

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006783.D
 Acq On : 10 Jul 2019 22:53
 Operator : HP/JU
 Sample : K3596-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:01:08 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	2898	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	10856	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	5920	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	1086717	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	17794	0.40	ng/ul	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	5479	0.33	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

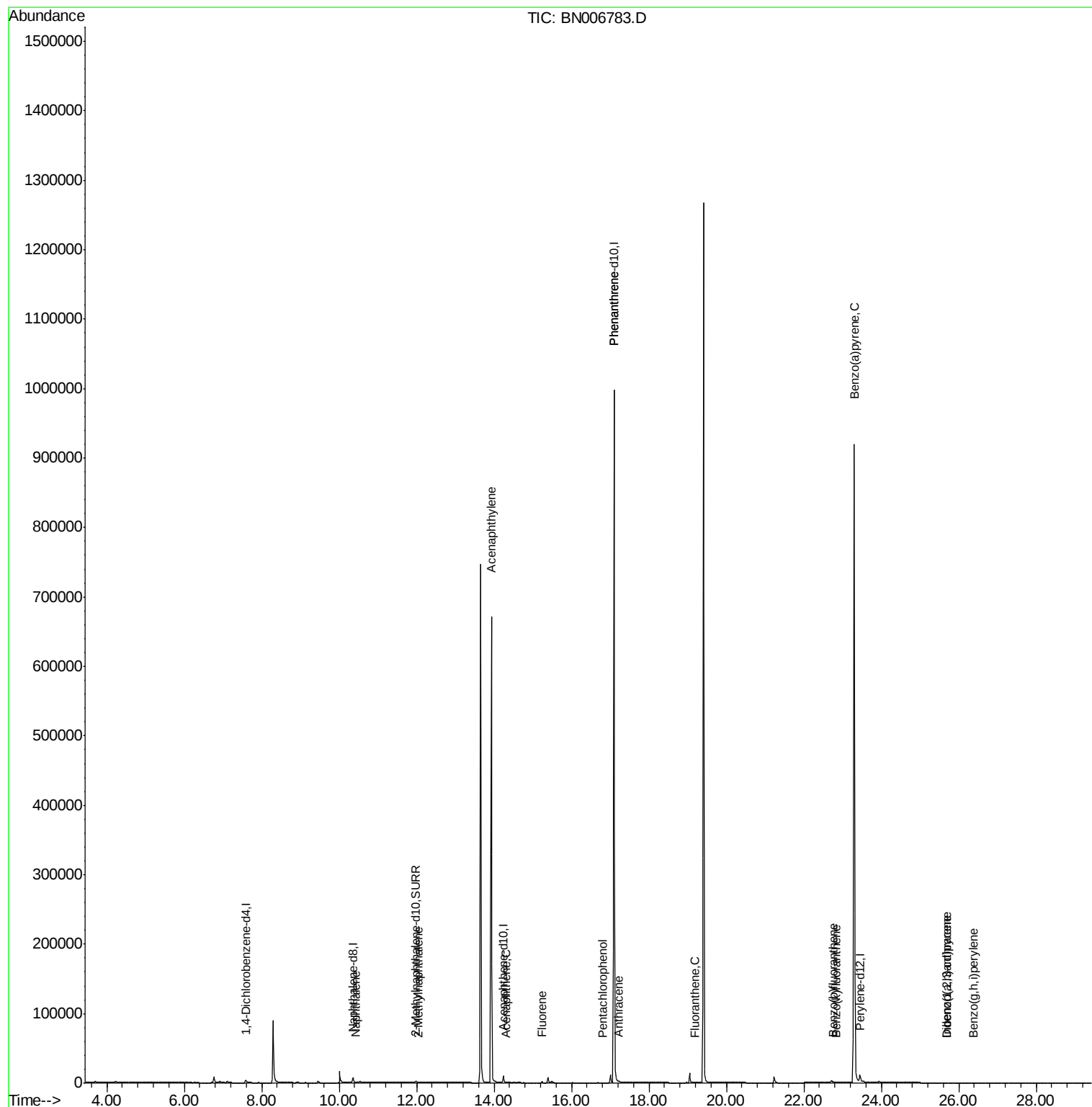
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.42	128	599	0.019	ng/ul#	1
5) 2-Methylnaphthalene	12.06	142	69	0.003	ng/ul	98
7) Acenaphthylene	13.92	152	99	0.003	ng/ul#	1
8) Acenaphthene	14.31	153	26	0.001	ng/ul#	69
9) Fluorene	15.24	166	1879	0.073	ng/ul#	15
11) Pentachlorophenol	16.81	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.09	178	515	0.000	ng/ul#	1
13) Anthracene	17.21	178	6	0.000	ng/ul#	1
15) Fluoranthene	19.19	202	9	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.76	252	45	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	31	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	4537	0.064	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.69	276	4	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.69	278	5	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.38	276	2	0.000	ng/ul#	1

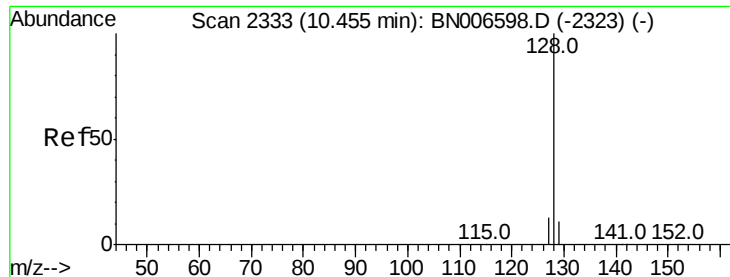
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 27 14:44:40 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.019 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.04 min

Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

Instrument :

BNA_N

ClientSampleId :

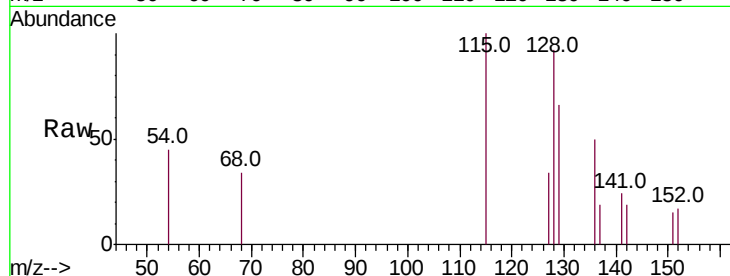
Tot Ion:128 Resp: 599

Ion Ratio Lower Upper

128 100

129 71.7 9.4 14.0#

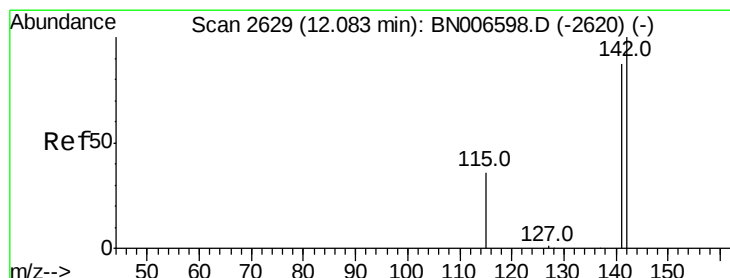
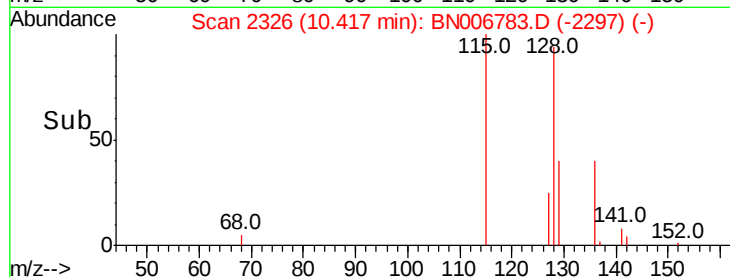
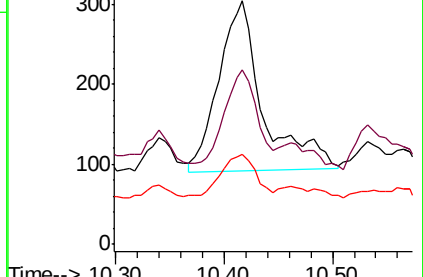
127 37.2 10.6 16.0#



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: 0.003 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.03 min

Lab File: BN006783.D

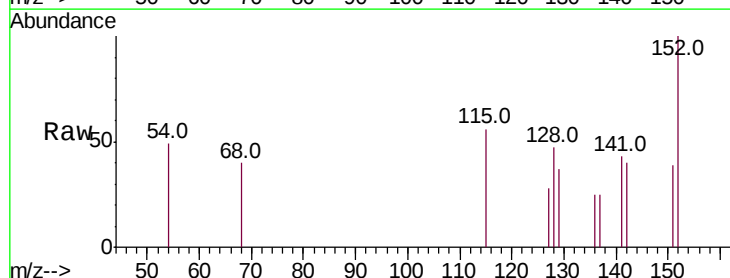
Acq: 10 Jul 2019 22:53

Tgt Ion:142 Resp: 69

Ion Ratio Lower Upper

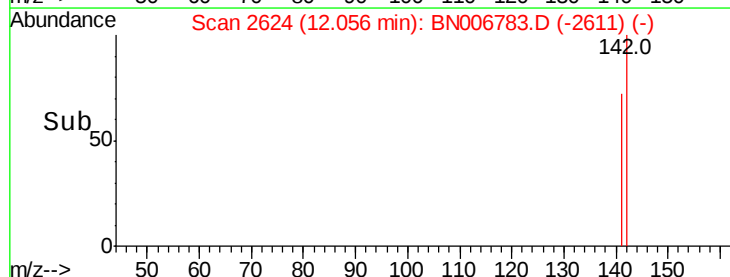
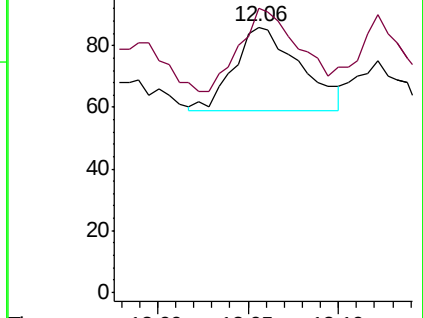
142 100

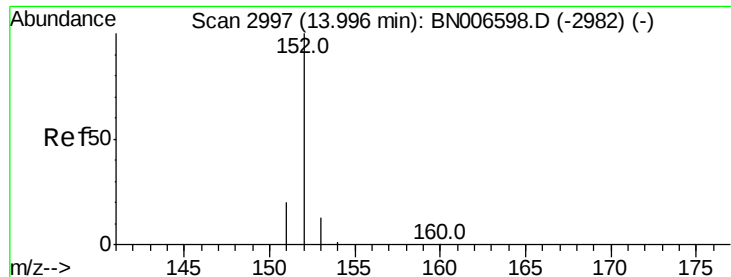
141 91.3 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.07 min

Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

Instrument :

BNA_N

ClientSampleId :

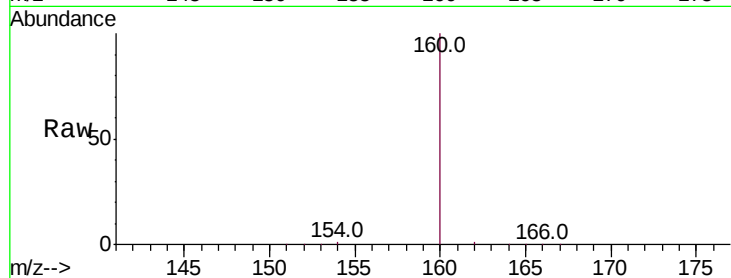
Tot Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

151 64.2 16.1 24.1#

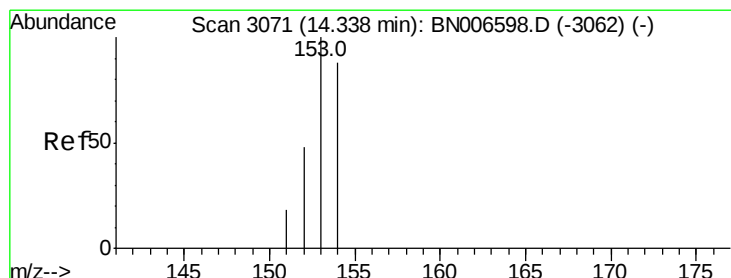
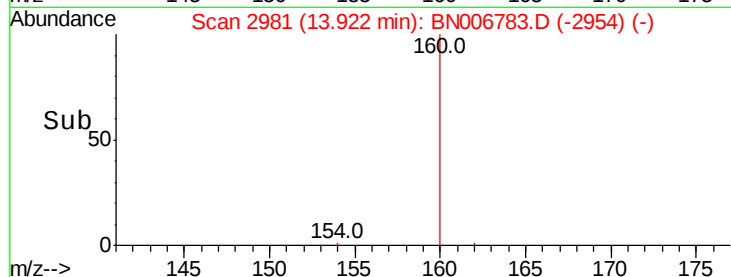
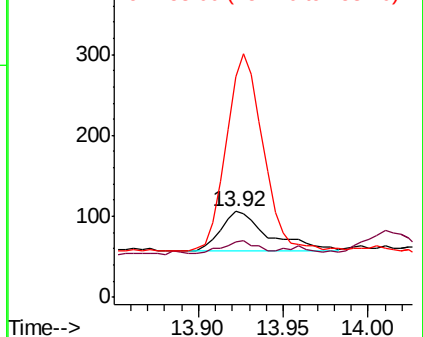
153 256.6 11.2 16.8#



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



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.03 min

Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

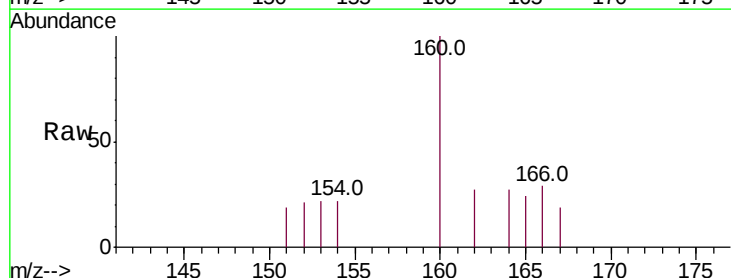
Tgt Ion:153 Resp: 26

Ion Ratio Lower Upper

153 100

152 94.1 39.3 58.9#

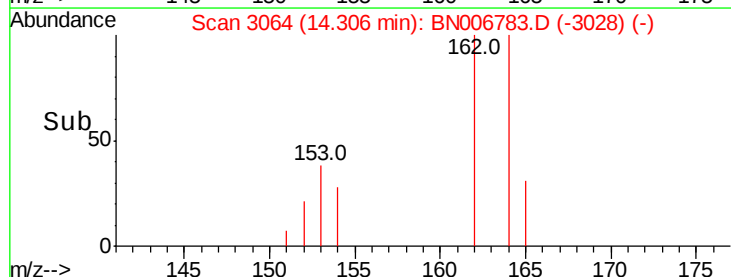
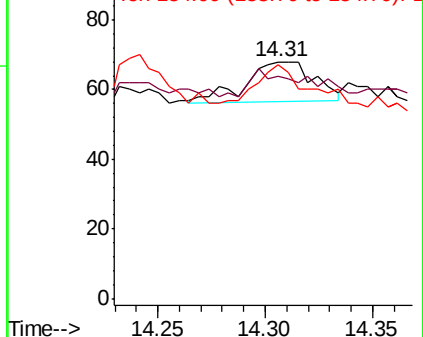
154 98.5 70.6 105.8

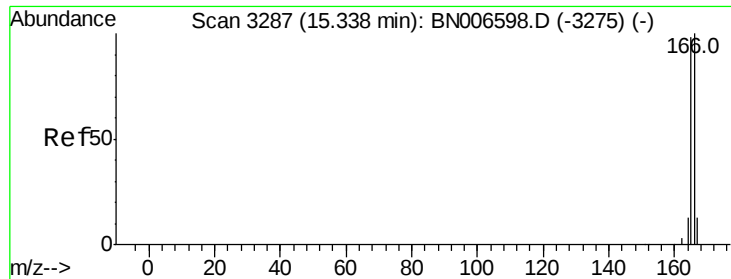


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

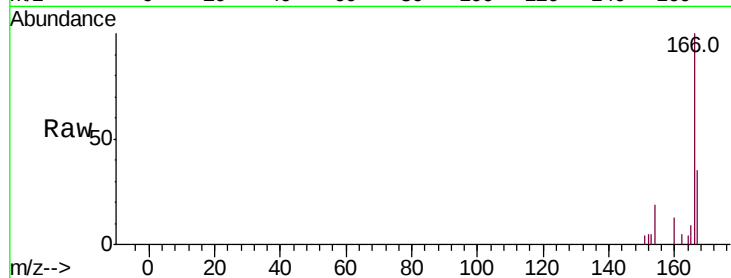




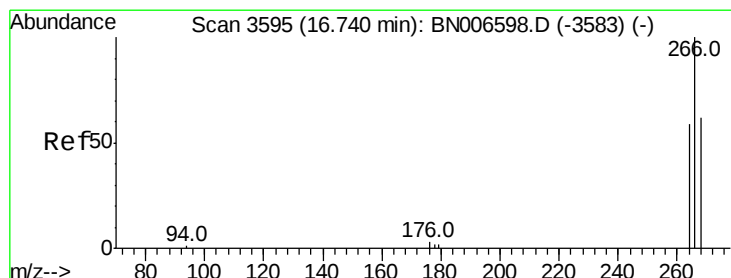
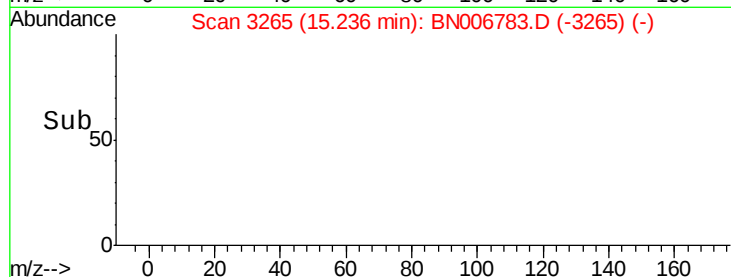
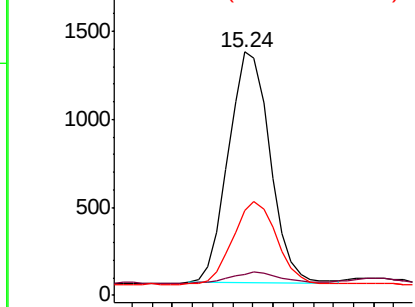
#9
Fluorene
 Concen: 0.073 ng/ul
 RT: 15.24 min Scan# 3265
 Delta R.T. -0.10 min
 Lab File: BN006783.D
 Acq: 10 Jul 2019 22:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 1879
 Ion Ratio Lower Upper
 166 100
 165 8.5 78.2 117.4#
 167 34.6 11.3 16.9#

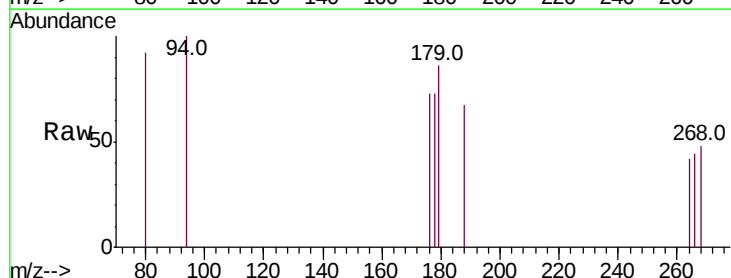


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

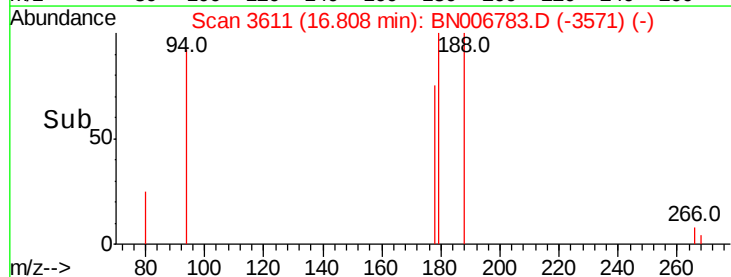
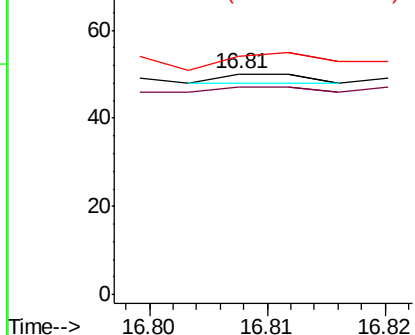


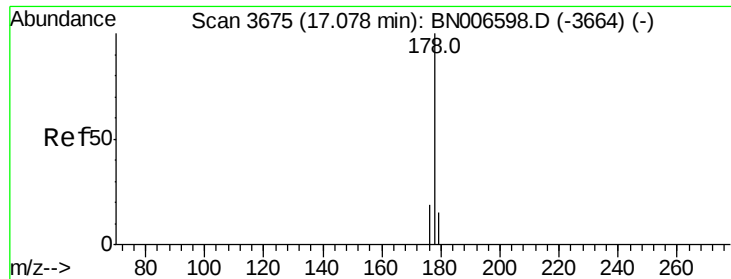
#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 16.81 min Scan# 3611
 Delta R.T. 0.07 min
 Lab File: BN006783.D
 Acq: 10 Jul 2019 22:53

Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 100.0 45.9 68.9#
 268 400.0 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: BN006783.D

Acq: 10 Jul 2019 22:53

Instrument :

BNA_N

ClientSampleId :

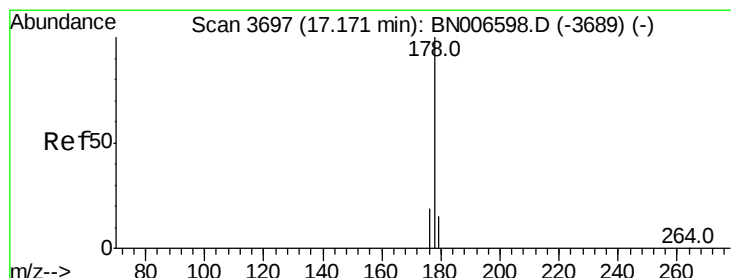
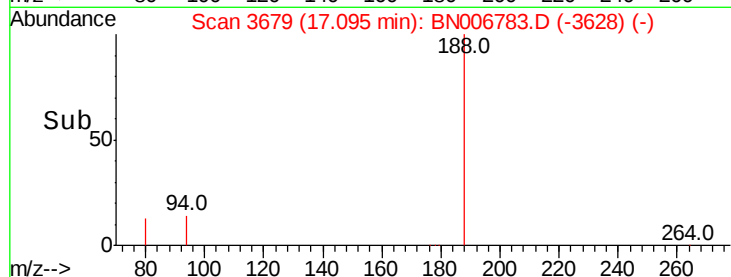
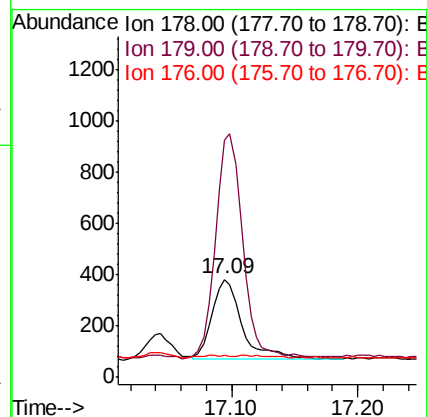
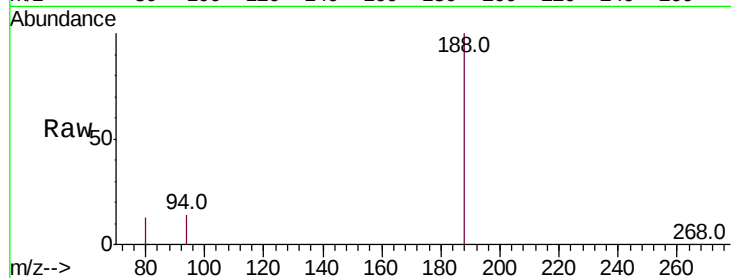
Tot Ion:178 Resp: 515

Ion Ratio Lower Upper

178 100

179 241.6 12.6 19.0#

176 22.5 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: BN006783.D

Acq: 10 Jul 2019 22:53

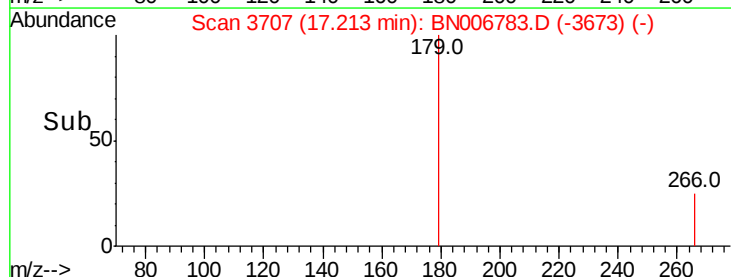
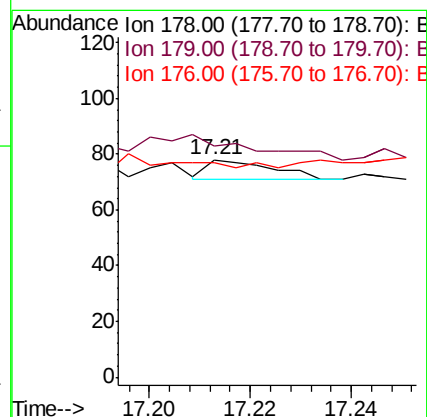
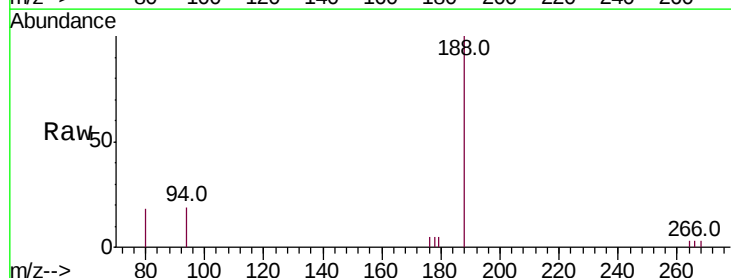
Tgt Ion:178 Resp: 6

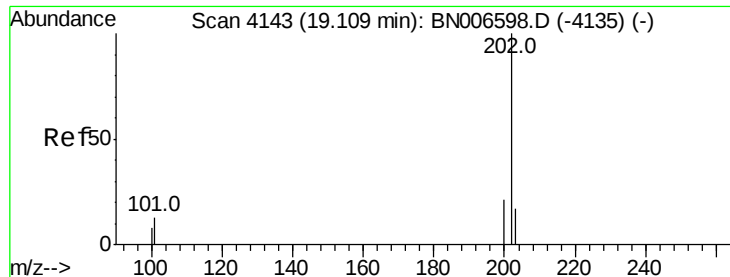
Ion Ratio Lower Upper

178 100

179 106.4 12.7 19.1#

176 98.7 15.8 23.6#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.19 min Scan# 4160

Delta R.T. 0.08 min

Lab File: BN006783.D

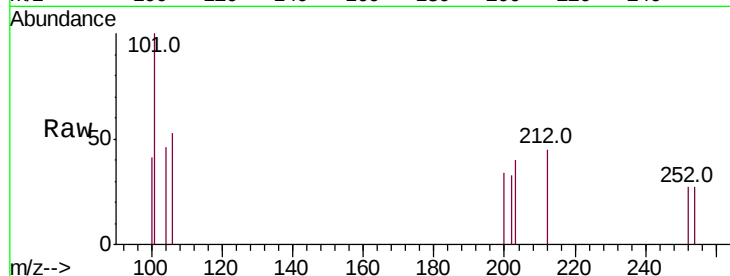
Acq: 10 Jul 2019 22:53

Instrument :

BNA_N

ClientSampleId :

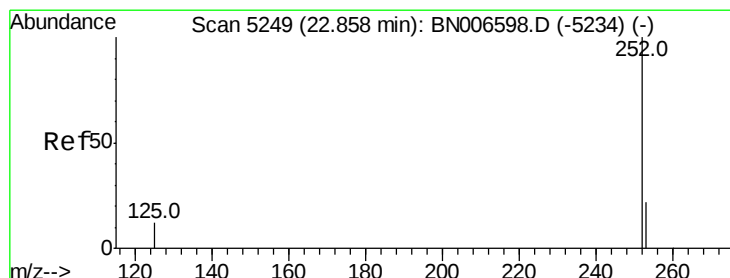
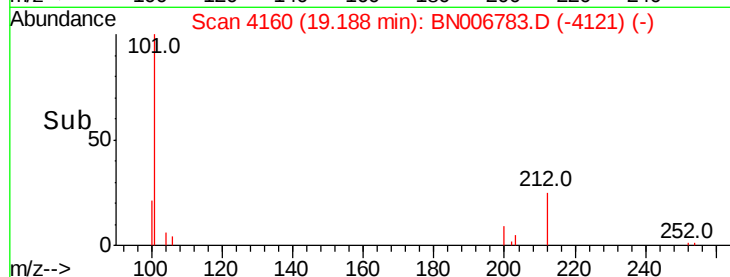
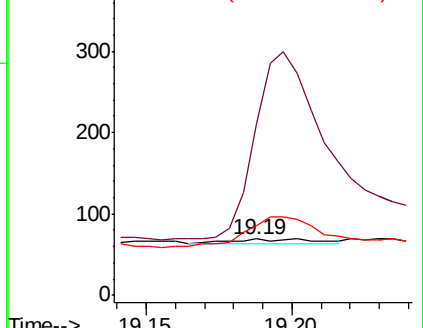
Tot Ion:	202	Resp:	9
Ion	Ratio	Lower	Upper
202	100		
101	302.9	0.0	33.2#
100	123.2	0.0	29.9#



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

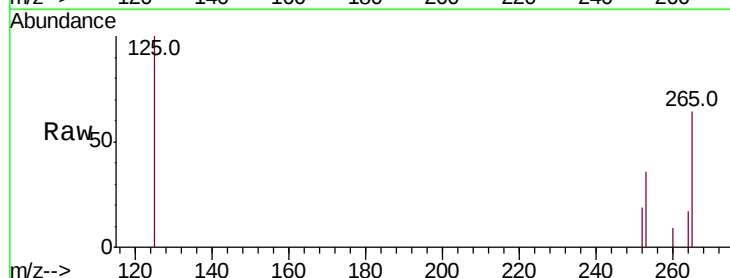
RT: 22.76 min Scan# 5214

Delta R.T. -0.10 min

Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

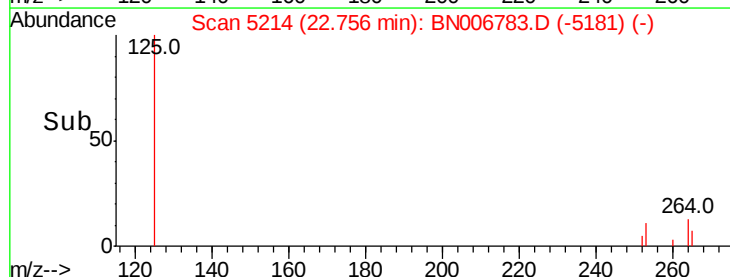
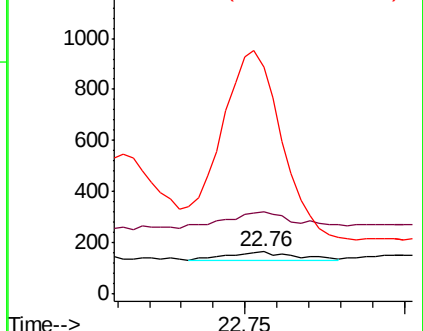
Tgt Ion:	252	Resp:	45
Ion	Ratio	Lower	Upper
252	100		
253	195.1	0.0	47.8#
125	539.6	0.0	29.2#

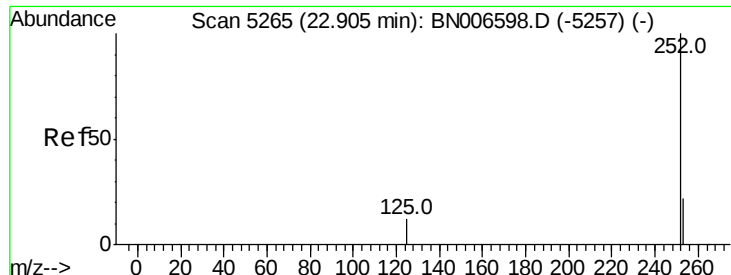


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. -0.07 min

Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

Instrument :

BNA_N

ClientSampleId :

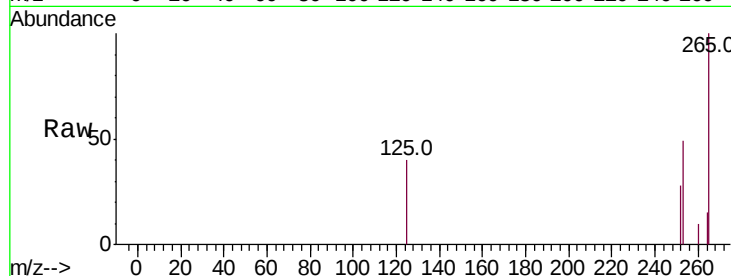
Tot Ion:252 Resp: 31

Ion Ratio Lower Upper

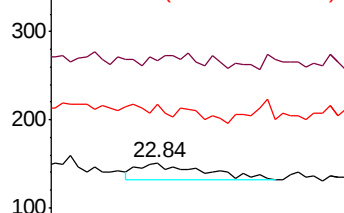
252 100

253 176.8 19.2 28.8#

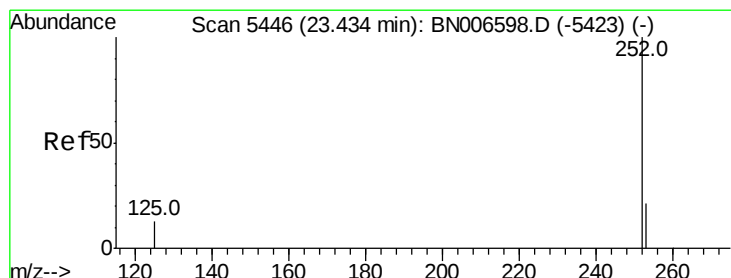
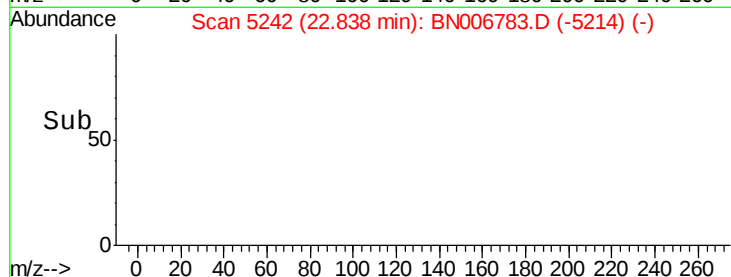
125 143.7 11.0 16.6#



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



#23

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 23.30 min Scan# 5399

Delta R.T. -0.14 min

Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

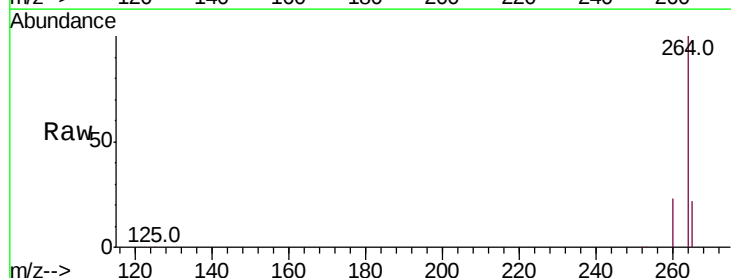
Tgt Ion:252 Resp: 4537

Ion Ratio Lower Upper

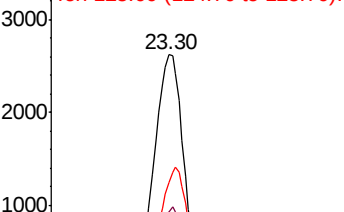
252 100

253 35.5 19.4 29.2#

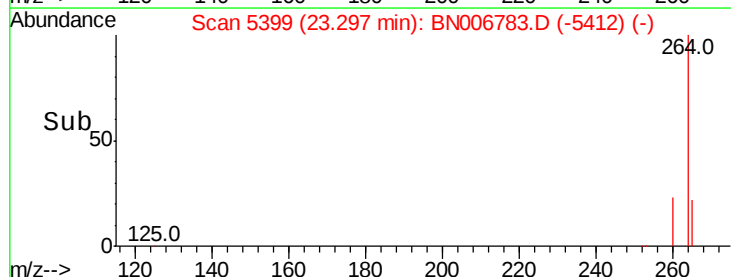
125 47.5 12.6 19.0#

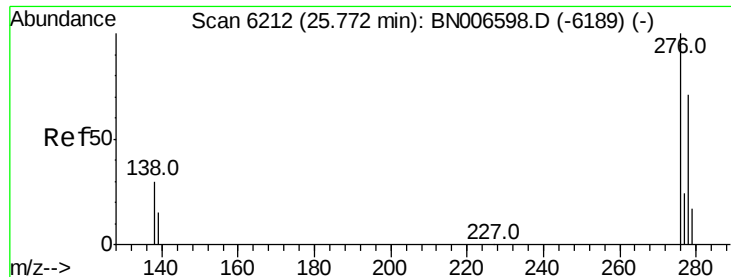


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.20 23.30 23.40



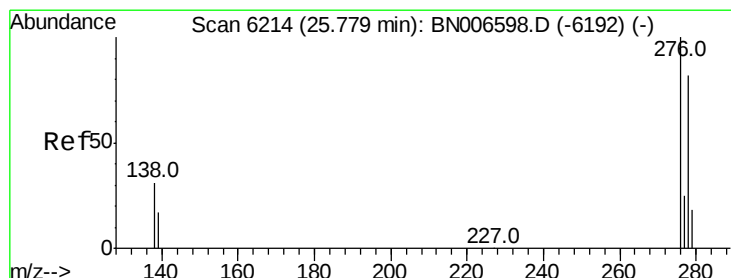
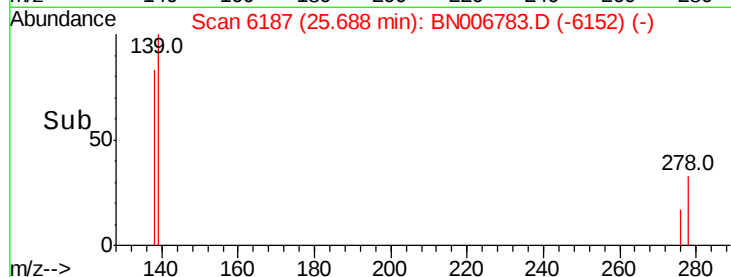
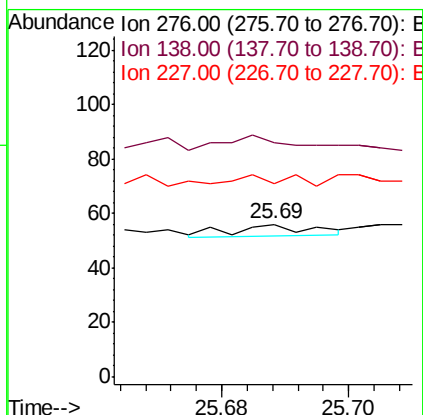
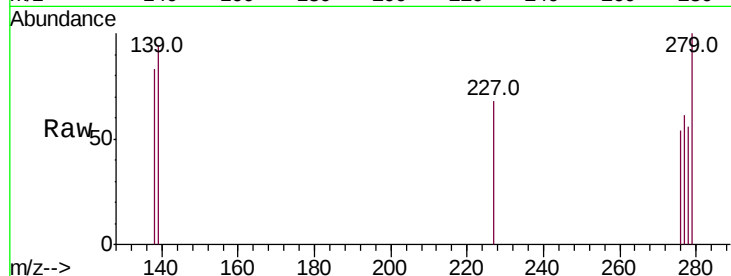


#24

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: BN006783.D
Acq: 10 Jul 2019 22:53

Instrument :
BNA_N
ClientSampleId :

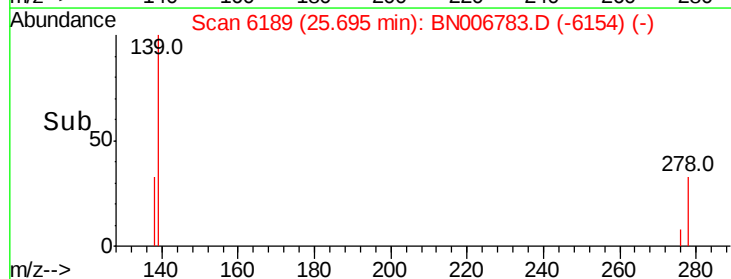
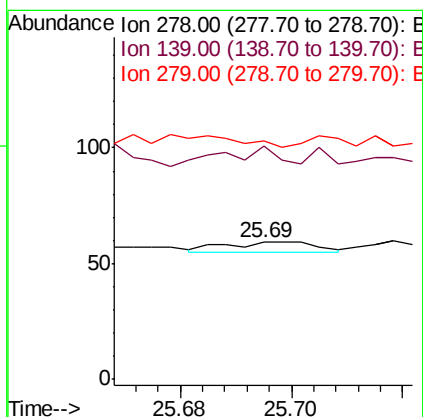
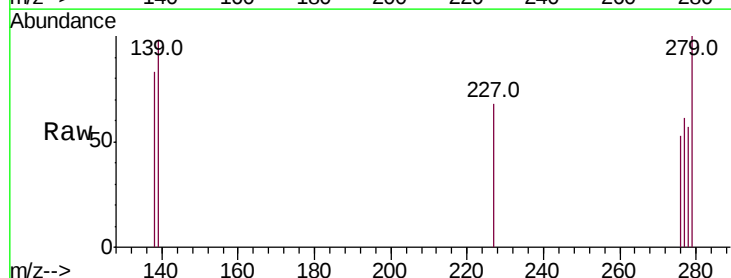
Tot Ion:276 Resp: 4
Ion Ratio Lower Upper
276 100
138 275.0 24.3 36.5#
227 50.0 0.2 0.4#

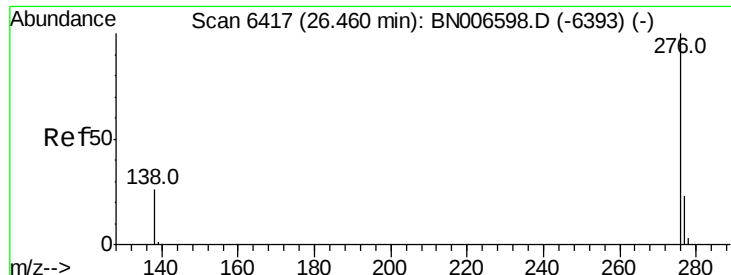


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.69 min Scan# 6189
Delta R.T. -0.08 min
Lab File: BN006783.D
Acq: 10 Jul 2019 22:53

Tgt Ion:278 Resp: 5
Ion Ratio Lower Upper
278 100
139 171.2 18.1 27.1#
279 174.6 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.38 min Scan# 6392

Delta R.T. -0.08 min

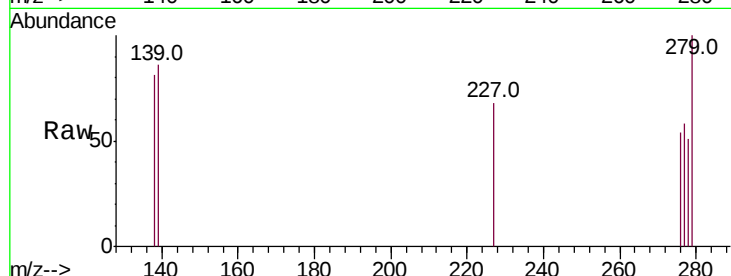
Lab File: BN006783.D

Acq: 10 Jul 2019 22:53

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 2

Ion Ratio Lower Upper

276 100

138 148.2 22.2 33.2#

277 107.1 19.5 29.3#

