

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006777.D
 Acq On : 10 Jul 2019 19:24
 Operator : HP/JU
 Sample : K3596-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:30 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

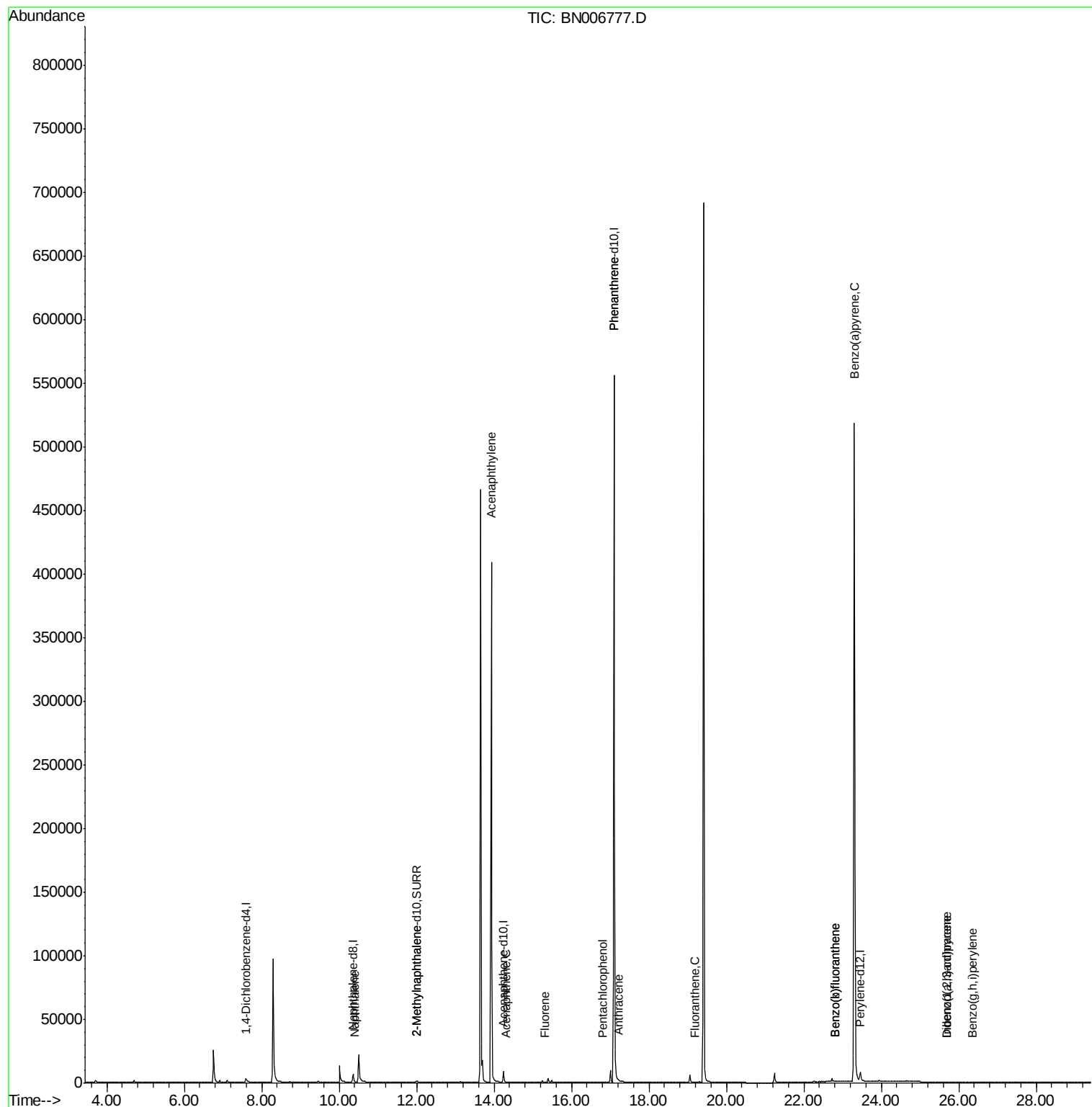
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2520	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9285	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4864	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	614786	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	14421	0.40	ng/ul	-0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2881	0.20	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.41	128	101	0.004	ng/ul#	1
5) 2-Methylnaphthalene	12.00	142	5	0.000	ng/ul#	47
7) Acenaphthylene	13.93	152	86	0.003	ng/ul#	1
8) Acenaphthene	14.31	153	42	0.002	ng/ul#	77
9) Fluorene	15.31	166	62	0.003	ng/ul#	81
11) Pentachlorophenol	16.81	266	3	0.000	ng/ul#	35
12) Phenanthrene	17.09	178	326	0.000	ng/ul#	1
13) Anthracene	17.22	178	5	0.000	ng/ul#	1
15) Fluoranthene	19.19	202	6	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.81	252	72	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.81	252	33	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	2596	0.045	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.68	276	1	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.69	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	2	0.000	ng/ul#	1

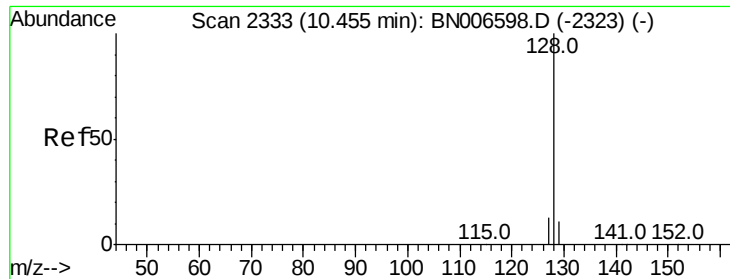
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 14:44:40 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.004 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.04 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

Instrument :

BNA_N

ClientSampleId :

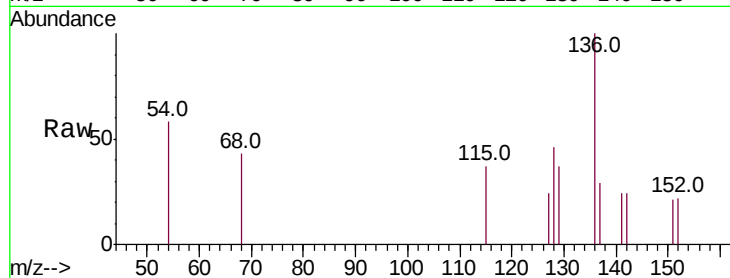
Tot Ion:128 Resp: 101

Ion Ratio Lower Upper

128 100

129 79.8 9.4 14.0#

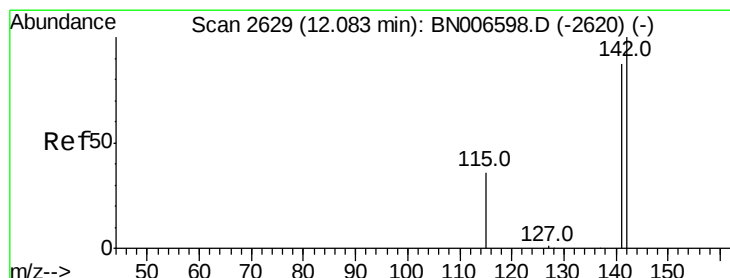
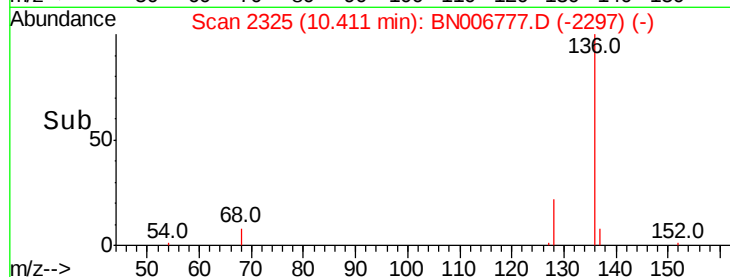
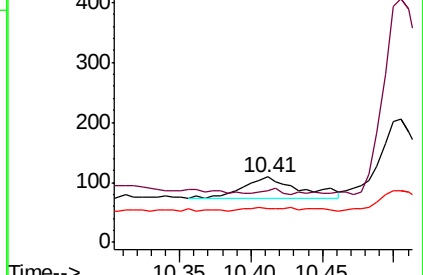
127 51.4 10.6 16.0#



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: 0.000 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. -0.09 min

Lab File: BN006777.D

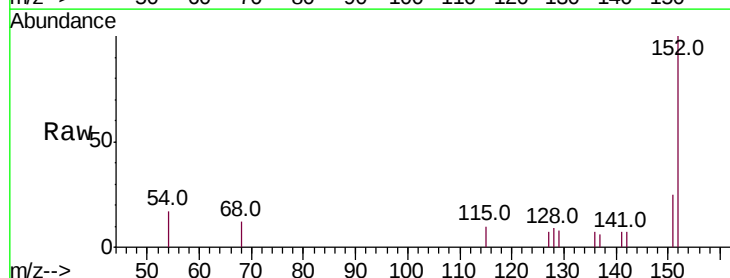
Acq: 10 Jul 2019 19:24

Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

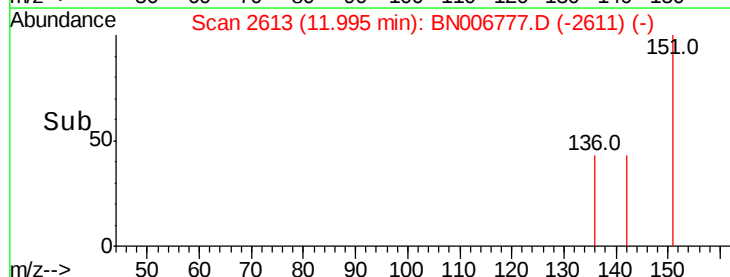
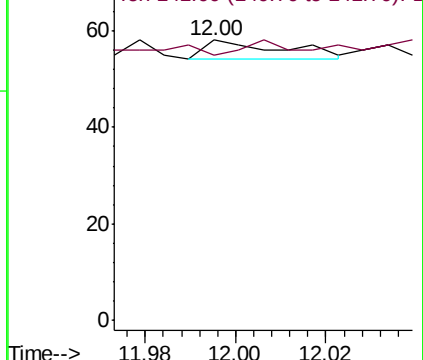
142 100

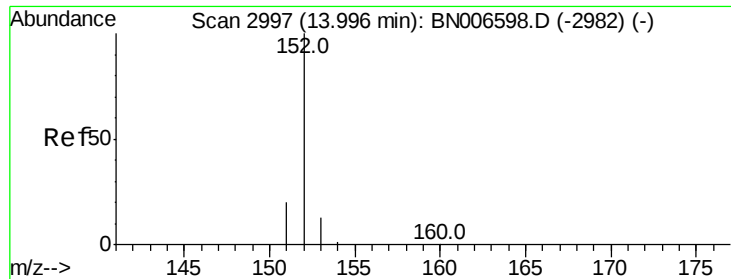
141 40.0 71.8 107.6#



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: 13.93 min Scan# 2982

Delta R.T. -0.07 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

Instrument :

BNA_N

ClientSampleId :

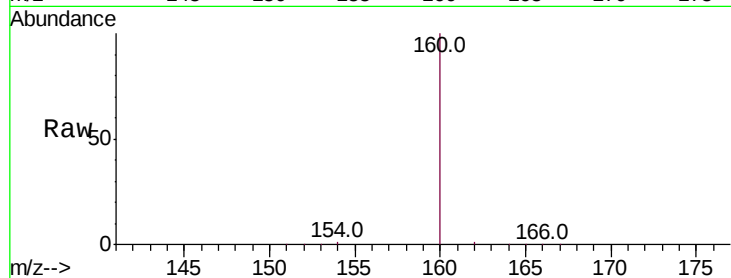
Tot Ion:152 Resp: 86

Ion Ratio Lower Upper

152 100

151 64.1 16.1 24.1#

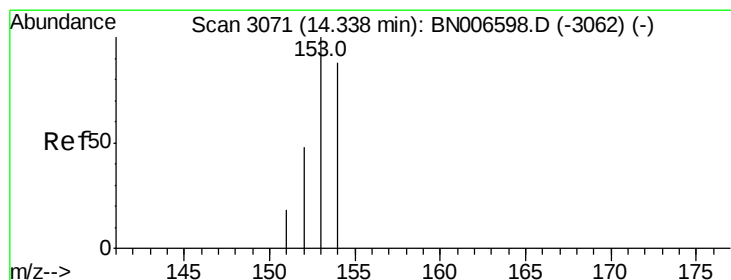
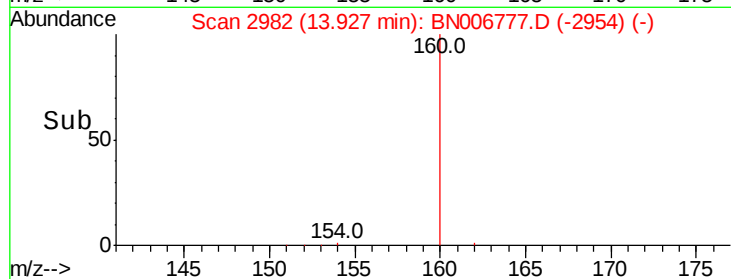
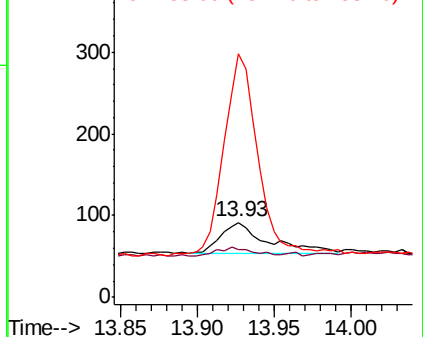
153 323.9 11.2 16.8#



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: 0.002 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.03 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

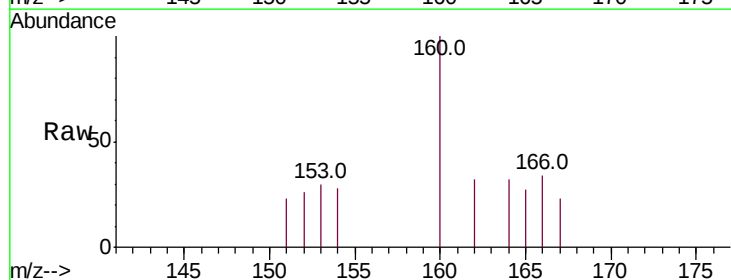
Tgt Ion:153 Resp: 42

Ion Ratio Lower Upper

153 100

152 86.8 39.3 58.9#

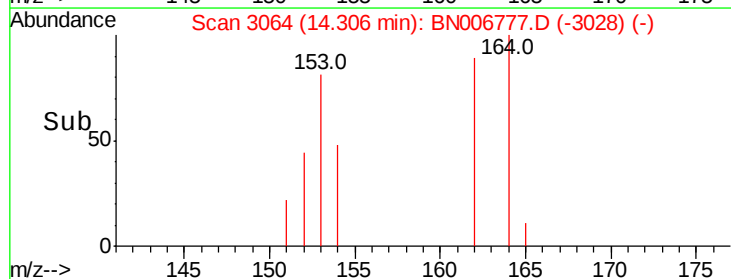
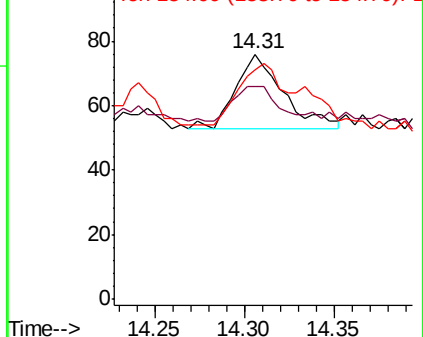
154 93.4 70.6 105.8

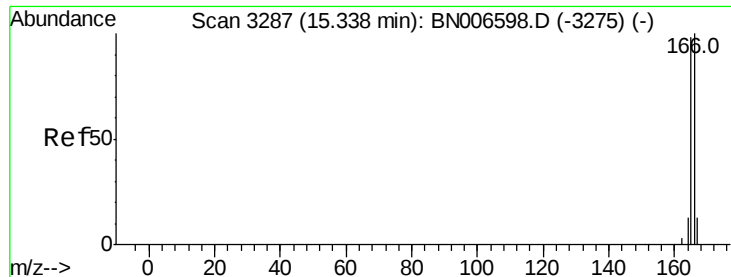


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

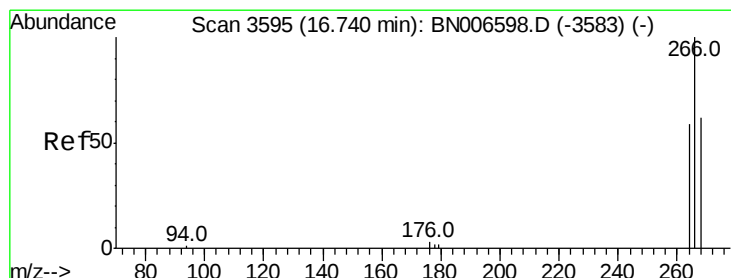
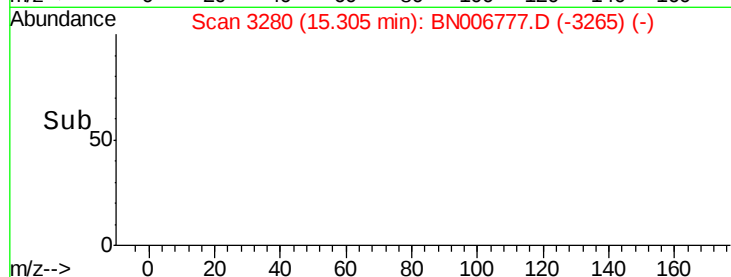
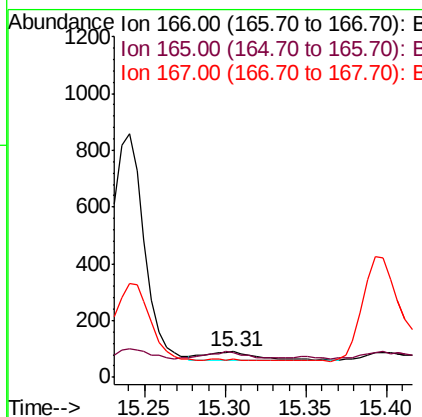
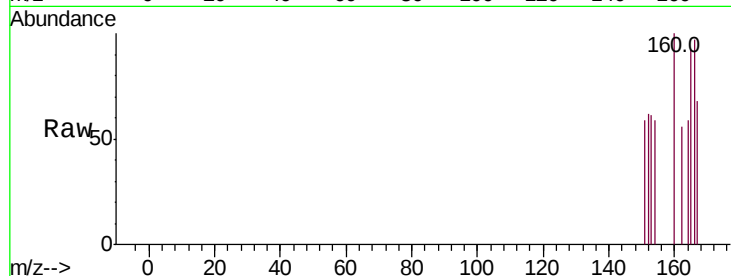




#9
Fluorene
 Concen: 0.003 ng/ul
 RT: 15.31 min Scan# 3280
 Delta R.T. -0.03 min
 Lab File: BN006777.D
 Acq: 10 Jul 2019 19:24

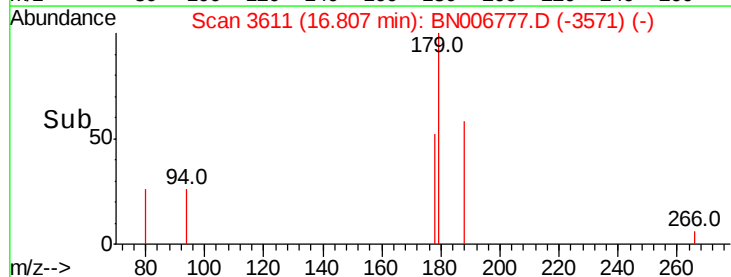
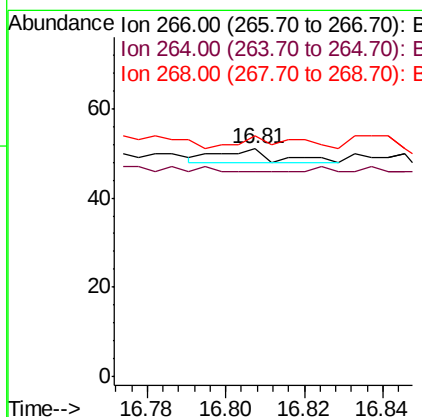
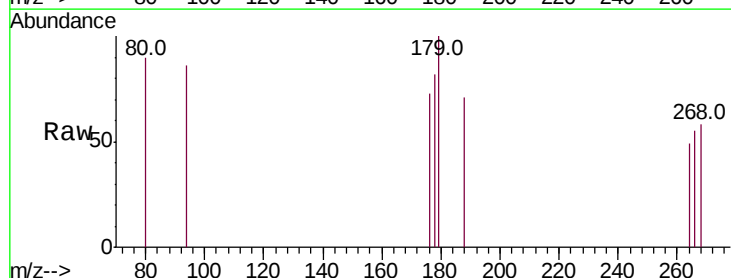
Instrument :
 BNA_N
 ClientSampled :

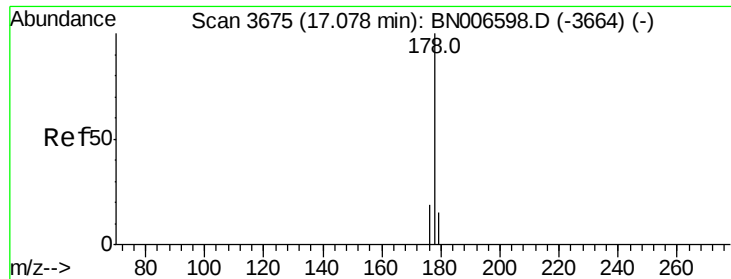
Tot Ion:166 Resp: 62
 Ion Ratio Lower Upper
 166 100
 165 95.6 78.2 117.4
 167 70.0 11.3 16.9#



#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 16.81 min Scan# 3611
 Delta R.T. 0.07 min
 Lab File: BN006777.D
 Acq: 10 Jul 2019 19:24

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 45.9 68.9#
 268 100.0 48.1 72.1#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

Instrument :

BNA_N

ClientSampled :

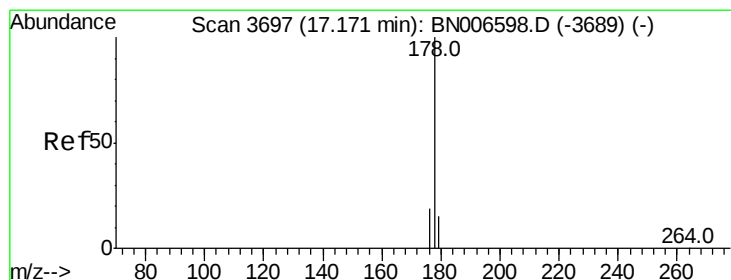
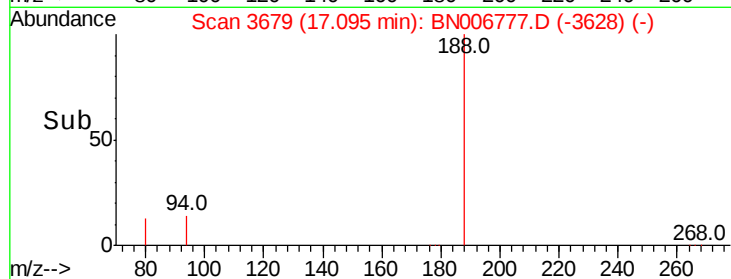
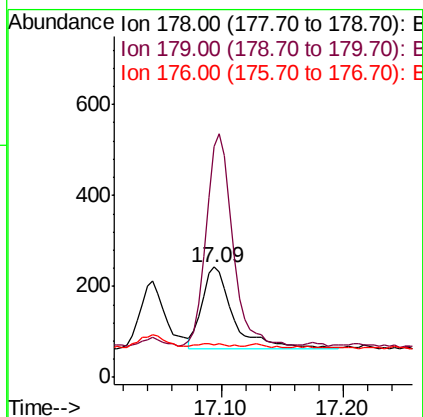
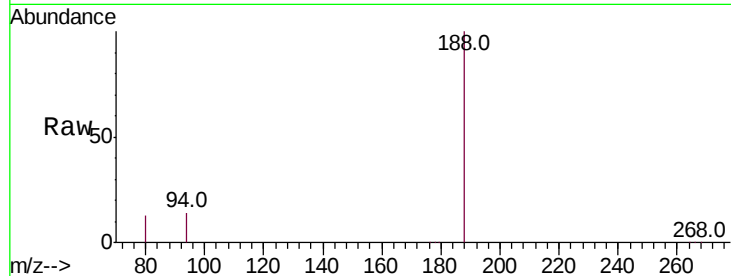
Tot Ion:178 Resp: 326

Ion Ratio Lower Upper

178 100

179 209.9 12.6 19.0#

176 29.3 15.8 23.8#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.22 min Scan# 3708

Delta R.T. 0.05 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

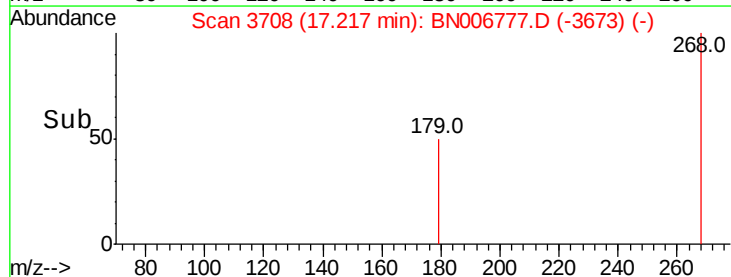
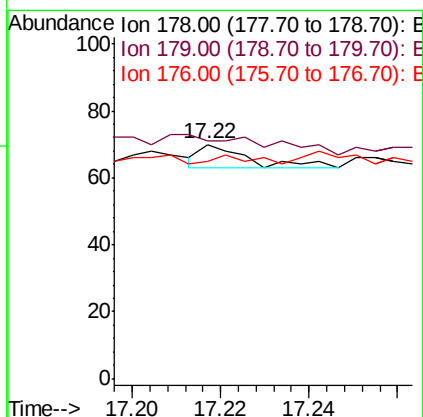
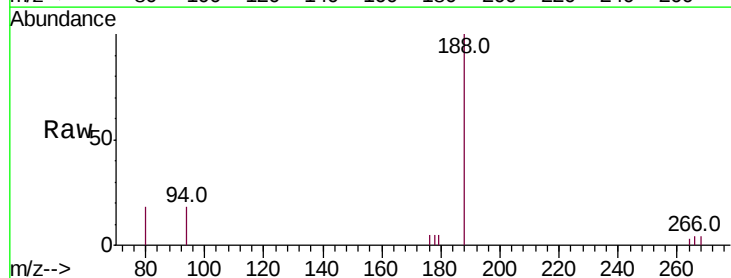
Tgt Ion:178 Resp: 5

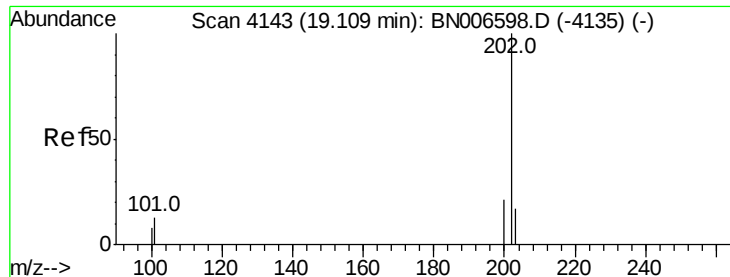
Ion Ratio Lower Upper

178 100

179 101.4 12.7 19.1#

176 92.9 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: BN006777.D

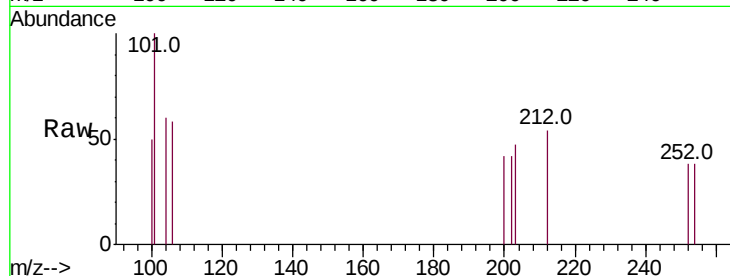
Acq: 10 Jul 2019 19:24

Instrument :

BNA_N

ClientSampled :

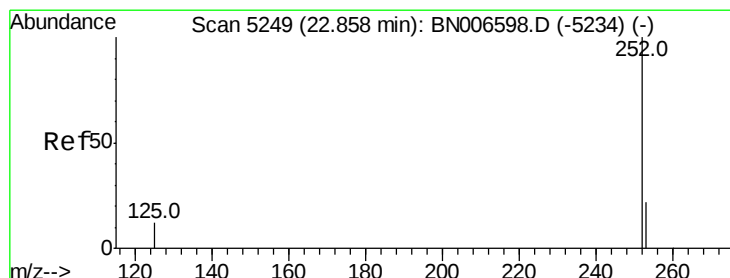
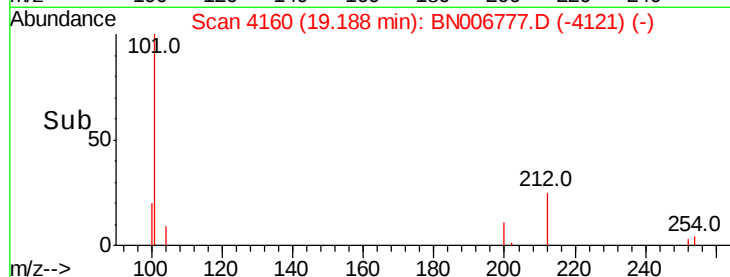
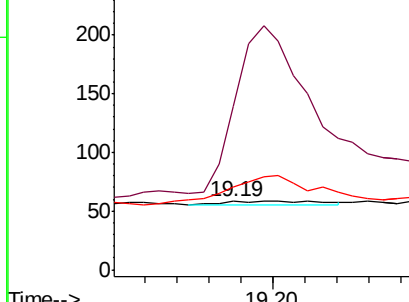
Tot Ion:	202	Resp:	6
Ion	Ratio	Lower	Upper
202	100		
101	239.7	0.0	33.2#
100	120.7	0.0	29.9#



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

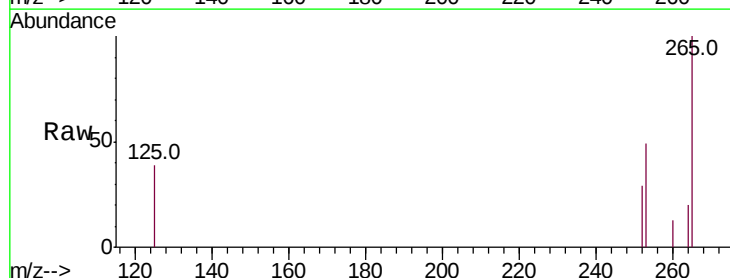
RT: 22.81 min Scan# 5232

Delta R.T. -0.05 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

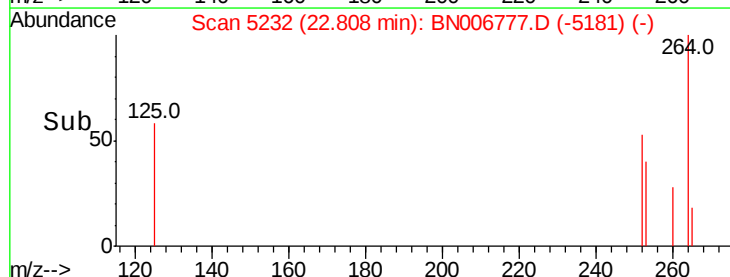
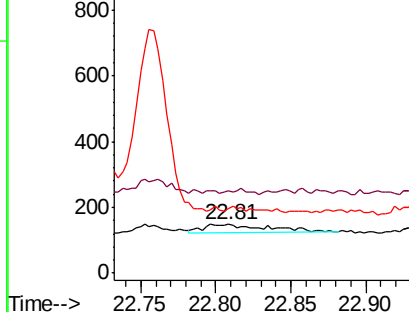
Tgt Ion:	252	Resp:	72
Ion	Ratio	Lower	Upper
252	100		
253	167.1	0.0	47.8#
125	132.9	0.0	29.2#

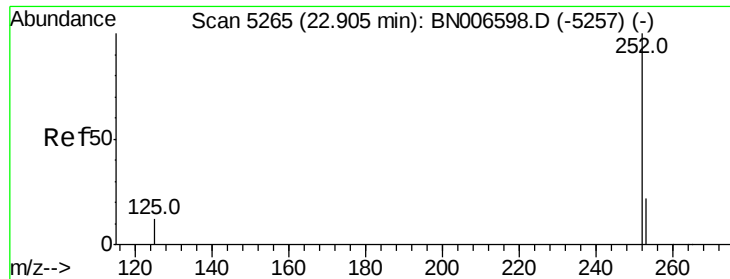


Abundance Ion 252.00 (251.70 to 252.70): E

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: 22.81 min Scan# 5232

Delta R.T. -0.10 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

Instrument :

BNA_N

ClientSampleId :

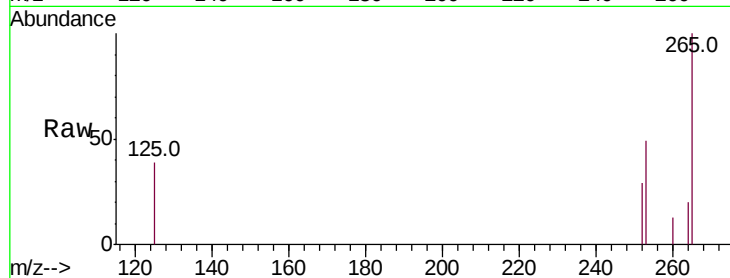
Tot Ion:252 Resp: 33

Ion Ratio Lower Upper

252 100

253 167.1 19.2 28.8#

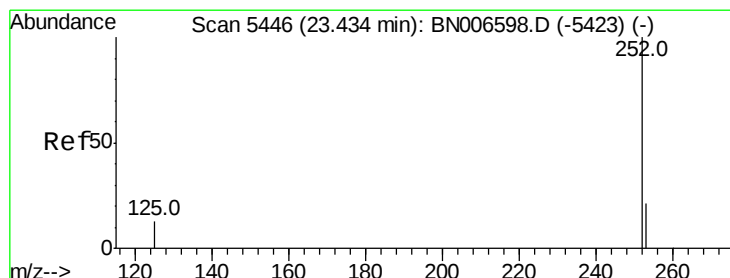
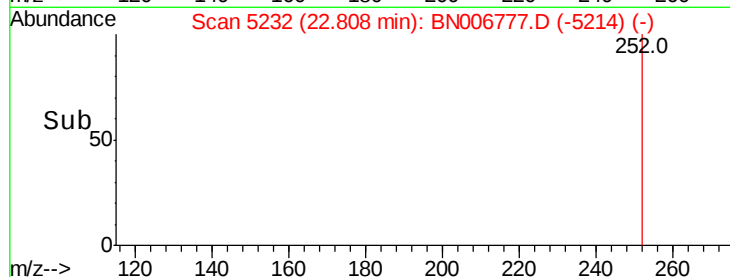
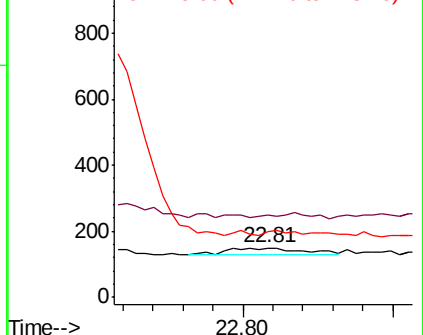
125 132.9 11.0 16.6#



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



#23

Benzo(a)pyrene

Concen: 0.045 ng/ul

RT: 23.30 min Scan# 5400

Delta R.T. -0.13 min

Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

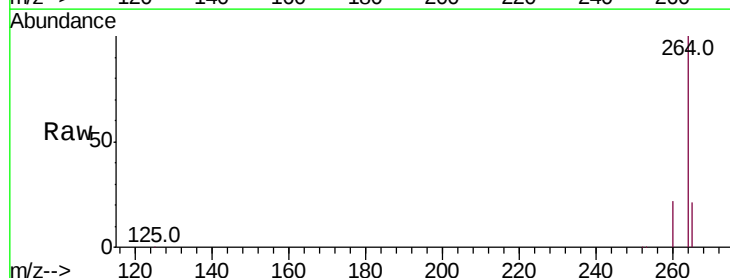
Tgt Ion:252 Resp: 2596

Ion Ratio Lower Upper

252 100

253 42.1 19.4 29.2#

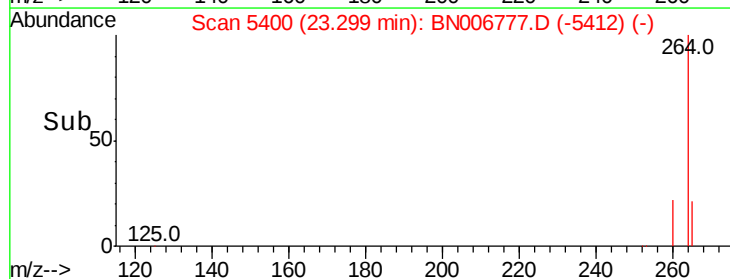
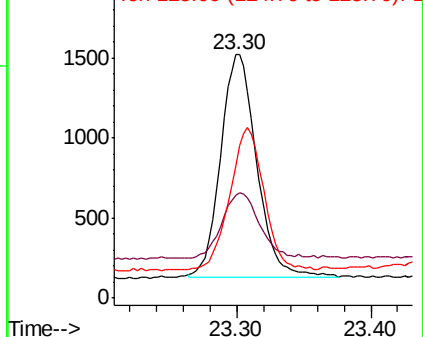
125 54.3 12.6 19.0#

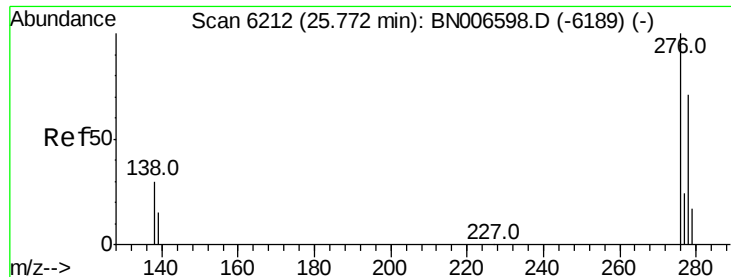


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



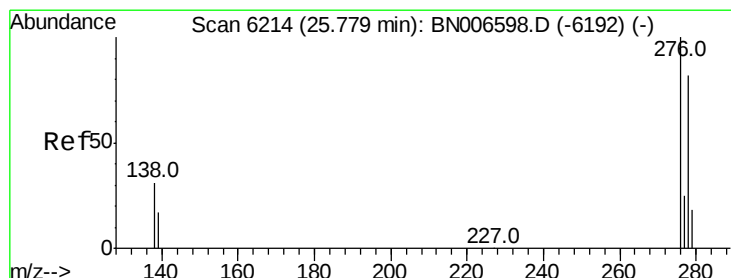
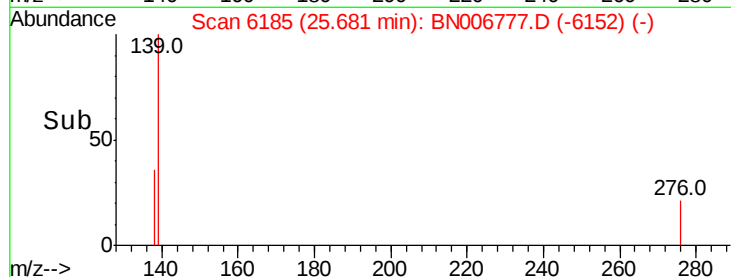
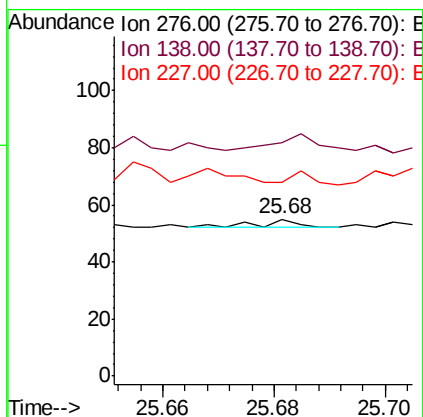
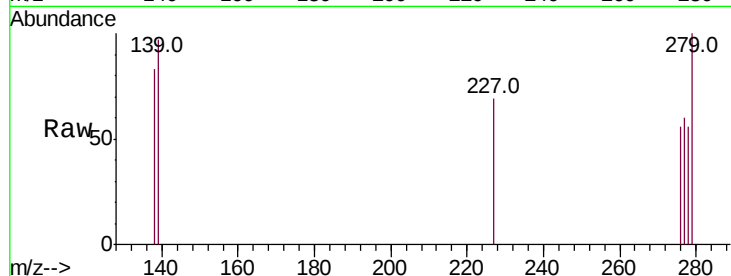


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/uL
RT: 25.68 min Scan# 6185
Delta R.T. -0.09 min
Lab File: BN006777.D
Acq: 10 Jul 2019 19:24

Instrument :
BNA_N
ClientSampleId :

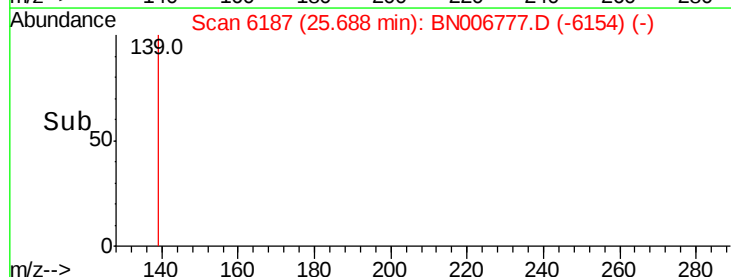
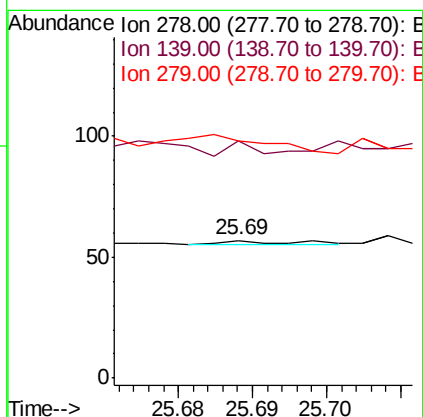
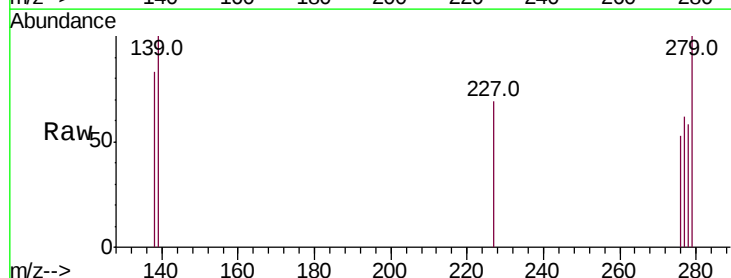
Tot Ion: 276 Resp: 1
Ion Ratio Lower Upper
276 100
138 600.0 24.3 36.5#
227 100.0 0.2 0.4#

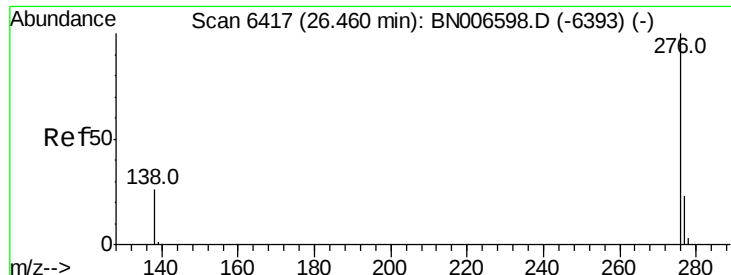


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/uL
RT: 25.69 min Scan# 6187
Delta R.T. -0.09 min
Lab File: BN006777.D
Acq: 10 Jul 2019 19:24

Tgt Ion: 278 Resp: 2
Ion Ratio Lower Upper
278 100
139 171.9 18.1 27.1#
279 171.9 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. -0.10 min

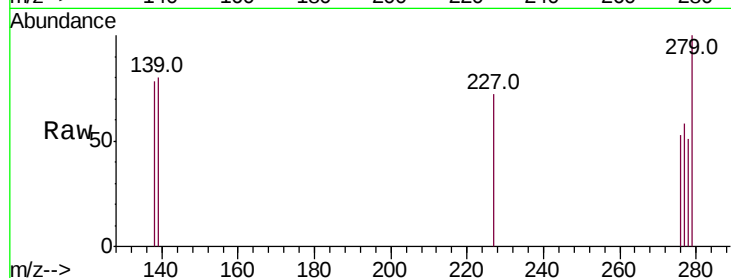
Lab File: BN006777.D

Acq: 10 Jul 2019 19:24

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	146.3	22.2	33.2#
277	109.3	19.5	29.3#

