

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006784.D
 Acq On : 10 Jul 2019 23:28
 Operator : HP/JU
 Sample : K3596-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:01:15 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

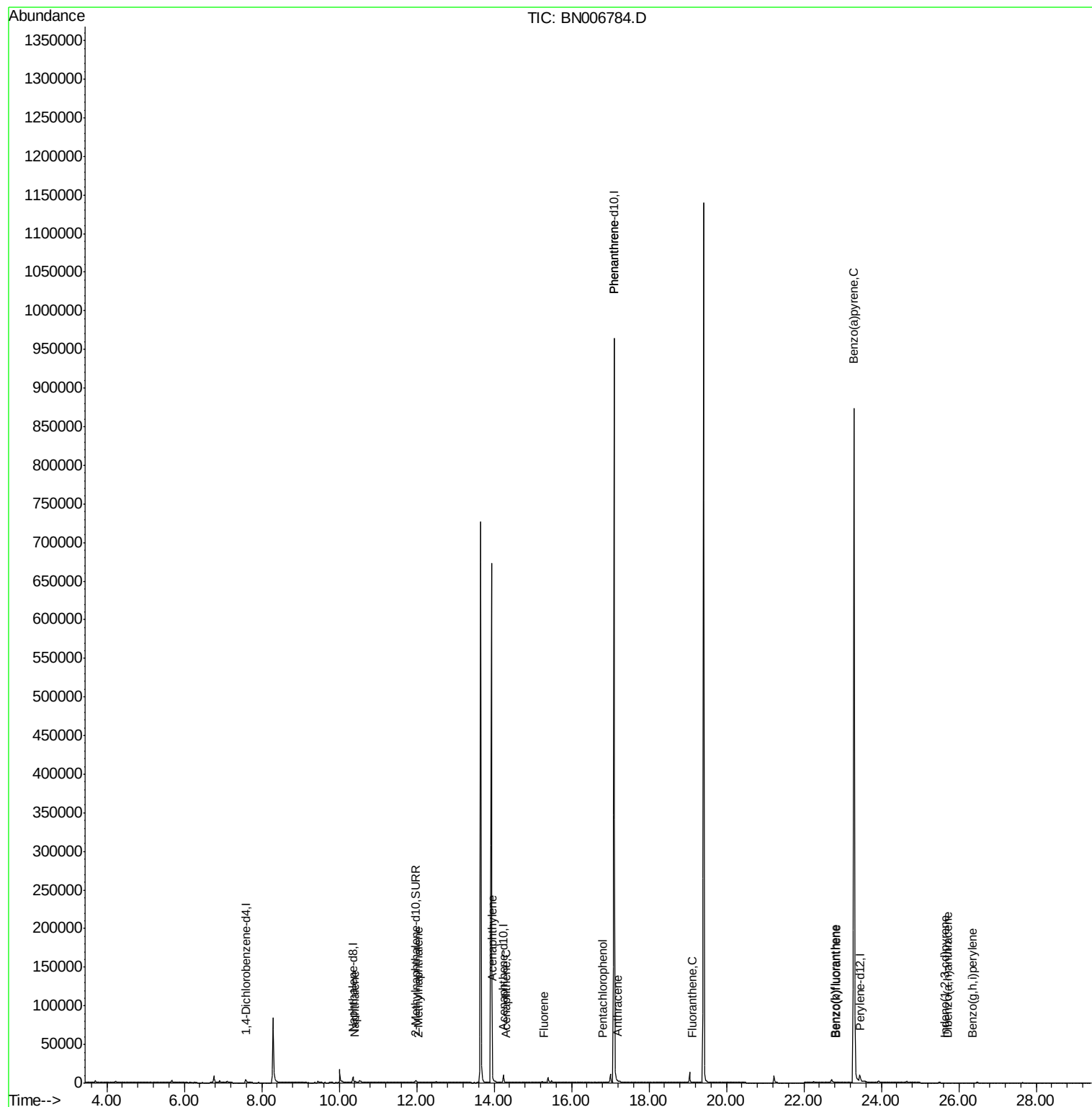
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2912	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	10640	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	5747	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	1015116	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	17135	0.40	ng/ul	-0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	5639	0.34	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.42	128	714	0.023	ng/ul#	1
5) 2-Methylnaphthalene	12.06	142	93	0.005	ng/ul	84
7) Acenaphthylene	13.95	152	32	0.001	ng/ul#	1
8) Acenaphthene	14.31	153	74	0.003	ng/ul#	80
9) Fluorene	15.30	166	93	0.004	ng/ul#	86
11) Pentachlorophenol	16.82	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.09	178	513	0.000	ng/ul#	1
13) Anthracene	17.20	178	11	0.000	ng/ul#	1
15) Fluoranthene	19.14	202	8	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	75	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	67	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	4341	0.063	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.66	276	5	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.70	278	9	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.34	276	2	0.000	ng/ul#	1

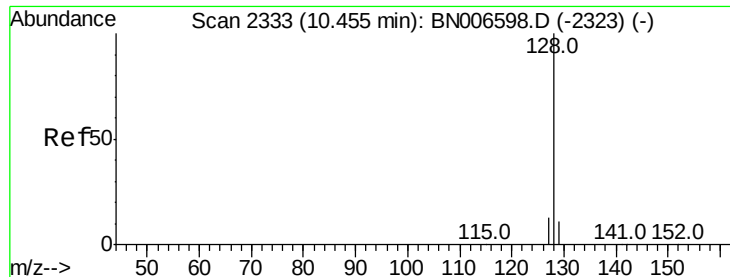
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.04 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_N

ClientSampled :

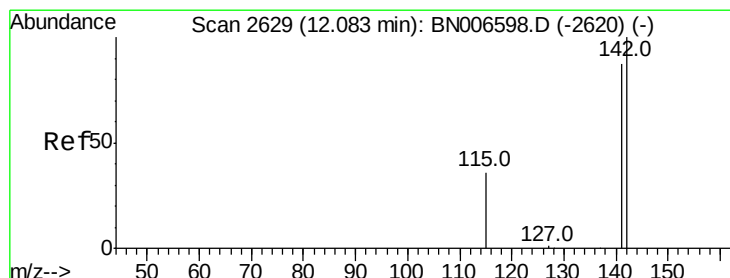
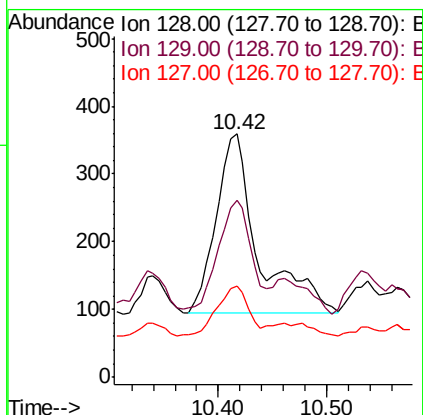
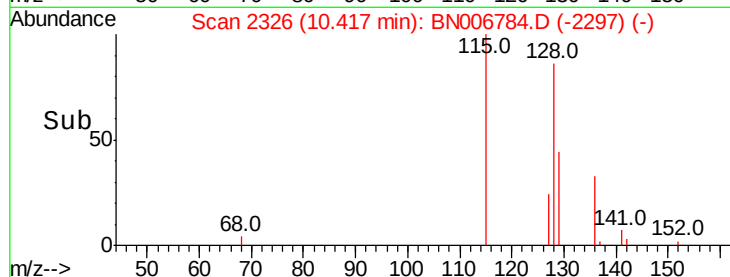
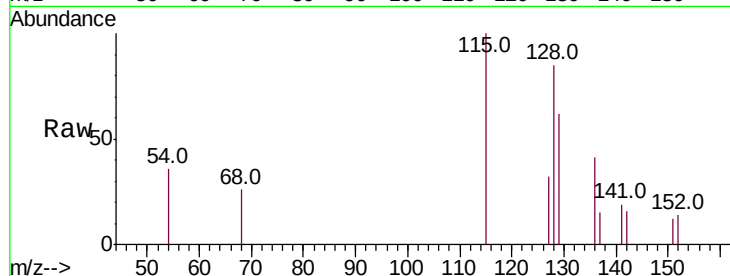
Tot Ion:128 Resp: 714

Ion Ratio Lower Upper

128 100

129 72.7 9.4 14.0#

127 37.3 10.6 16.0#



#5

2-Methylnaphthalene

Concen: 0.005 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.03 min

Lab File: BN006784.D

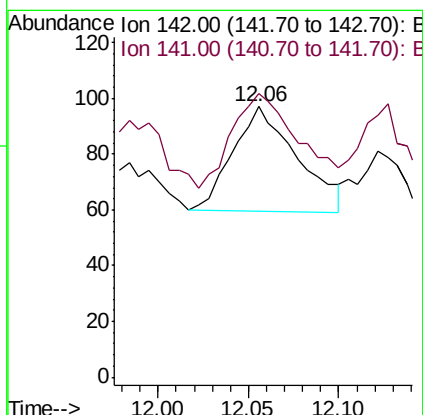
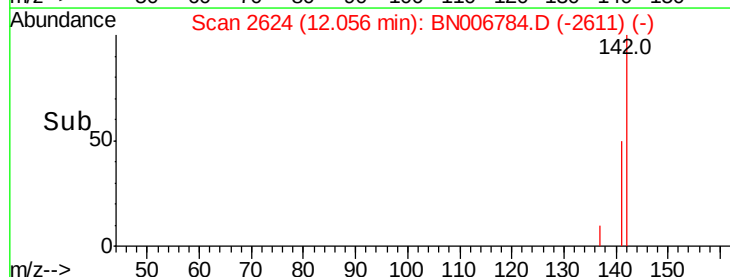
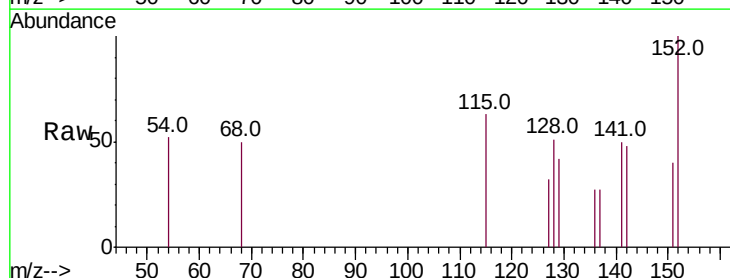
Acq: 10 Jul 2019 23:28

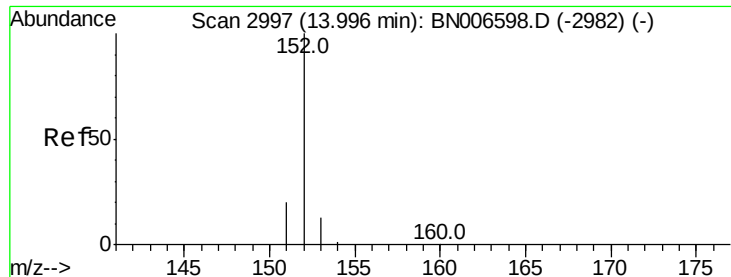
Tgt Ion:142 Resp: 93

Ion Ratio Lower Upper

142 100

141 104.3 71.8 107.6





#7

Acenaphthylene

Concen: 0.001 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.04 min

Lab File: BN006784.D

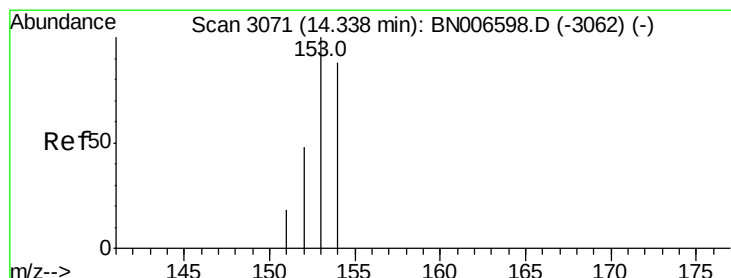
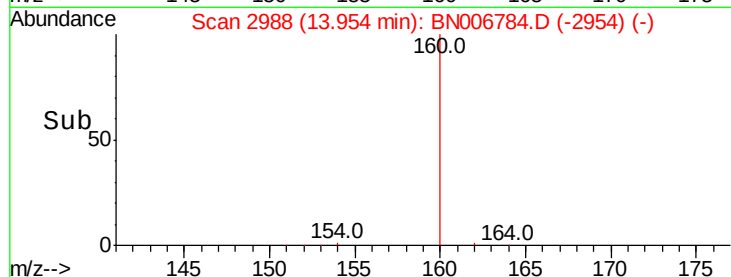
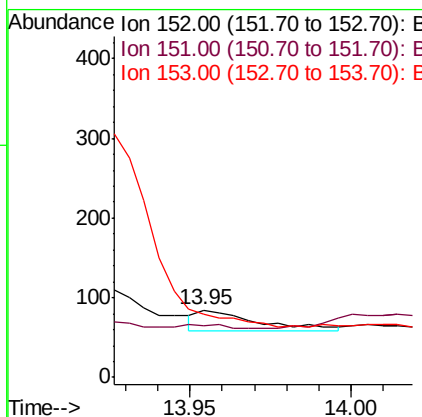
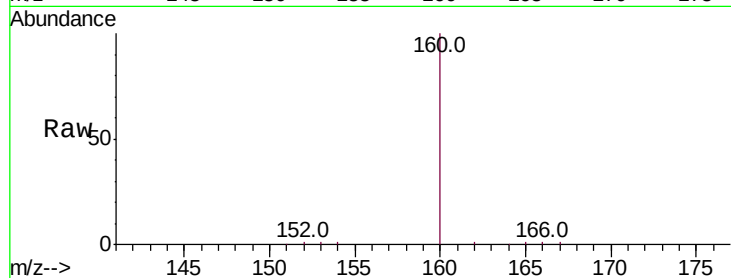
Acq: 10 Jul 2019 23:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	32
Ion	Ratio	Lower	Upper
152	100		
151	76.5	16.1	24.1#
153	94.1	11.2	16.8#



#8

Acenaphthene

Concen: 0.003 ng/ul

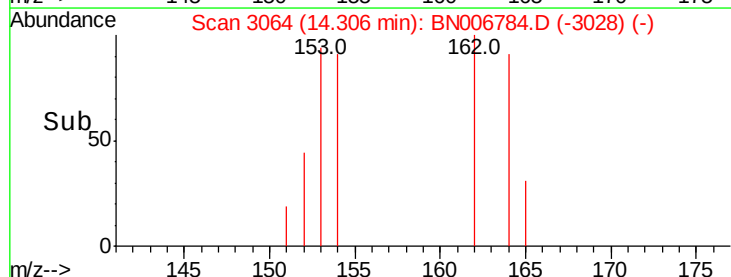
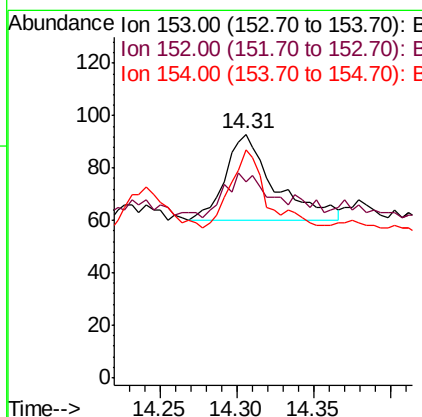
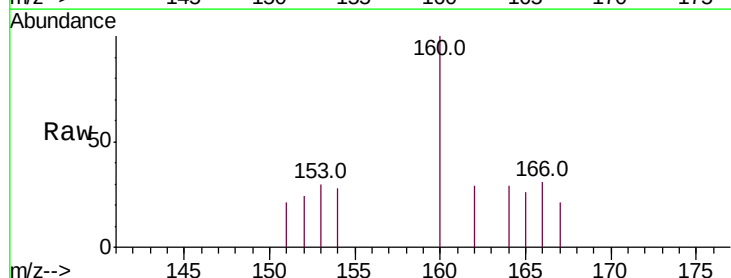
RT: 14.31 min Scan# 3064

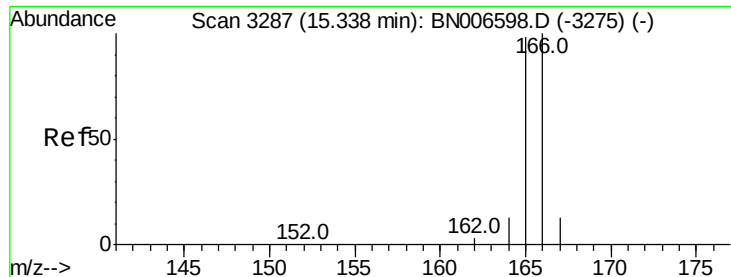
Delta R.T. -0.03 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	153	Resp:	74
Ion	Ratio	Lower	Upper
153	100		
152	80.6	39.3	58.9#
154	93.5	70.6	105.8





#9

Fluorene

Concen: 0.004 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_N

ClientSampled :

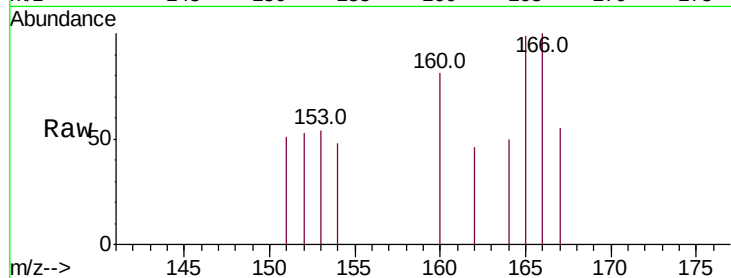
Tot Ion:166 Resp: 93

Ion Ratio Lower Upper

166 100

165 99.3 78.2 117.4

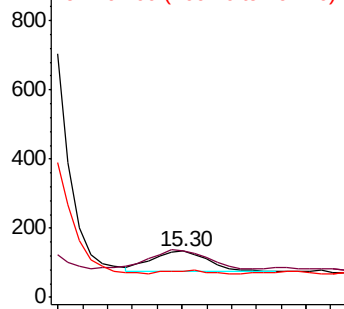
167 55.2 11.3 16.9#



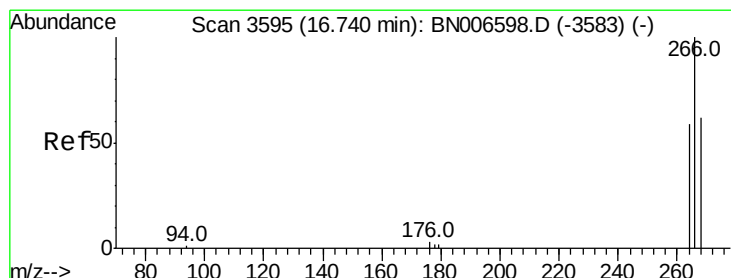
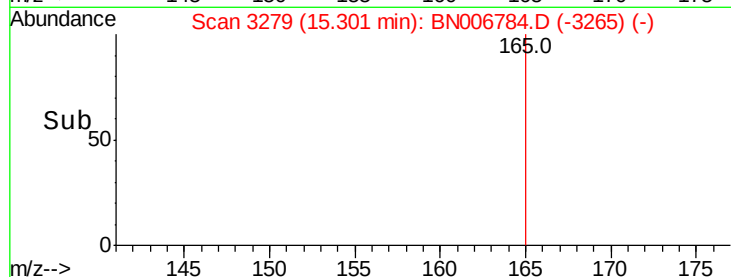
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.25 15.30 15.35



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.82 min Scan# 3614

Delta R.T. 0.08 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

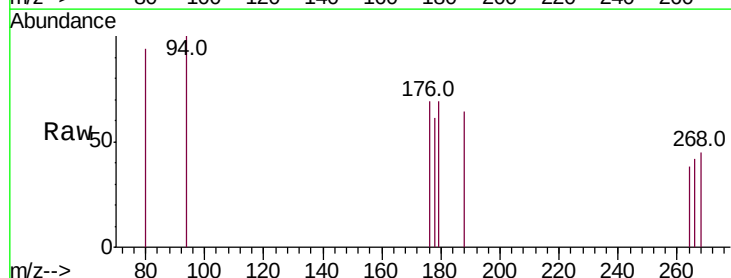
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 100.0 45.9 68.9#

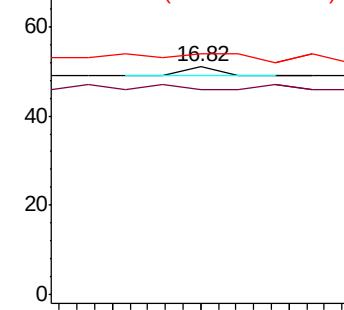
268 200.0 48.1 72.1#



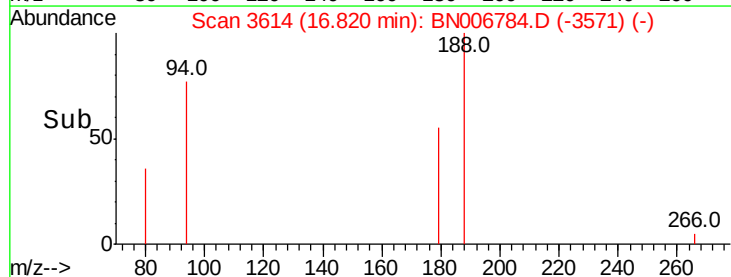
Abundance Ion 266.00 (265.70 to 266.70): E

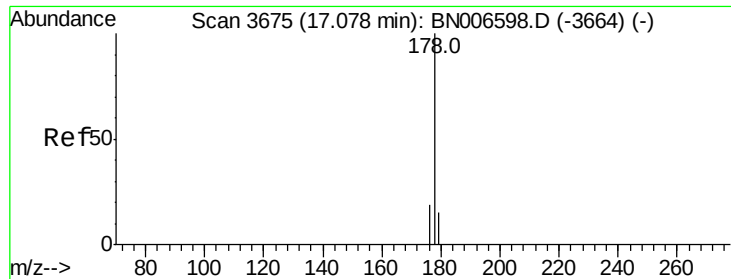
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 16.81 16.82 16.83





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_N

ClientSampleId :

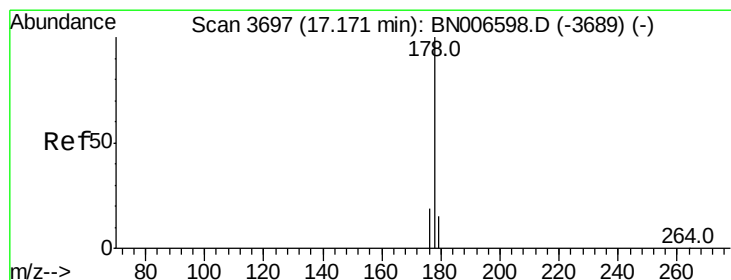
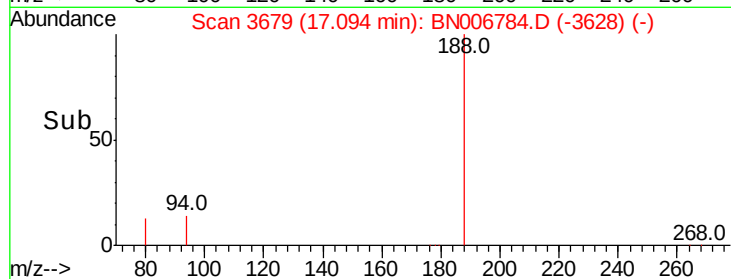
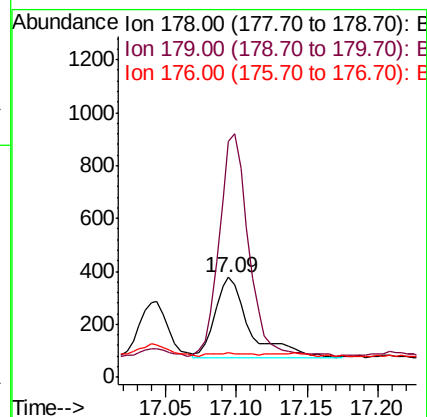
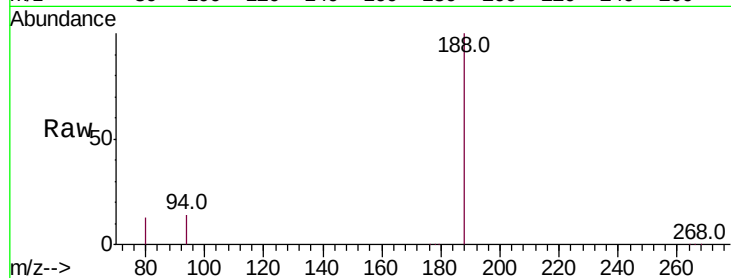
Tot Ion:178 Resp: 513

Ion Ratio Lower Upper

178 100

179 235.8 12.6 19.0#

176 24.9 15.8 23.8#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.20 min Scan# 3705

Delta R.T. 0.03 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

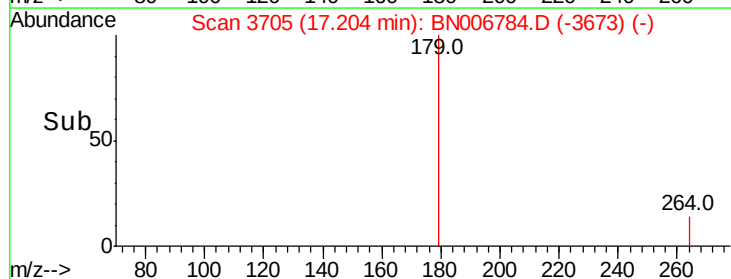
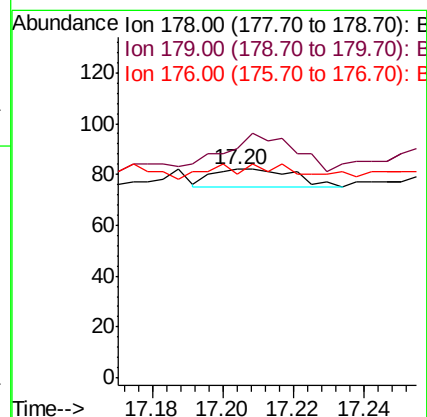
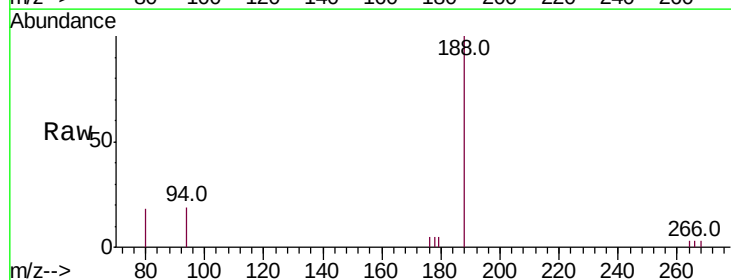
Tgt Ion:178 Resp: 11

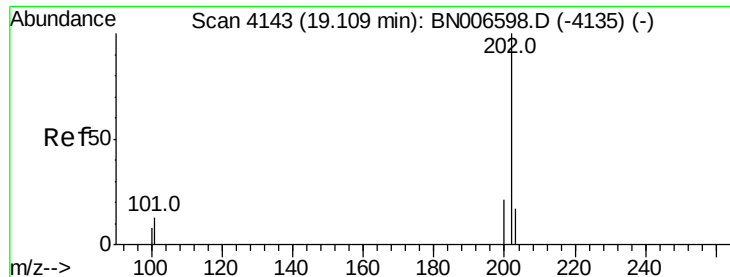
Ion Ratio Lower Upper

178 100

179 109.8 12.7 19.1#

176 97.6 15.8 23.6#

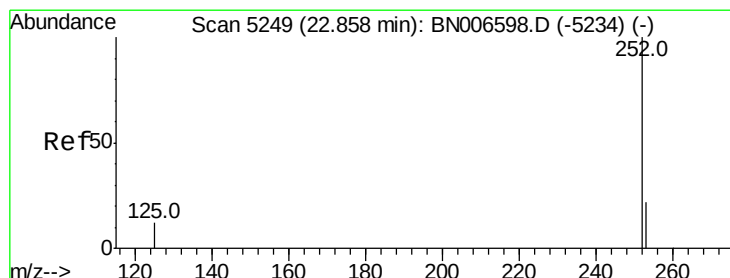
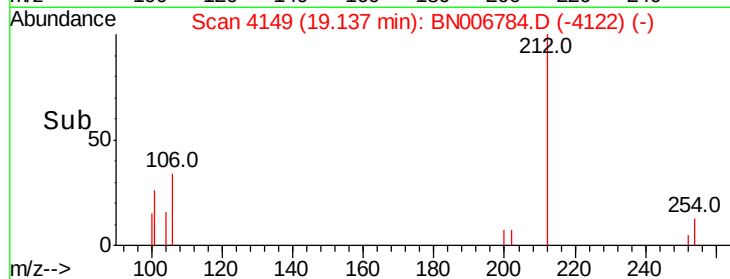
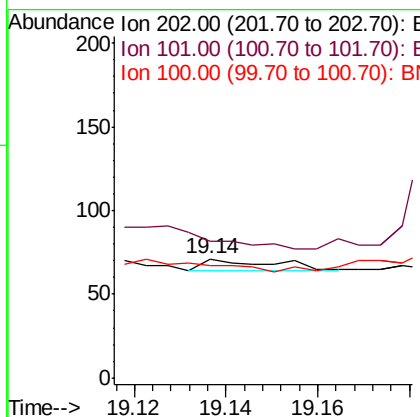
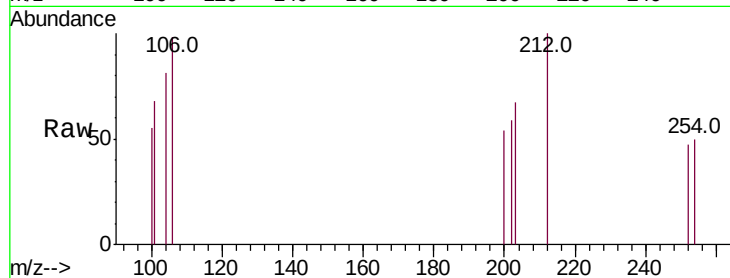




#15
Fluoranthene
Concen: 0.000 ng/ul
RT: 19.14 min Scan# 4149
Delta R.T. 0.03 min
Lab File: BN006784.D
Acq: 10 Jul 2019 23:28

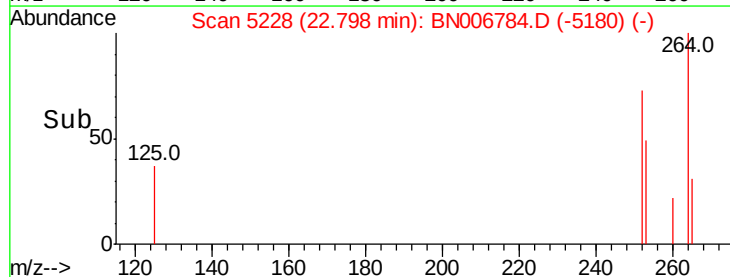
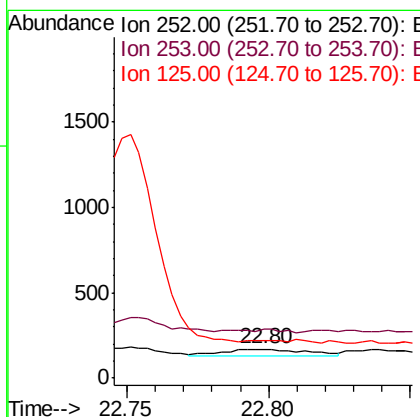
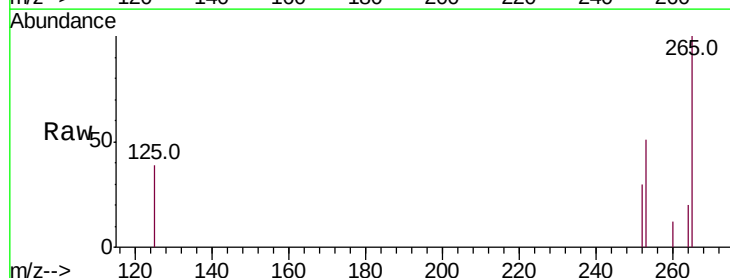
Instrument :
BNA_N
ClientSampleId :

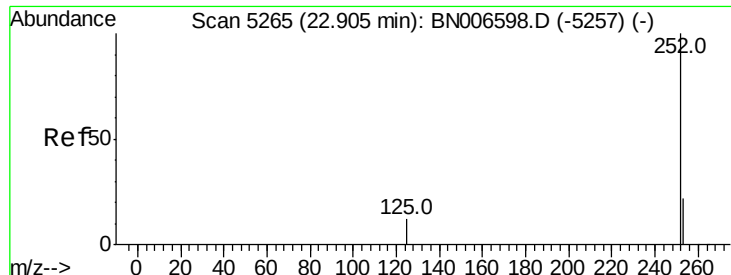
Tot Ion:202 Resp: 8
Ion Ratio Lower Upper
202 100
101 115.5 0.0 33.2#
100 94.4 0.0 29.9#



#21
Benzo(b)fluoranthene
Concen: 0.001 ng/ul
RT: 22.80 min Scan# 5228
Delta R.T. -0.06 min
Lab File: BN006784.D
Acq: 10 Jul 2019 23:28

Tgt Ion:252 Resp: 75
Ion Ratio Lower Upper
252 100
253 168.0 0.0 47.8#
125 128.4 0.0 29.2#





#22

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 22.84 min Scan# 5241

Delta R.T. -0.07 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_N

ClientSampleId :

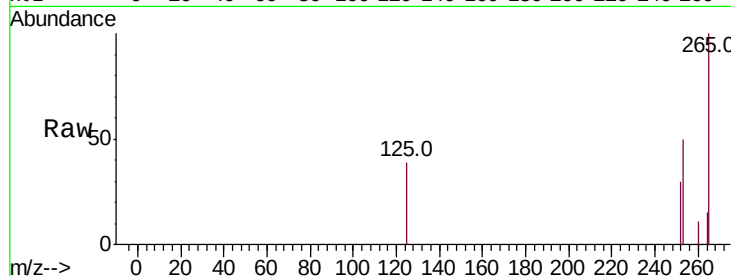
Tot Ion:252 Resp: 67

Ion Ratio Lower Upper

252 100

253 166.7 19.2 28.8#

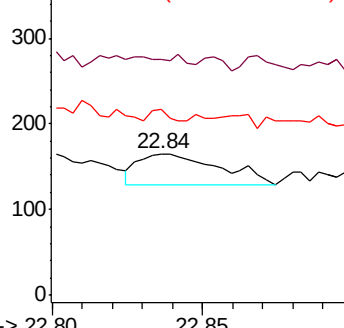
125 131.5 11.0 16.6#



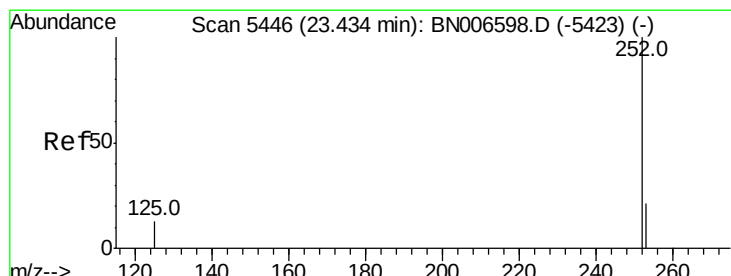
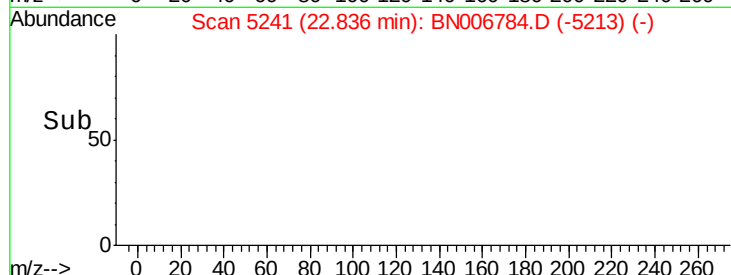
Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.063 ng/ul

RT: 23.30 min Scan# 5398

Delta R.T. -0.14 min

Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

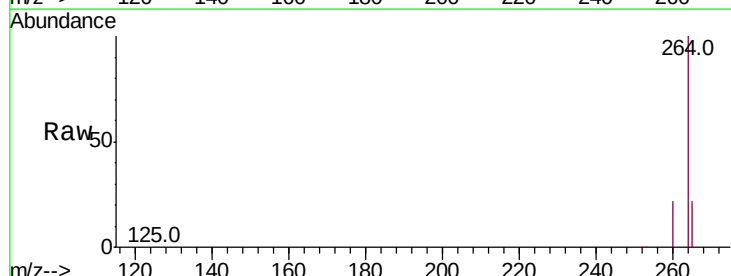
Tgt Ion:252 Resp: 4341

Ion Ratio Lower Upper

252 100

253 38.2 19.4 29.2#

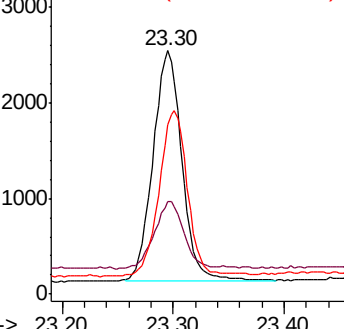
125 69.5 12.6 19.0#



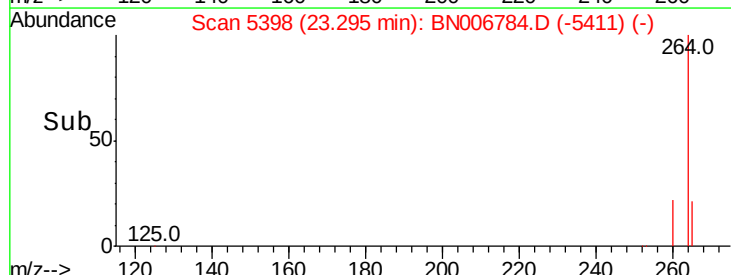
Abundance Ion 252.00 (251.70 to 252.70): E

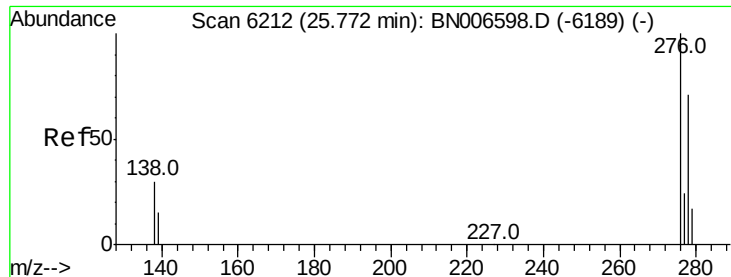
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.20 23.30 23.40



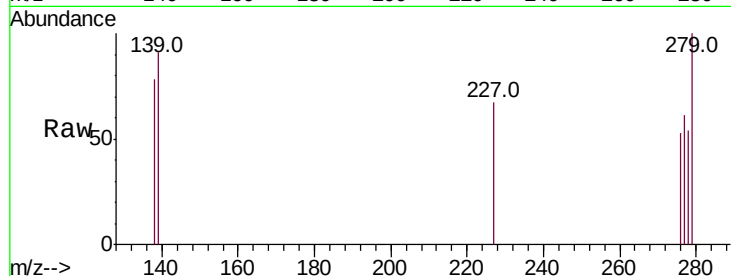


#24

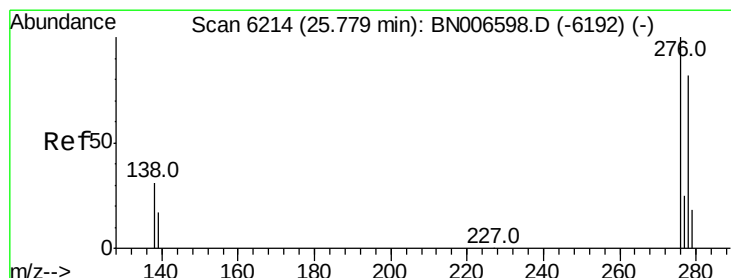
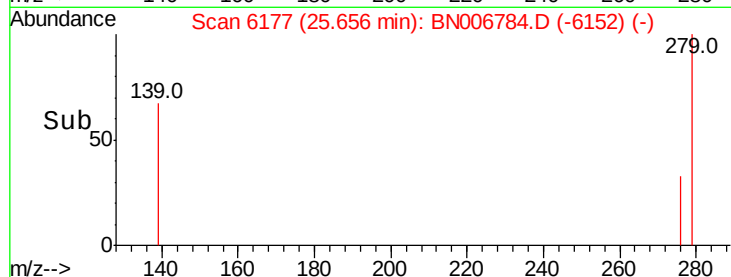
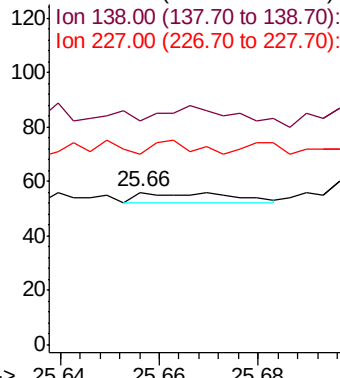
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.66 min Scan# 6177
Delta R.T. -0.12 min
Lab File: BN006784.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 5
Ion Ratio Lower Upper
276 100
138 160.0 24.3 36.5#
227 60.0 0.2 0.4#



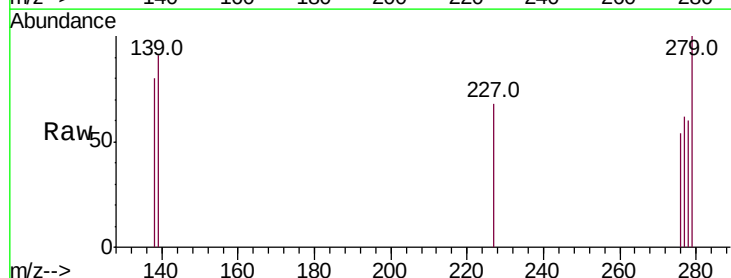
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



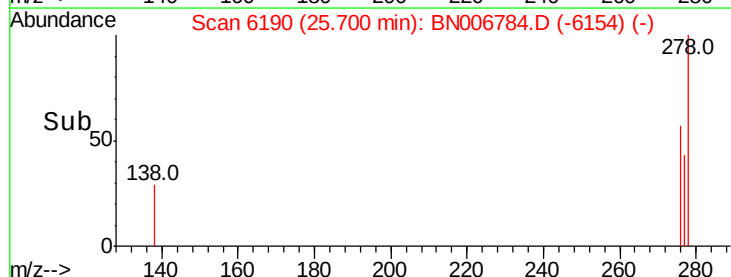
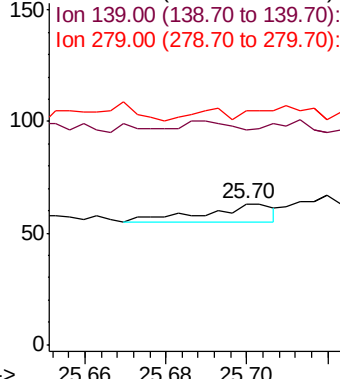
#25

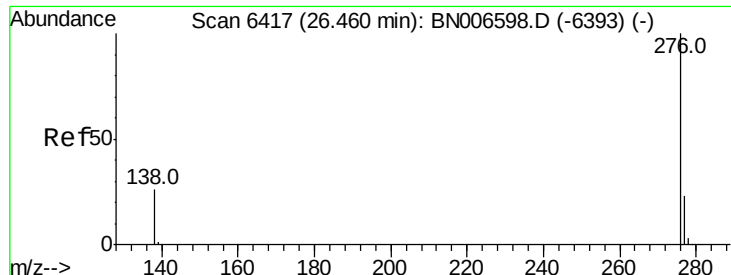
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.70 min Scan# 6190
Delta R.T. -0.08 min
Lab File: BN006784.D
Acq: 10 Jul 2019 23:28

Tgt Ion:278 Resp: 9
Ion Ratio Lower Upper
278 100
139 152.4 18.1 27.1#
279 166.7 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: 26.34 min Scan# 6381

Delta R.T. -0.12 min

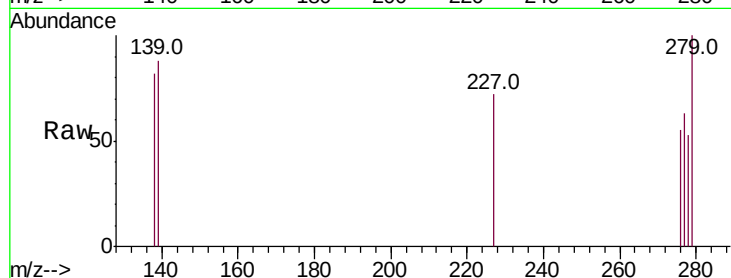
Lab File: BN006784.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	149.1	22.2	33.2#
277	114.5	19.5	29.3#

