

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006785.D
 Acq On : 11 Jul 2019 00:03
 Operator : HP/JU
 Sample : K3596-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:01:20 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

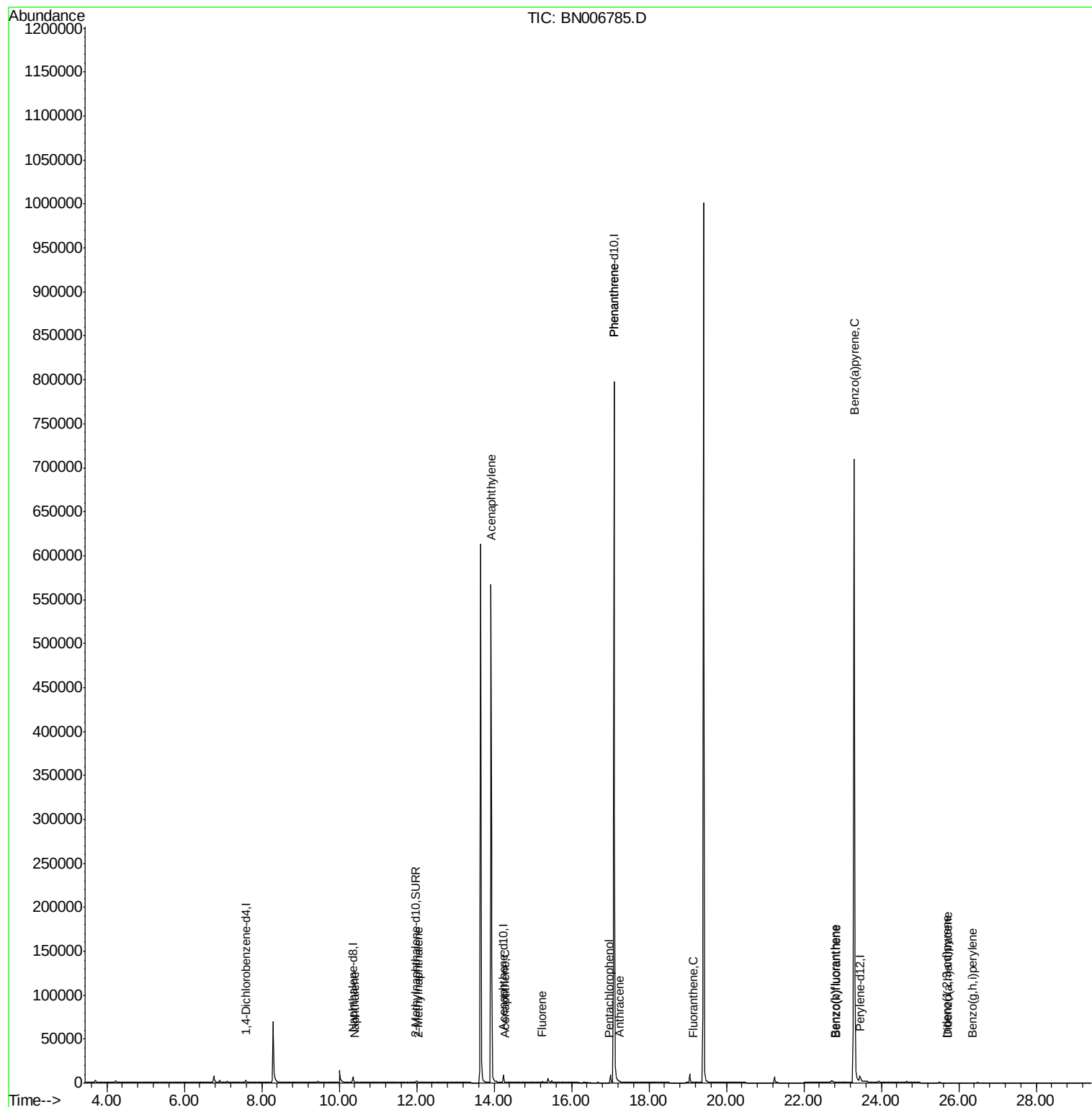
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2497	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	8985	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4922	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	866701	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	14093	0.40	ng/ul	-0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4498	0.33	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.41	128	146	0.006	ng/ul#	1
5) 2-Methylnaphthalene	12.06	142	31	0.002	ng/ul	90
7) Acenaphthylene	13.93	152	99	0.004	ng/ul#	1
8) Acenaphthene	14.30	153	25	0.001	ng/ul#	69
9) Fluorene	15.24	166	1588	0.074	ng/ul#	15
11) Pentachlorophenol	16.96	266	3	0.000	ng/ul	89
12) Phenanthrene	17.09	178	408	0.000	ng/ul#	1
13) Anthracene	17.23	178	3	0.000	ng/ul#	1
15) Fluoranthene	19.15	202	4	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.79	252	62	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	38	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	3468	0.061	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.68	276	1	0.000	ng/ul#	42
25) Dibenzo(a,h)anthracene	25.70	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	3	0.000	ng/ul#	1

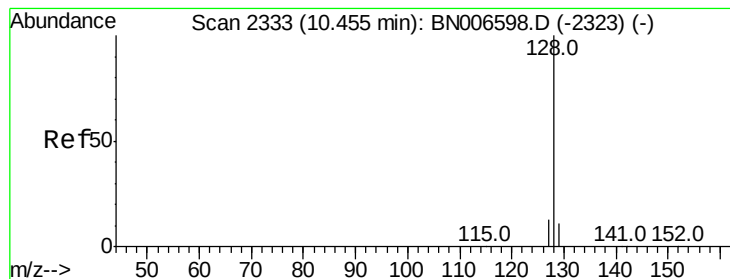
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.006 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.05 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

Instrument :

BNA_N

ClientSampled :

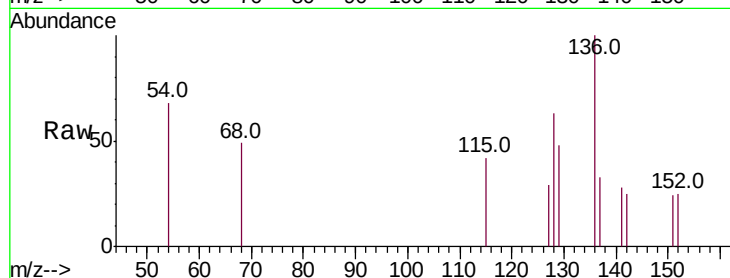
Tot Ion:128 Resp: 146

Ion Ratio Lower Upper

128 100

129 77.1 9.4 14.0#

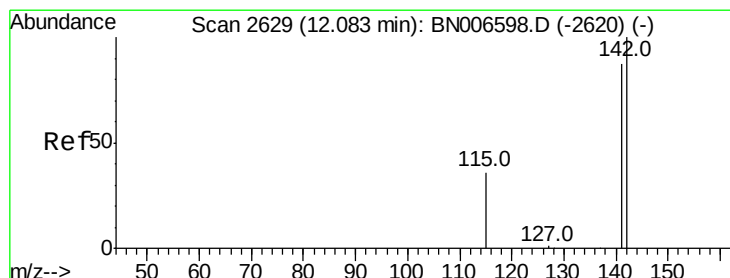
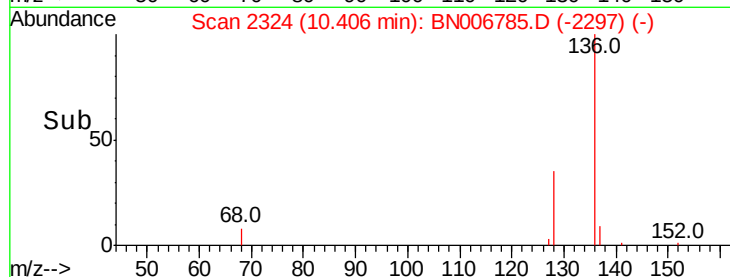
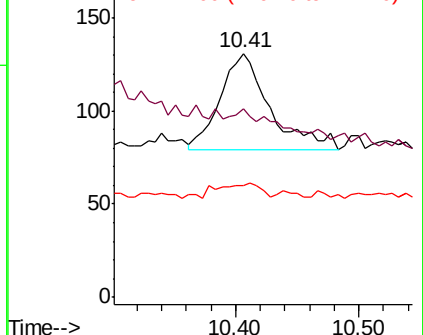
127 45.8 10.6 16.0#



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: 0.002 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.02 min

Lab File: BN006785.D

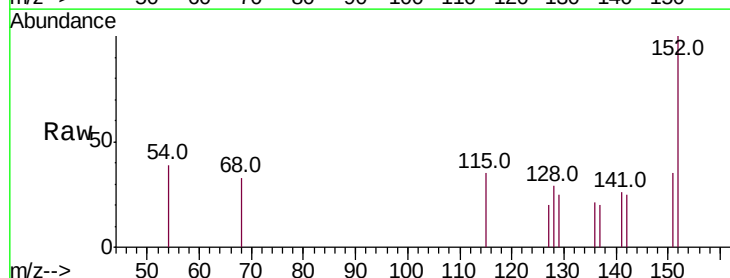
Acq: 11 Jul 2019 00:03

Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

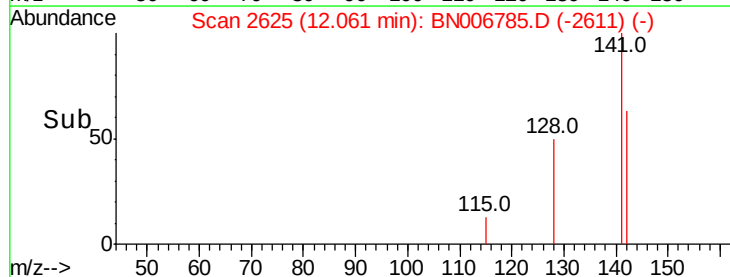
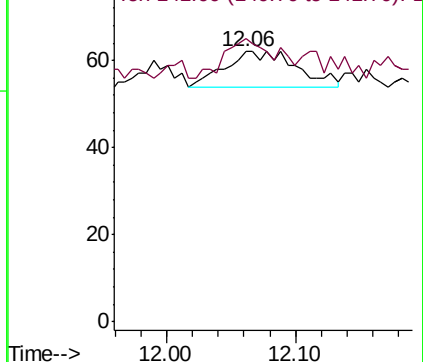
142 100

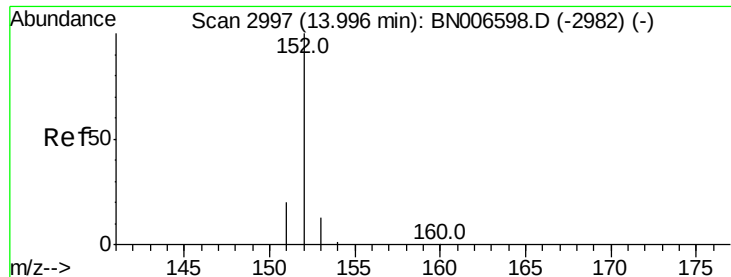
141 80.6 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.07 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

Instrument :

BNA_N

ClientSampleId :

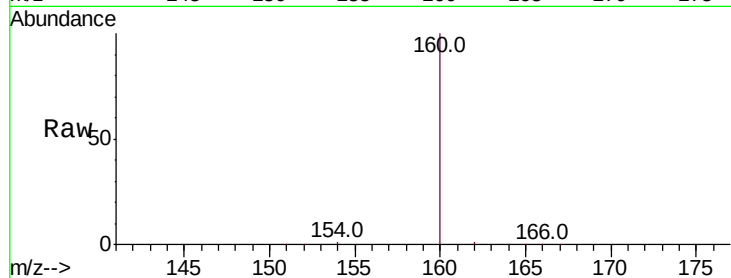
Tot Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

151 64.9 16.1 24.1#

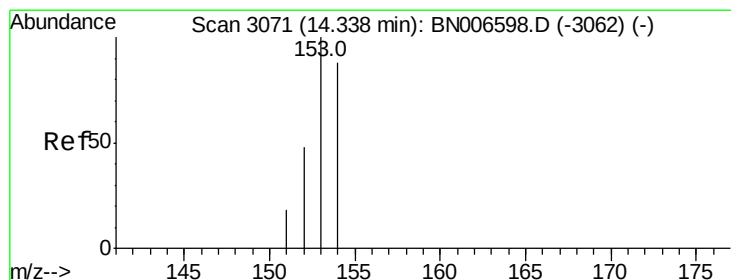
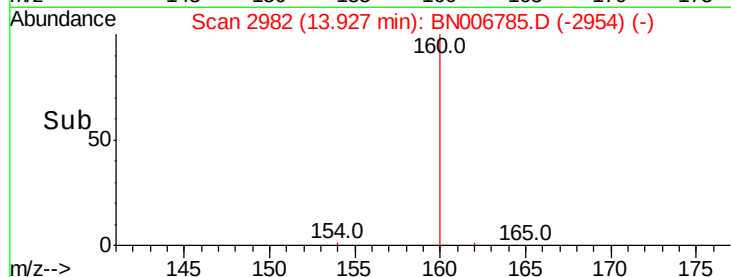
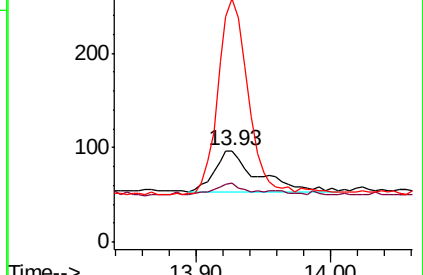
153 266.0 11.2 16.8#



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: 14.30 min Scan# 3063

Delta R.T. -0.04 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

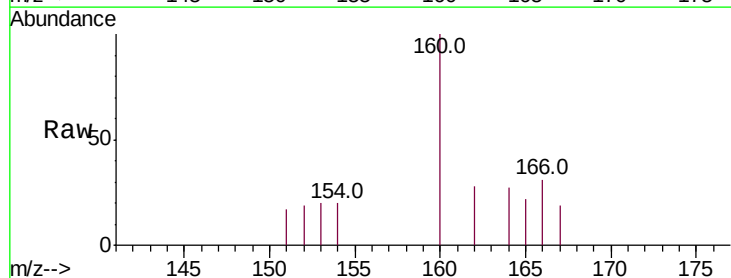
Tgt Ion:153 Resp: 25

Ion Ratio Lower Upper

153 100

152 95.2 39.3 58.9#

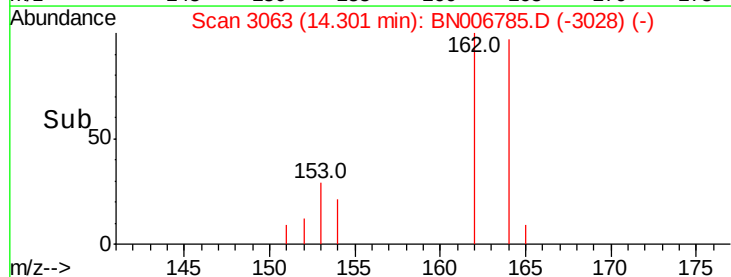
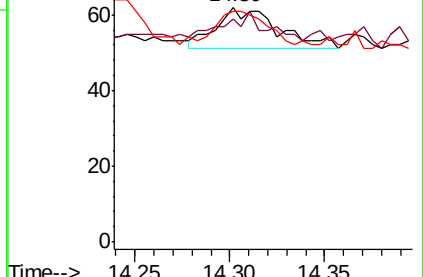
154 98.4 70.6 105.8

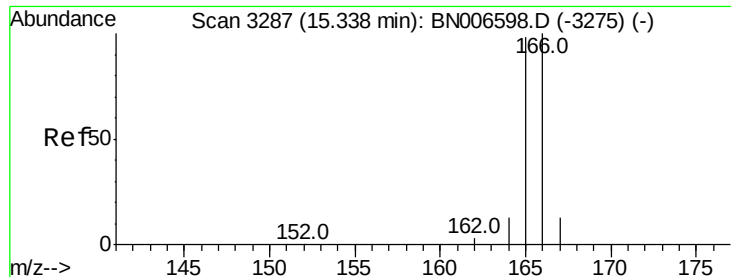


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. -0.10 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

Instrument :

BNA_N

ClientSampleId :

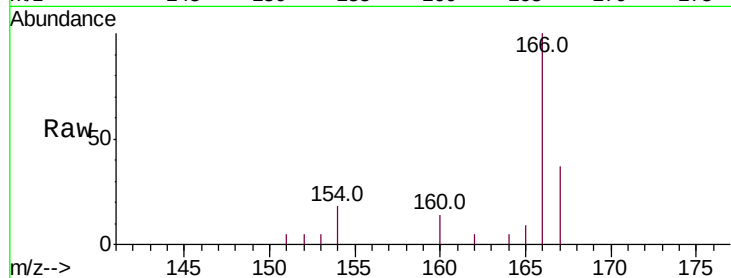
Tot Ion:166 Resp: 1588

Ion Ratio Lower Upper

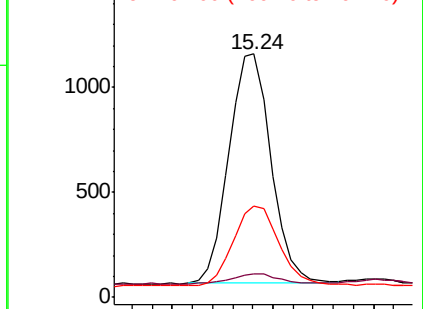
166 100

165 9.5 78.2 117.4#

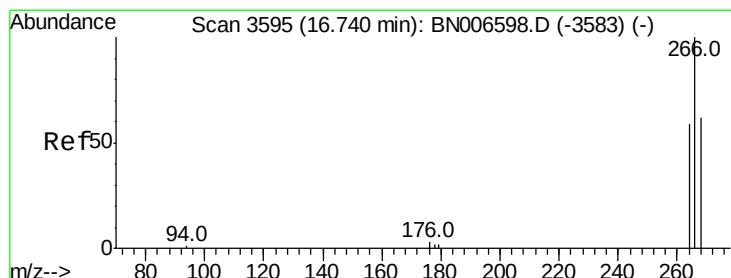
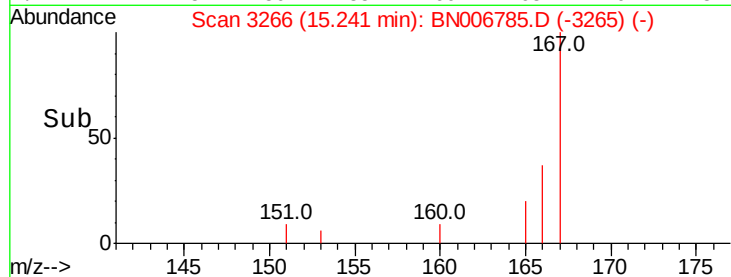
167 37.2 11.3 16.9#



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



Time-->



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.96 min Scan# 3648

Delta R.T. 0.22 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

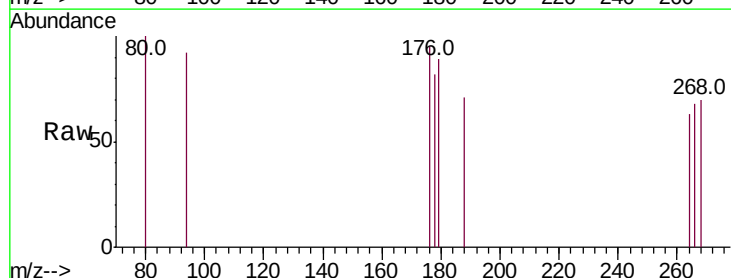
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

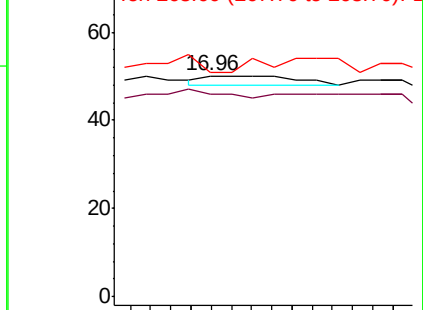
266 100

264 66.7 45.9 68.9

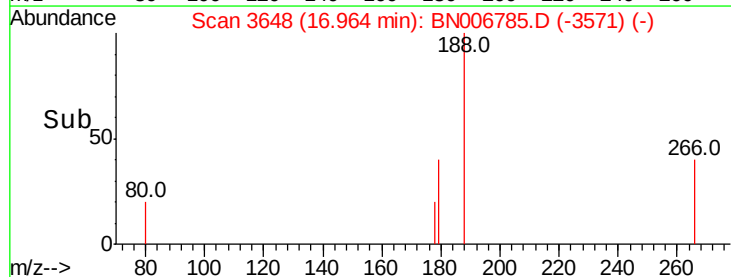
268 66.7 48.1 72.1

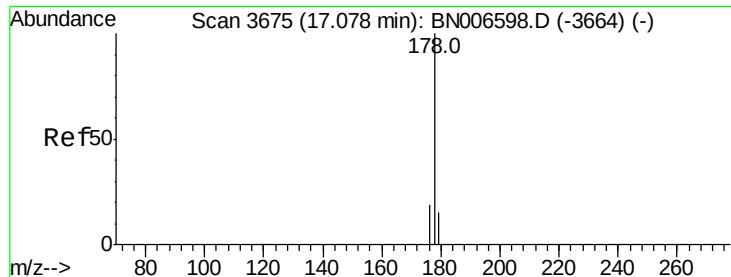


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

Instrument :

BNA_N

ClientSampled :

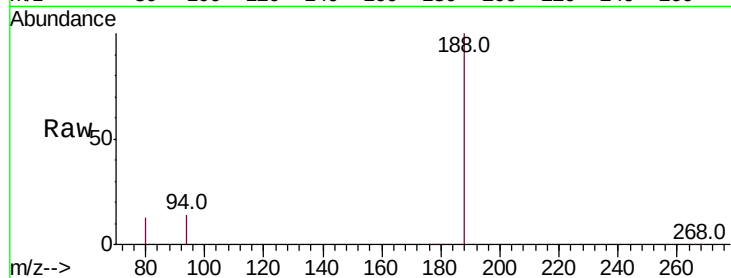
Tot Ion:178 Resp: 408

Ion Ratio Lower Upper

178 100

179 228.6 12.6 19.0#

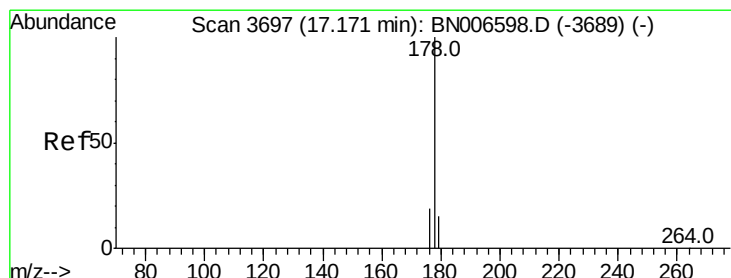
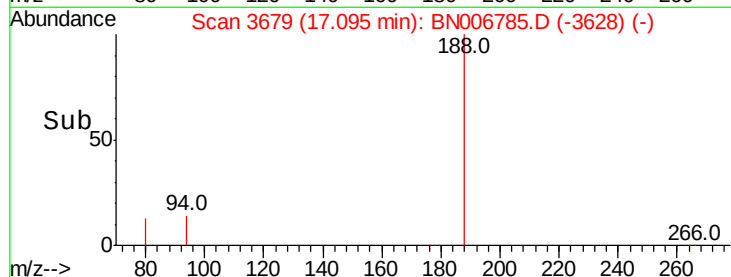
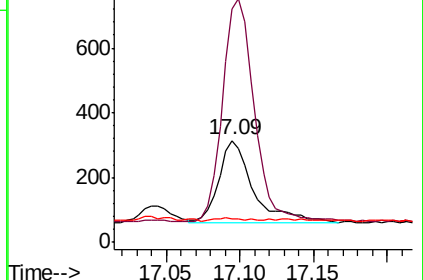
176 23.5 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.23 min Scan# 3712

Delta R.T. 0.06 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

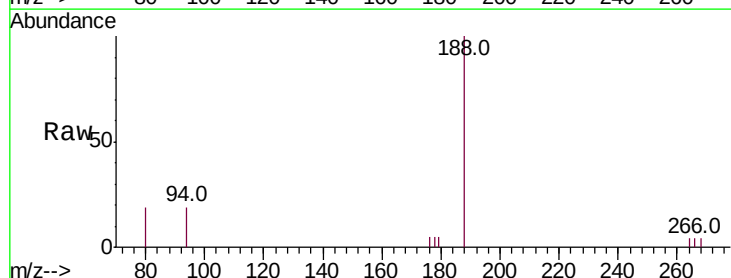
Tgt Ion:178 Resp: 3

Ion Ratio Lower Upper

178 100

179 104.8 12.7 19.1#

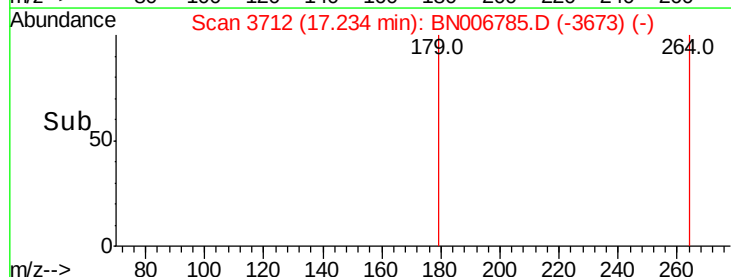
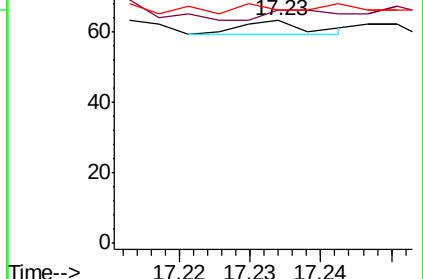
176 104.8 15.8 23.6#

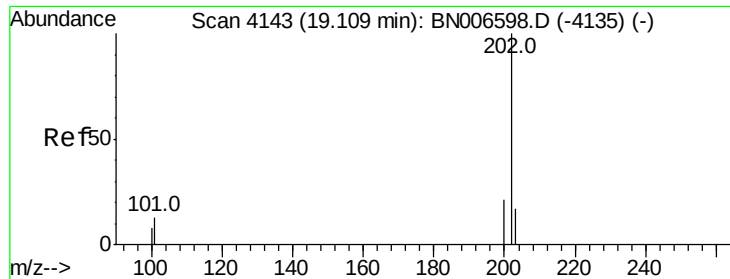


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

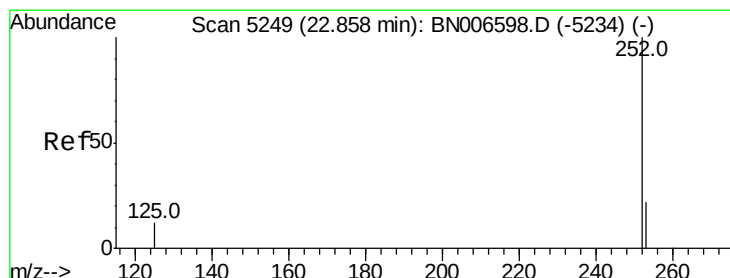
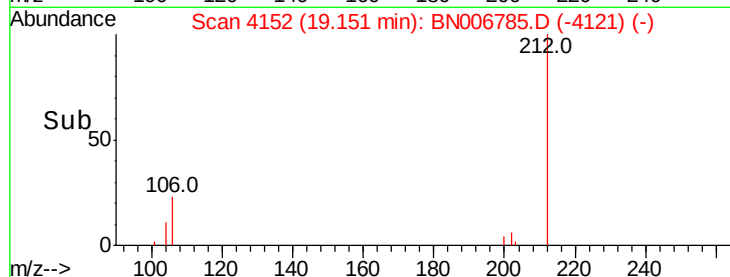
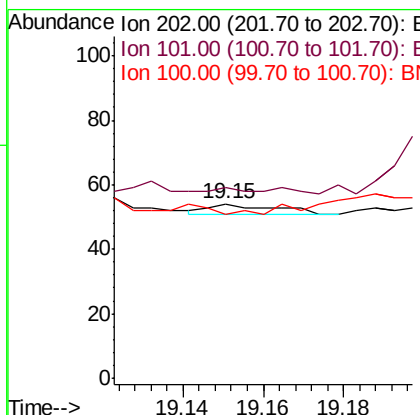
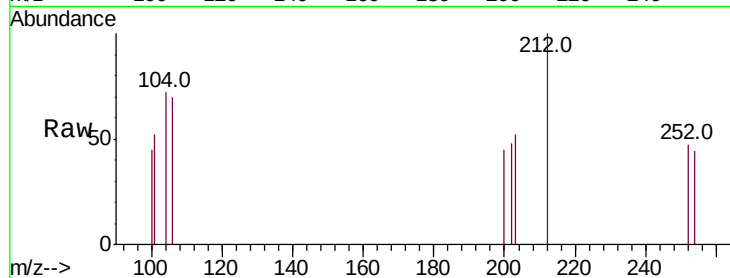




#15
Fluoranthene
Concen: 0.000 ng/ul
RT: 19.15 min Scan# 4152
Delta R.T. 0.04 min
Lab File: BN006785.D
Acq: 11 Jul 2019 00:03

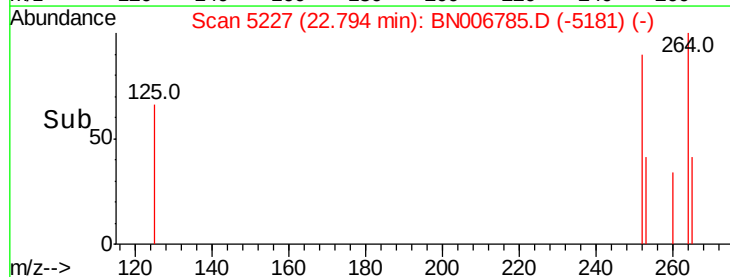
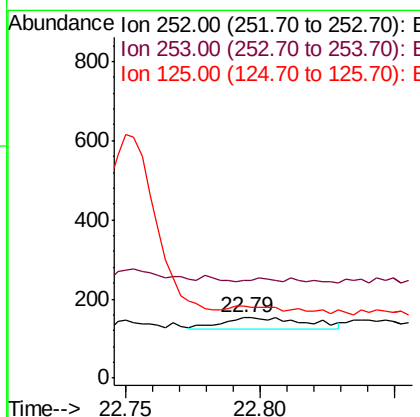
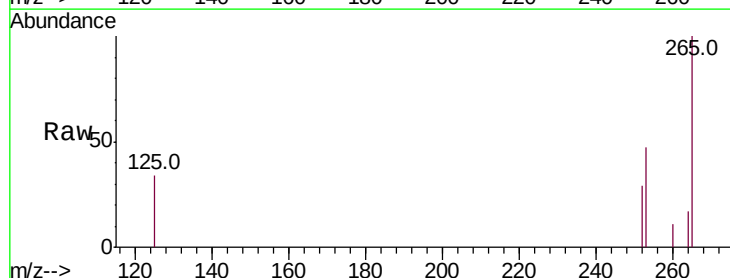
Instrument :
BNA_N
ClientSampleId :

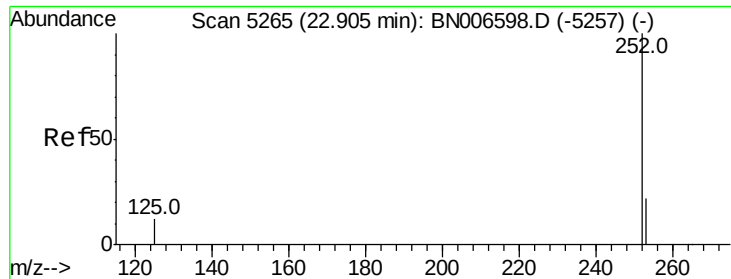
Tot Ion:202 Resp: 4
Ion Ratio Lower Upper
202 100
101 109.3 0.0 33.2#
100 94.4 0.0 29.9#



#21
Benzo(b)fluoranthene
Concen: 0.001 ng/ul
RT: 22.79 min Scan# 5227
Delta R.T. -0.06 min
Lab File: BN006785.D
Acq: 11 Jul 2019 00:03

Tgt Ion:252 Resp: 62
Ion Ratio Lower Upper
252 100
253 163.2 0.0 47.8#
125 119.7 0.0 29.2#





#22

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. -0.07 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

Instrument :

BNA_N

ClientSampleId :

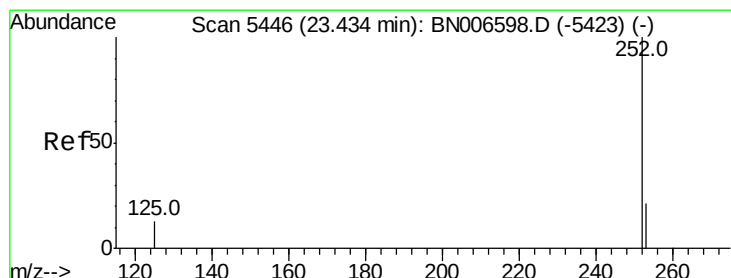
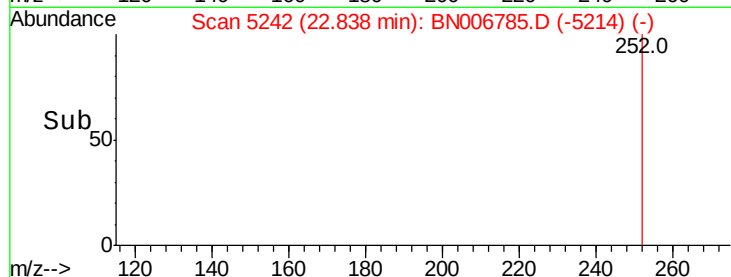
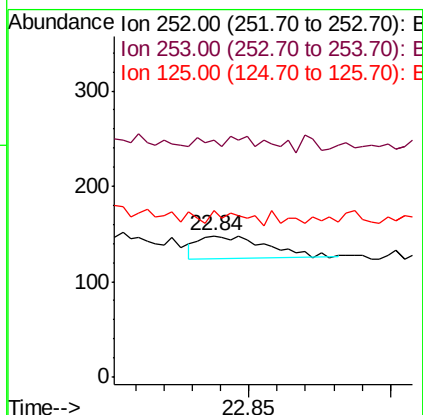
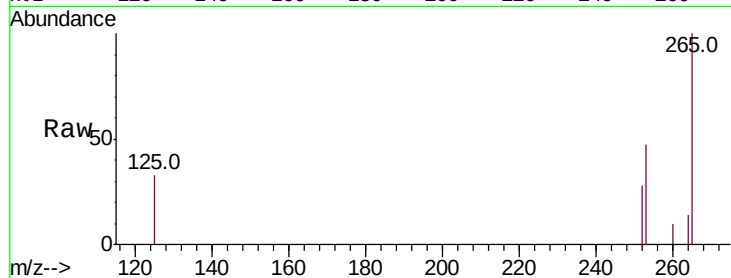
Tot Ion:252 Resp: 38

Ion Ratio Lower Upper

252 100

253 168.2 19.2 28.8#

125 117.6 11.0 16.6#



#23

Benzo(a)pyrene

Concen: 0.061 ng/ul

RT: 23.30 min Scan# 5399

Delta R.T. -0.14 min

Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

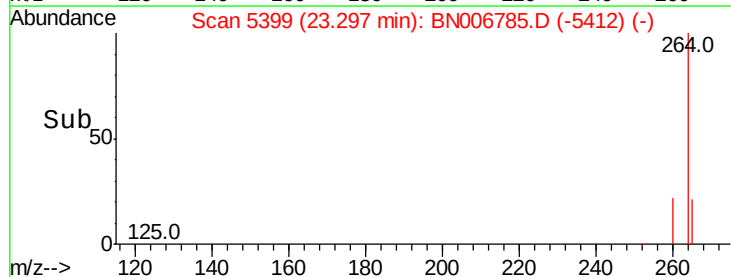
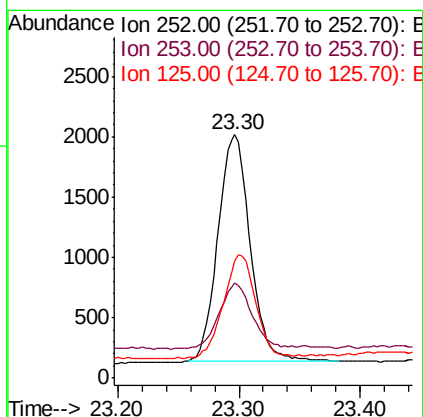
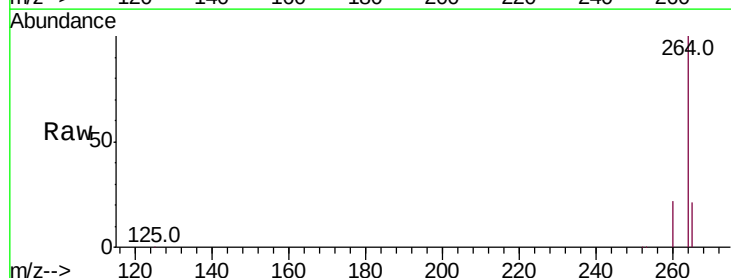
Tgt Ion:252 Resp: 3468

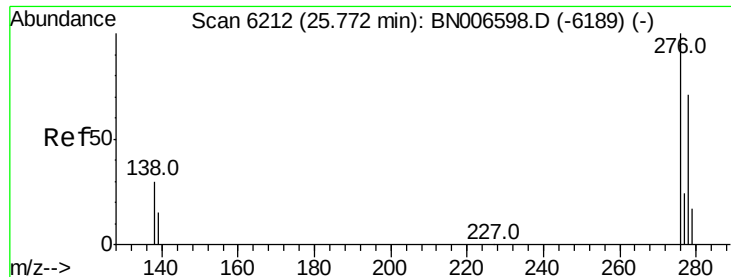
Ion Ratio Lower Upper

252 100

253 38.9 19.4 29.2#

125 48.2 12.6 19.0#



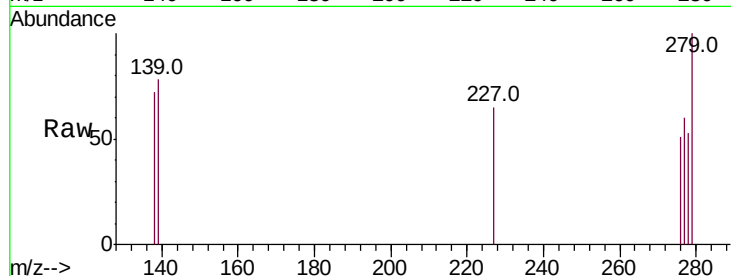


#24

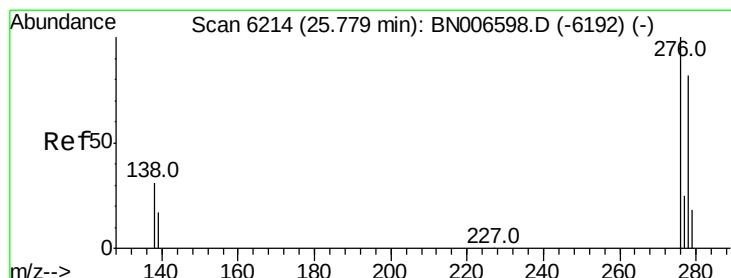
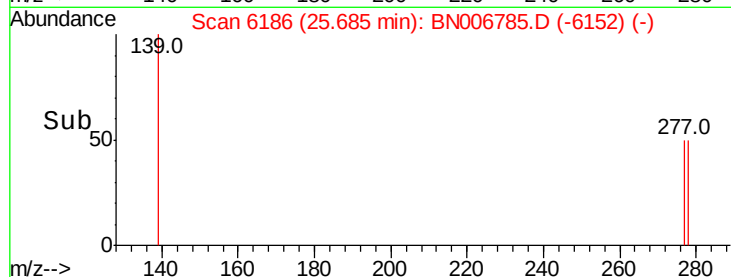
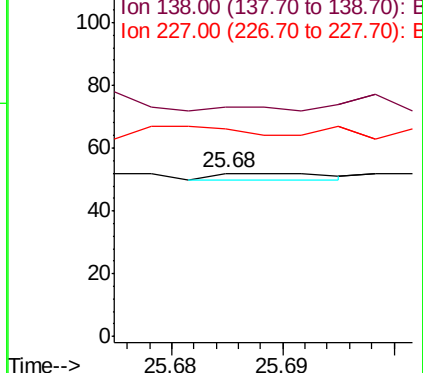
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.68 min Scan# 6186
Delta R.T. -0.09 min
Lab File: BN006785.D
Acq: 11 Jul 2019 00:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 0.0 24.3 36.5#
227 300.0 0.2 0.4#



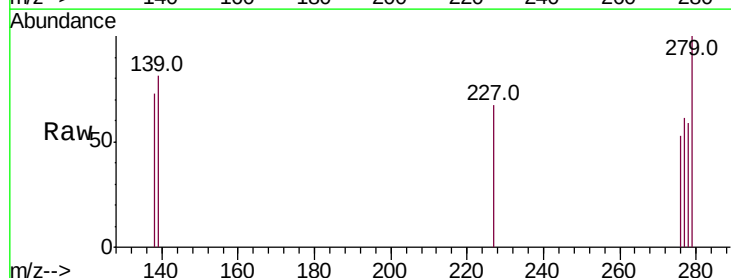
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



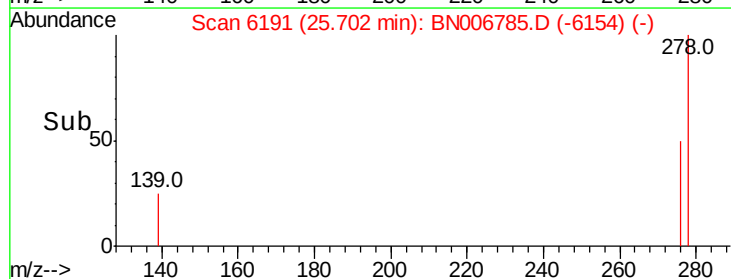
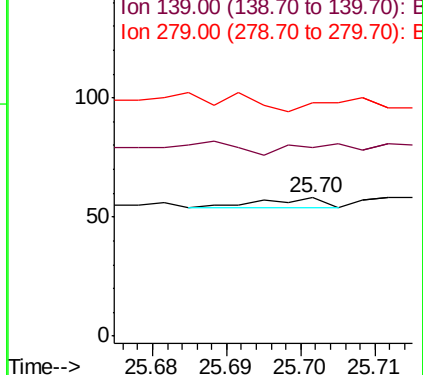
#25

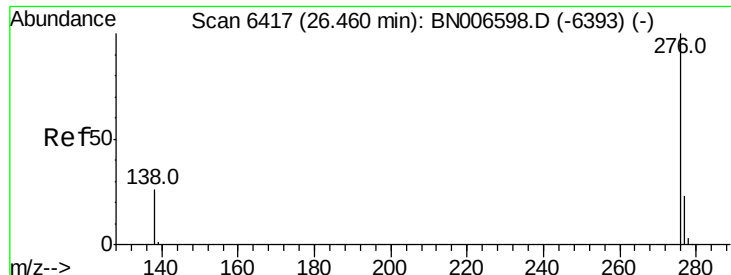
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.70 min Scan# 6191
Delta R.T. -0.08 min
Lab File: BN006785.D
Acq: 11 Jul 2019 00:03

Tgt Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 136.2 18.1 27.1#
279 169.0 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





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. -0.10 min

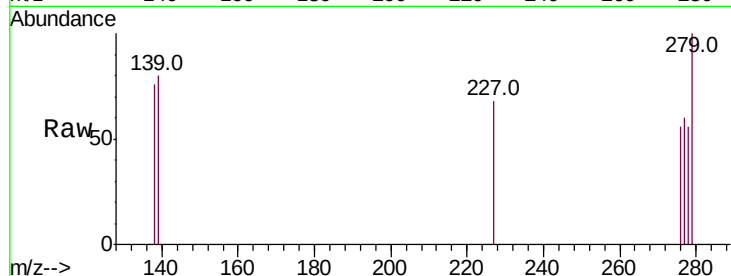
Lab File: BN006785.D

Acq: 11 Jul 2019 00:03

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
138	136.4	22.2	33.2#
277	107.3	19.5	29.3#

