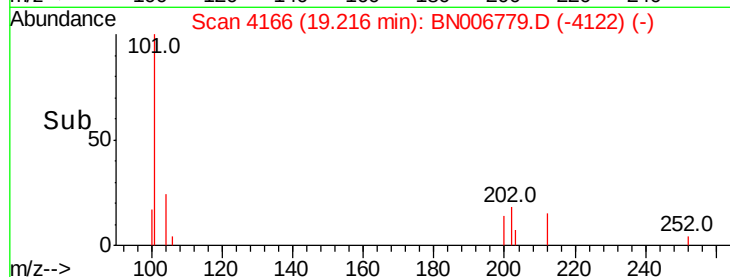
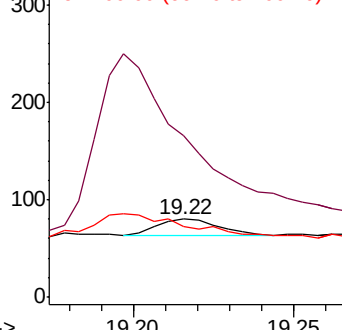
100 90.0 0.0 29.9#



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: 0.002 ng/ul

RT: 22.81 min Scan# 5231

Delta R.T. -0.05 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

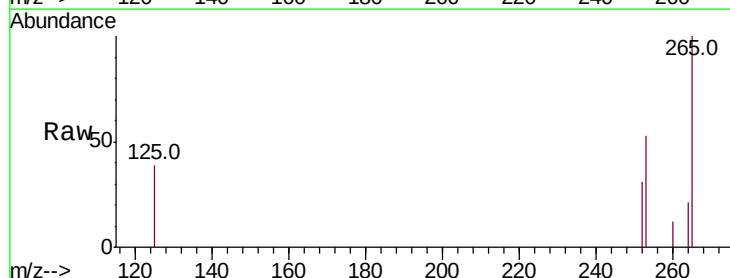
Tgt Ion:252 Resp: 129

Ion Ratio Lower Upper

252 100

253 172.3 0.0 47.8#

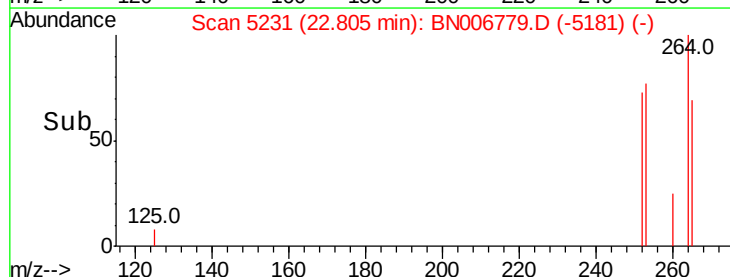
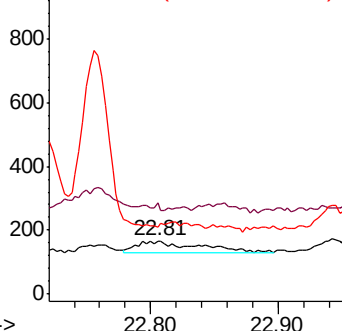
125 127.1 0.0 29.2#

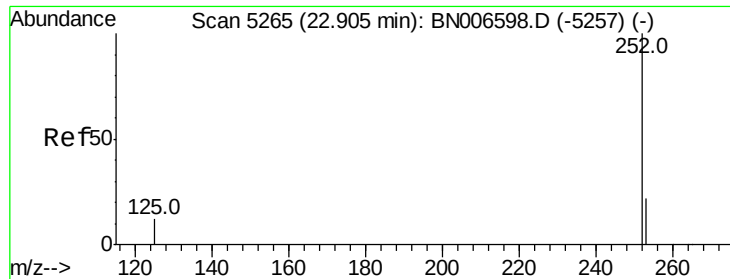


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 22.81 min Scan# 5231

Delta R.T. -0.10 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampleId :

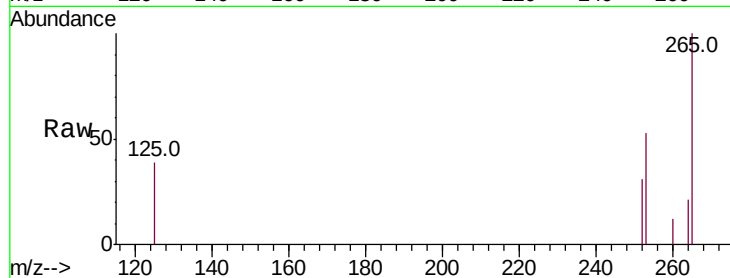
Tot Ion:252 Resp: 129

Ion Ratio Lower Upper

252 100

253 172.3 19.2 28.8#

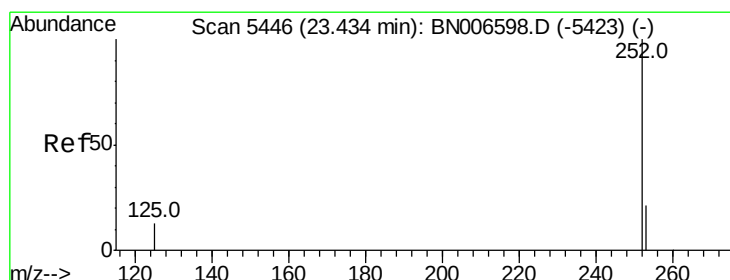
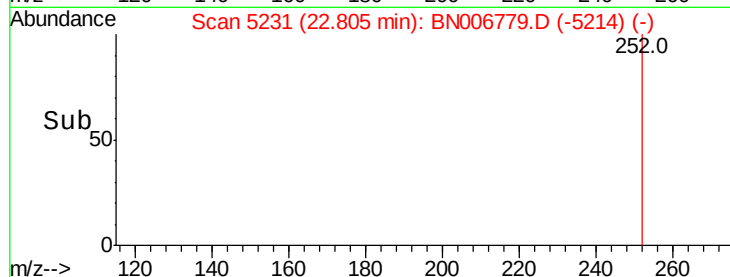
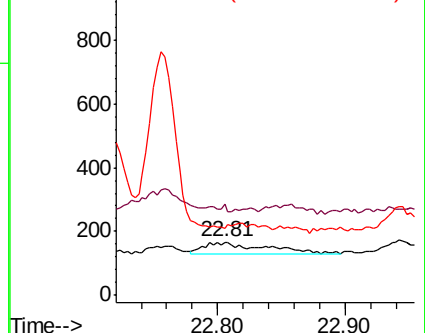
125 127.1 11.0 16.6#



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



#23

Benzo(a)pyrene

Concen: 0.051 ng/ul

RT: 23.30 min Scan# 5400

Delta R.T. -0.13 min

Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

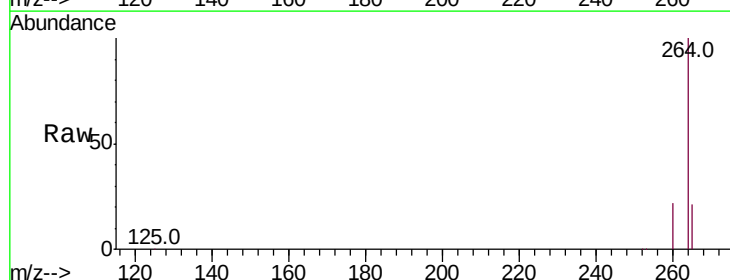
Tgt Ion:252 Resp: 2864

Ion Ratio Lower Upper

252 100

253 43.1 19.4 29.2#

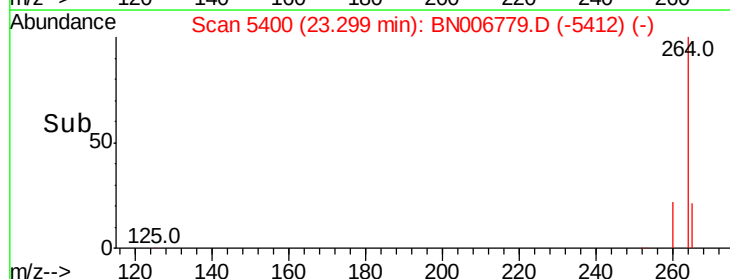
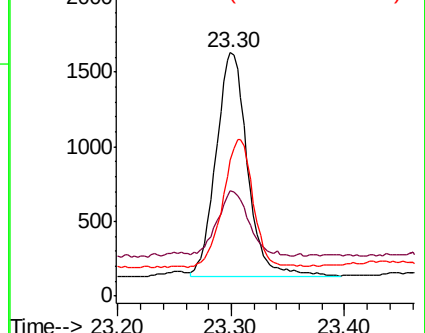
125 55.9 12.6 19.0#

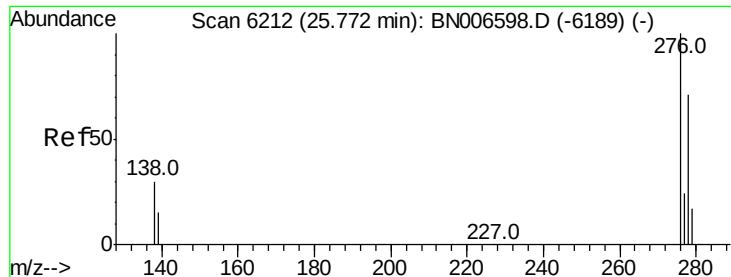


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



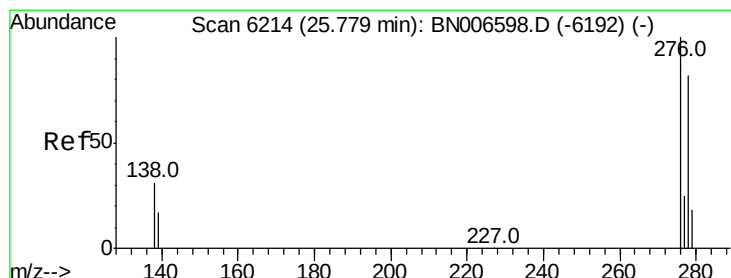
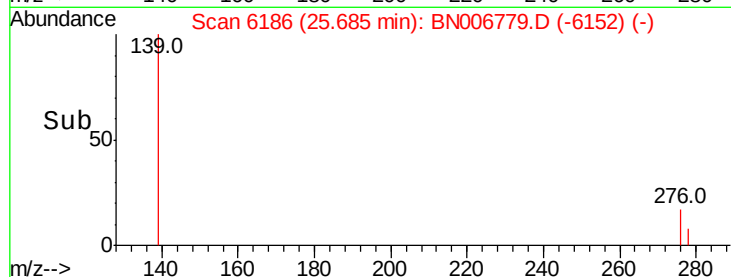
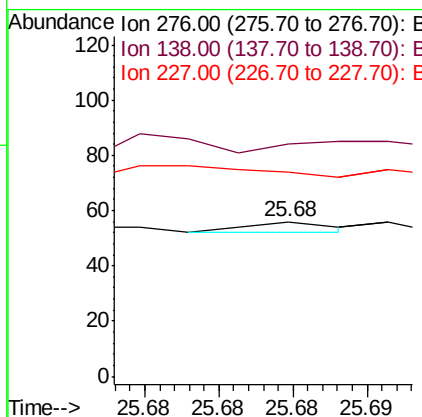
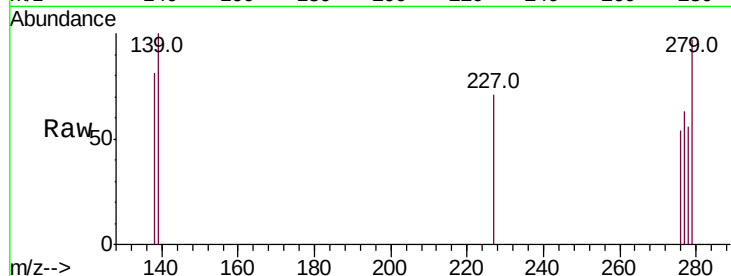


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.68 min Scan# 6186
Delta R.T. -0.09 min
Lab File: BN006779.D
Acq: 10 Jul 2019 20:34

Instrument :
BNA_N
ClientSampleId :

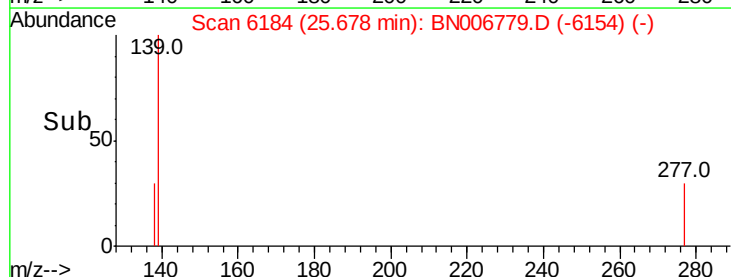
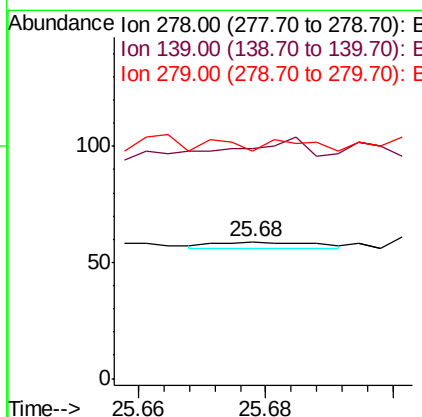
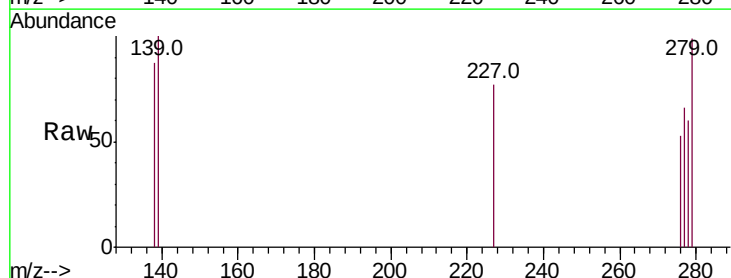
Tot Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 450.0 24.3 36.5#
227 150.0 0.2 0.4#

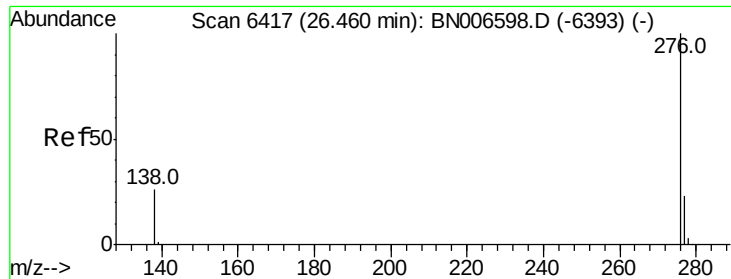


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.68 min Scan# 6184
Delta R.T. -0.10 min
Lab File: BN006779.D
Acq: 10 Jul 2019 20:34

Tgt Ion:278 Resp: 3
Ion Ratio Lower Upper
278 100
139 167.8 18.1 27.1#
279 166.1 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.002 ng/ul

RT: 26.41 min Scan# 6401

Delta R.T. -0.05 min

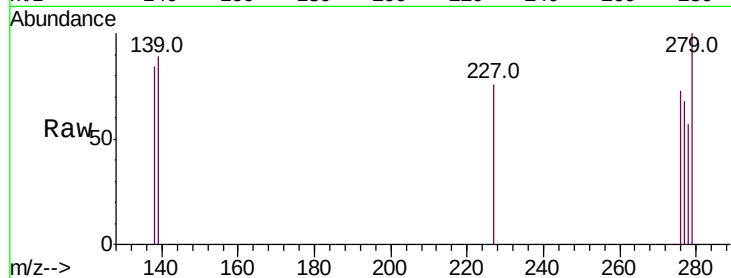
Lab File: BN006779.D

Acq: 10 Jul 2019 20:34

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 77

Ion Ratio Lower Upper

276 100

138 113.9 22.2 33.2#

277 93.1 19.5 29.3#

