

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006781.D
 Acq On : 10 Jul 2019 21:44
 Operator : HP/JU
 Sample : K3596-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:56 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	2456	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9651	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	5350	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	663061	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	14096	0.40	ng/ul	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.97	152	5799	0.39	ng/ul	-0.04
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

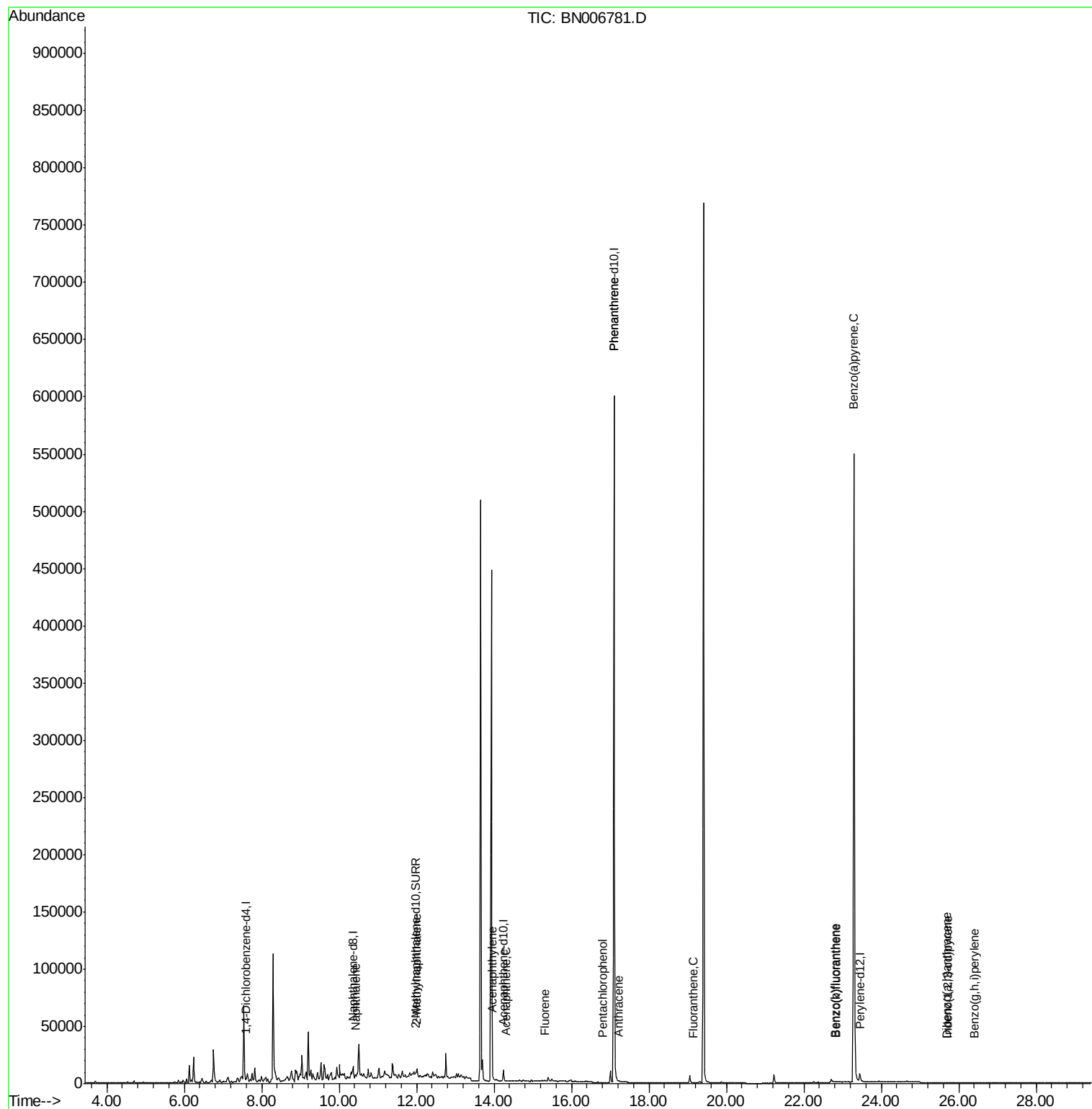
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.41	128	829	0.030	ng/ul#	1
5) 2-Methylnaphthalene	12.00	142	230	0.012	ng/ul#	1
7) Acenaphthylene	13.96	152	314	0.011	ng/ul#	1
8) Acenaphthene	14.31	153	42	0.002	ng/ul#	59
9) Fluorene	15.30	166	516	0.022	ng/ul#	55
11) Pentachlorophenol	16.81	266	9	0.000	ng/ul#	35
12) Phenanthrene	17.09	178	346	0.000	ng/ul#	1
13) Anthracene	17.22	178	21	0.000	ng/ul#	1
15) Fluoranthene	19.14	202	8	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.79	252	151	0.003	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	74	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.29	252	2750	0.049	ng/ul#	29
24) Indeno(1,2,3-cd)pyrene	25.72	276	60	0.001	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.68	278	4	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.40	276	97	0.002	ng/ul#	1

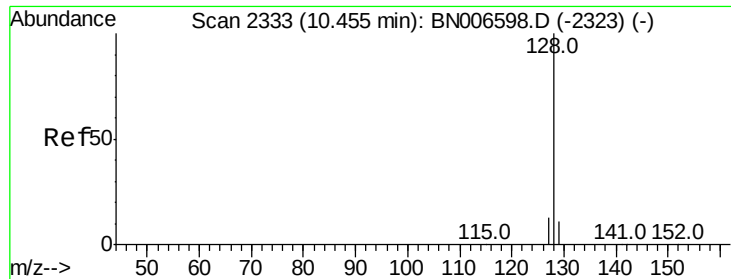
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.04 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

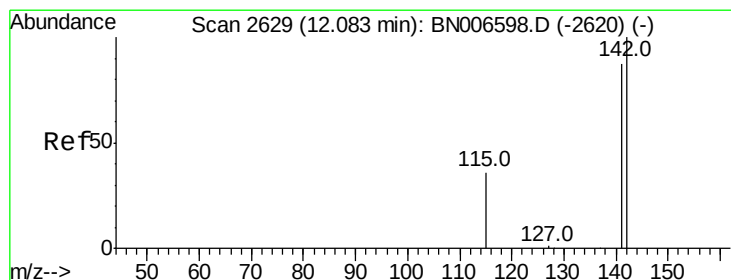
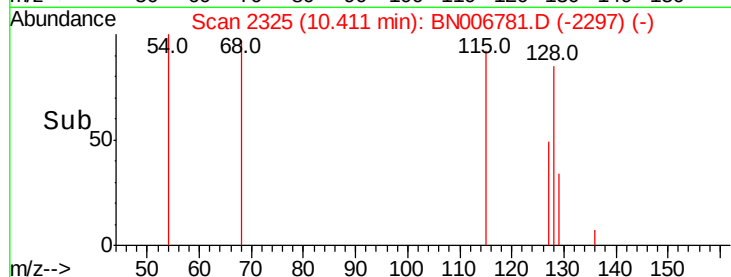
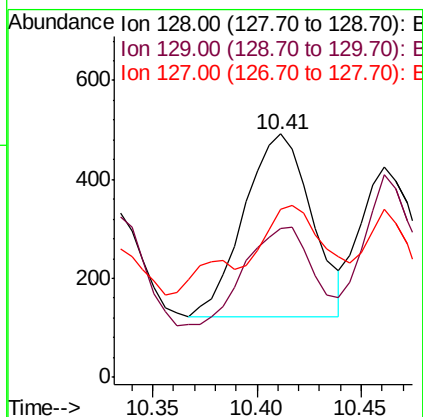
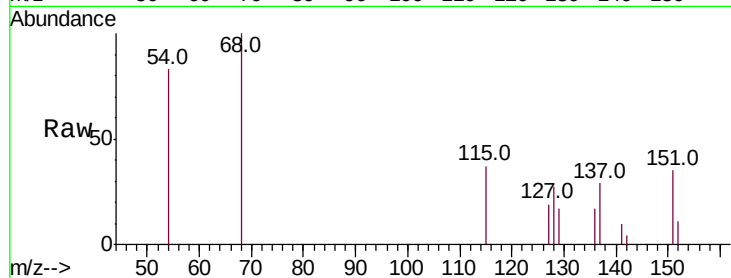
Tot Ion:128 Resp: 829

Ion Ratio Lower Upper

128 100

129 61.4 9.4 14.0#

127 68.9 10.6 16.0#



#5

2-Methylnaphthalene

Concen: 0.012 ng/ul

RT: 12.00 min Scan# 2614

Delta R.T. -0.08 min

Lab File: BN006781.D

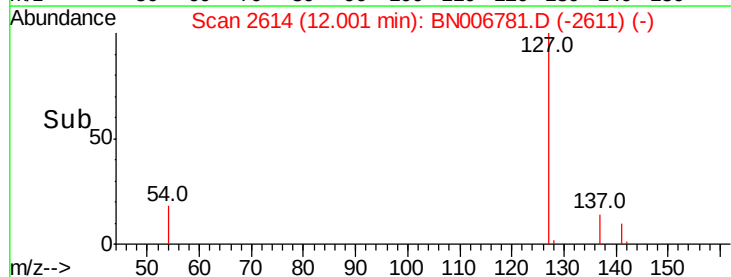
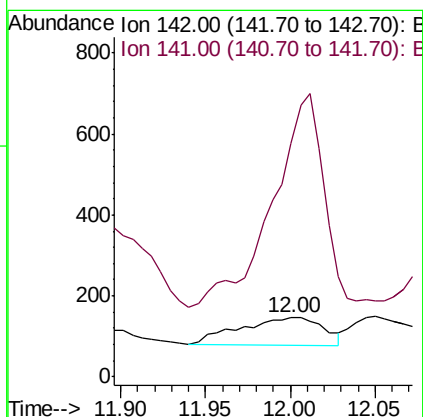
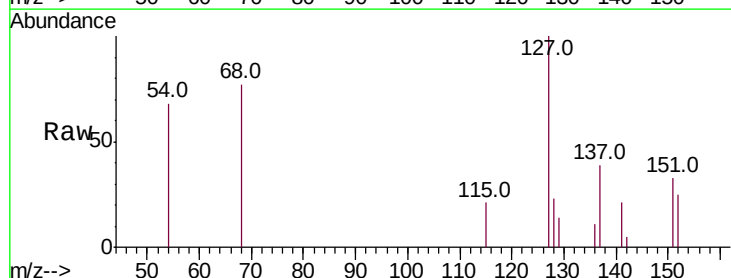
Acq: 10 Jul 2019 21:44

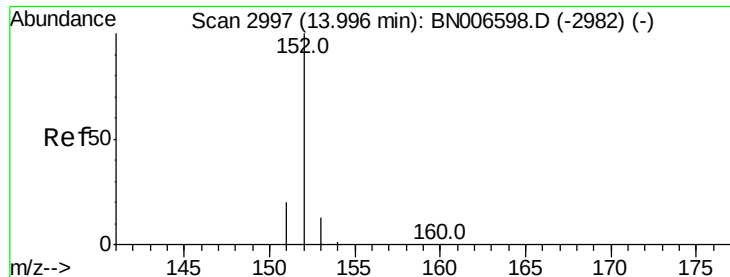
Tgt Ion:142 Resp: 230

Ion Ratio Lower Upper

142 100

141 513.5 71.8 107.6#





#7

Acenaphthylene

Concen: 0.011 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.04 min

Lab File: BN006781.D

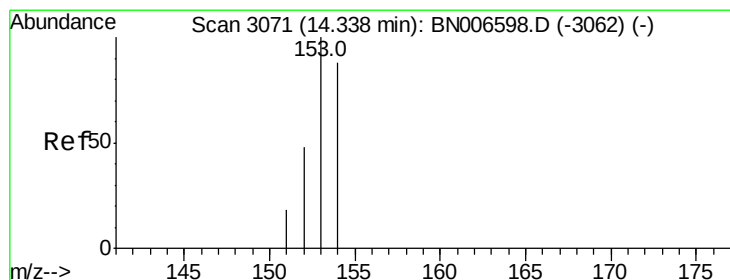
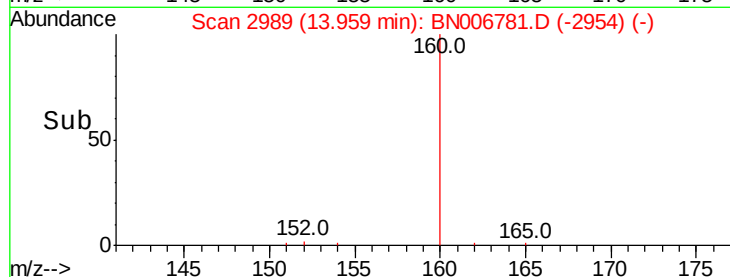
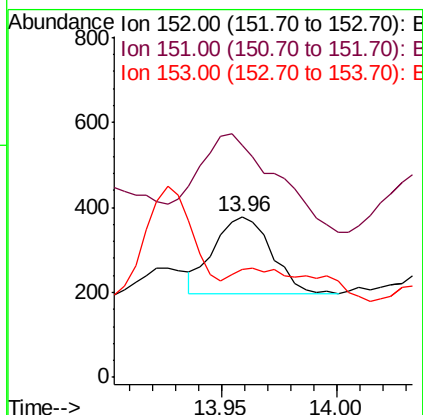
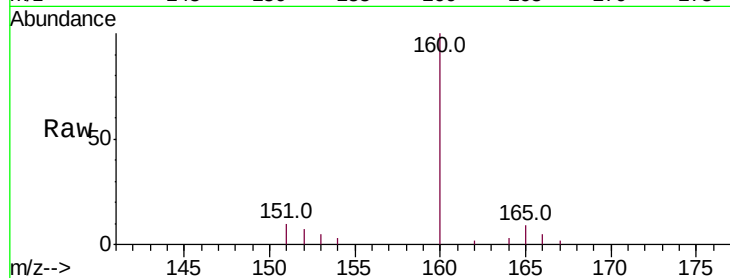
Acq: 10 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	314
Ion	Ratio	Lower	Upper
152	100		
151	144.2	16.1	24.1#
153	66.9	11.2	16.8#



#8

Acenaphthene

Concen: 0.002 ng/ul

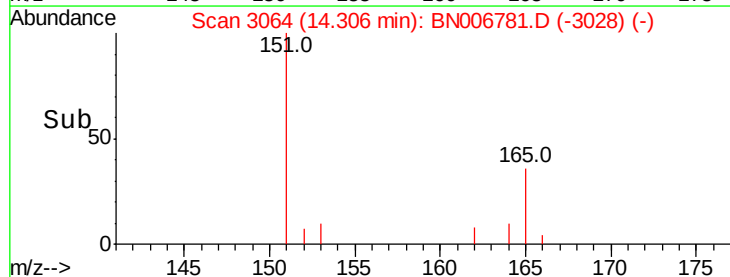
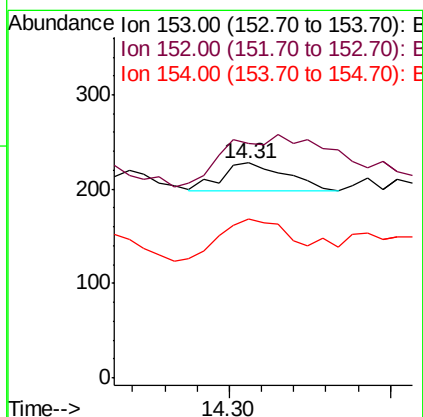
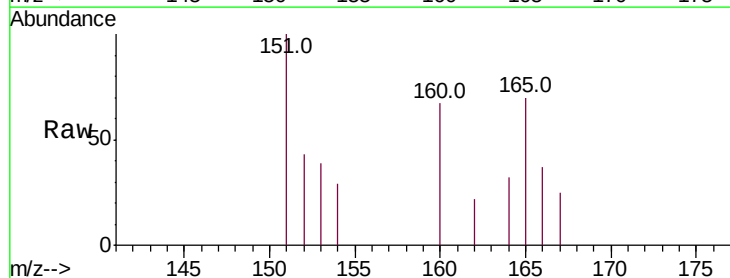
RT: 14.31 min Scan# 3064

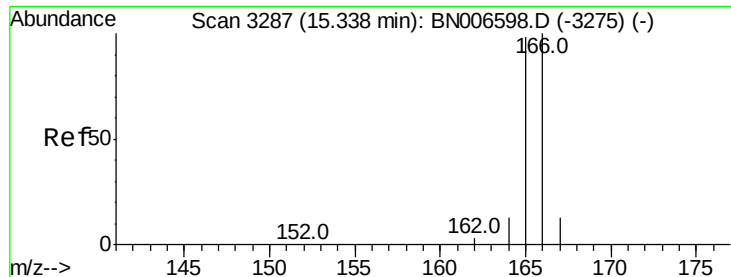
Delta R.T. -0.03 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

Tgt Ion:	153	Resp:	42
Ion	Ratio	Lower	Upper
153	100		
152	109.2	39.3	58.9#
154	74.1	70.6	105.8





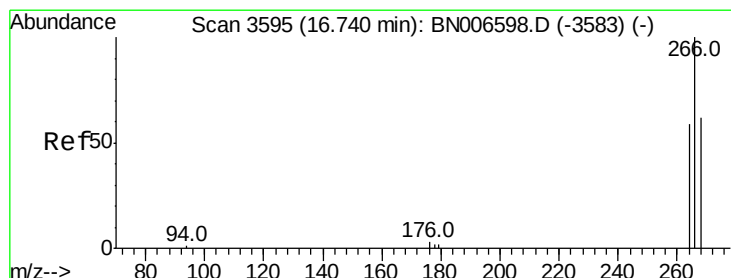
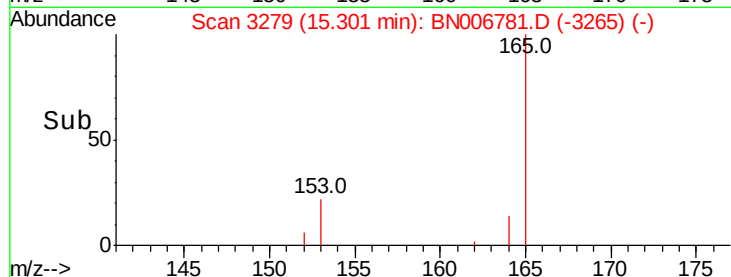
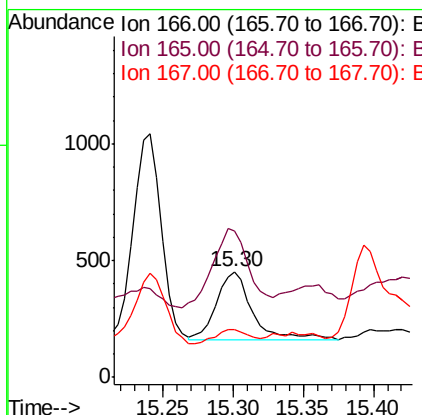
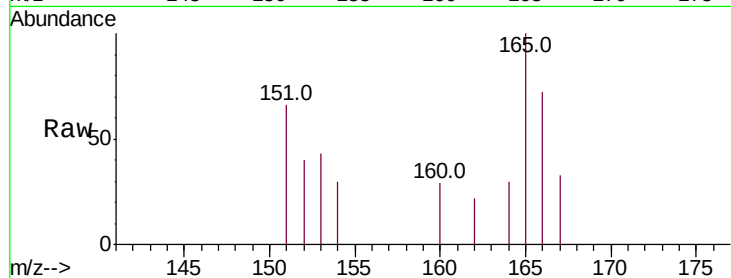
#9

Fluorene

Concen: 0.022 ng/ul
 RT: 15.30 min Scan# 3279
 Delta R.T. -0.04 min
 Lab File: BN006781.D
 Acq: 10 Jul 2019 21:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 516
 Ion Ratio Lower Upper
 166 100
 165 138.2 78.2 117.4#
 167 45.0 11.3 16.9#

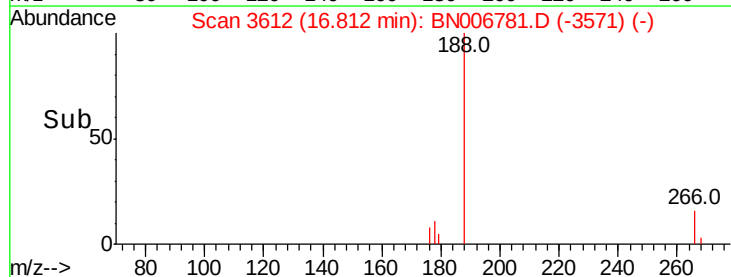
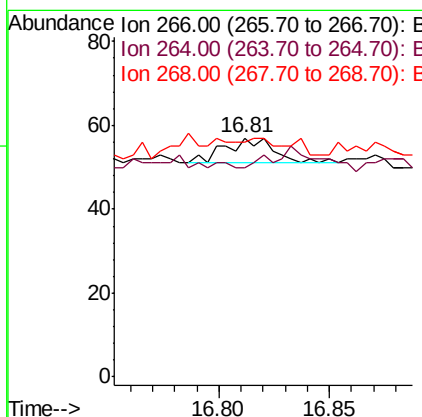
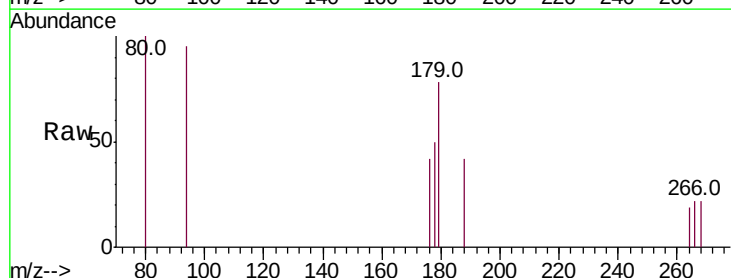


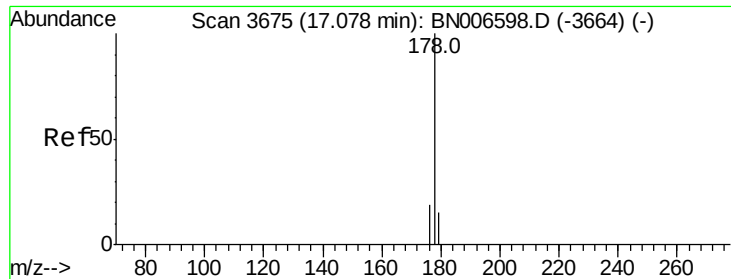
#11

Pentachlorophenol

Concen: 0.000 ng/ul
 RT: 16.81 min Scan# 3612
 Delta R.T. 0.07 min
 Lab File: BN006781.D
 Acq: 10 Jul 2019 21:44

Tgt Ion:266 Resp: 9
 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: BN006781.D

Acq: 10 Jul 2019 21:44

Instrument :

BNA_N

ClientSampled :

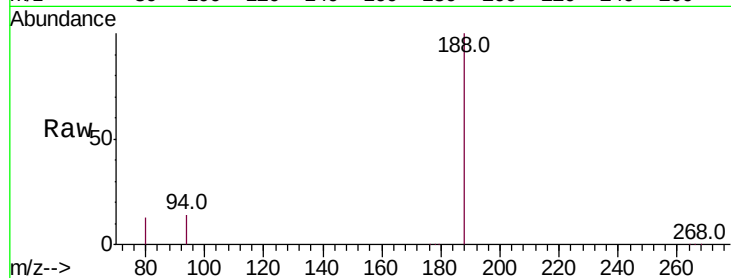
Tot Ion:178 Resp: 346

Ion Ratio Lower Upper

178 100

179 195.4 12.6 19.0#

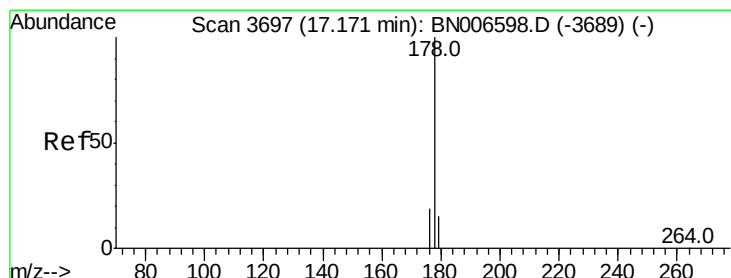
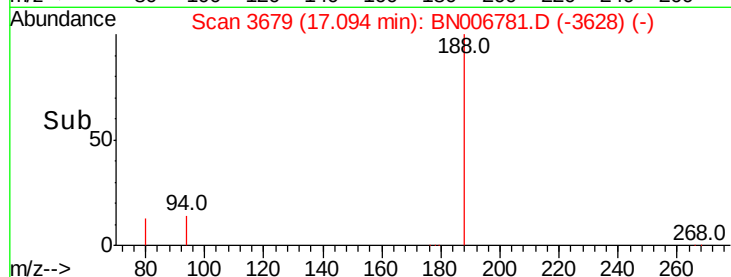
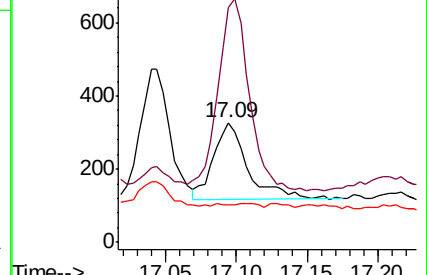
176 31.4 15.8 23.8#



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: 17.22 min Scan# 3708

Delta R.T. 0.05 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

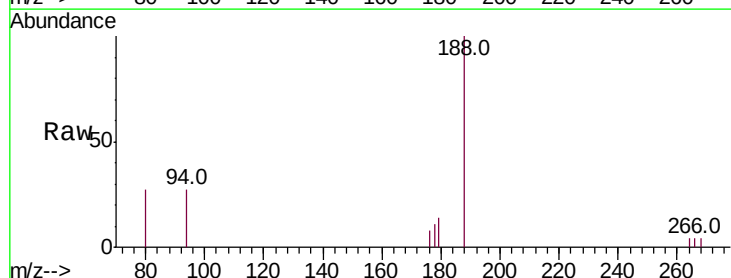
Tgt Ion:178 Resp: 21

Ion Ratio Lower Upper

178 100

179 130.9 12.7 19.1#

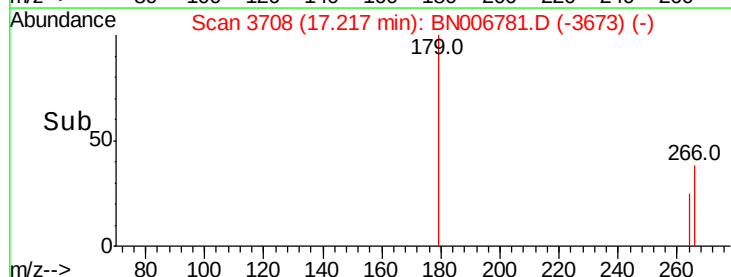
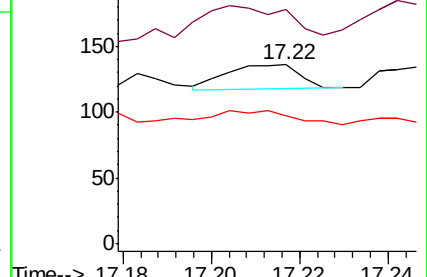
176 71.3 15.8 23.6#

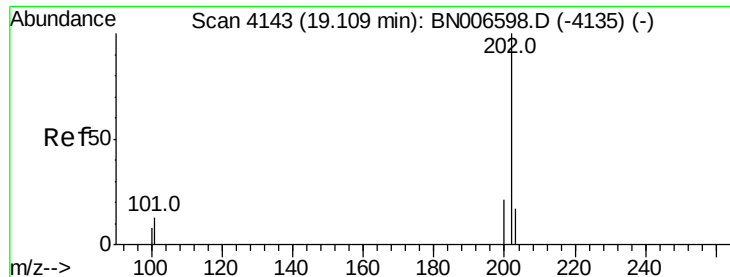


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.14 min Scan# 4149

Delta R.T. 0.03 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

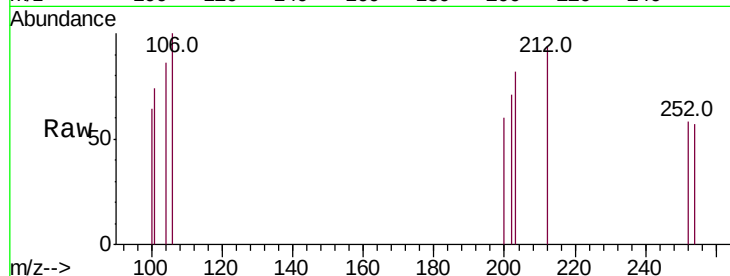
Tot Ion:202 Resp: 8

Ion Ratio Lower Upper

202 100

101 104.1 0.0 33.2#

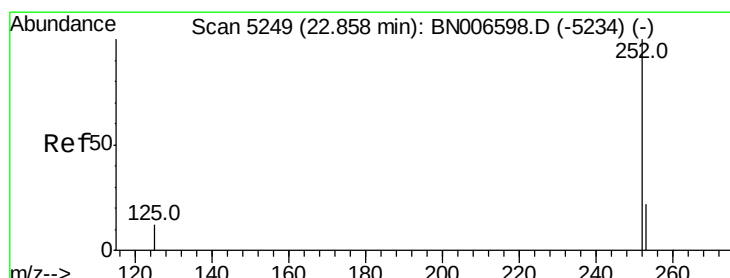
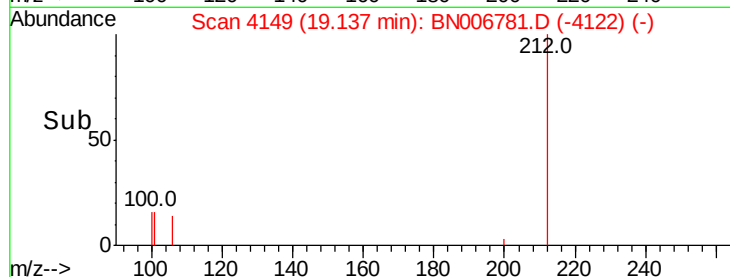
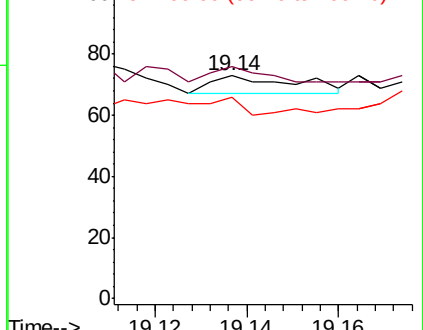
100 90.4 0.0 29.9#



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: 0.003 ng/ul

RT: 22.79 min Scan# 5227

Delta R.T. -0.06 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

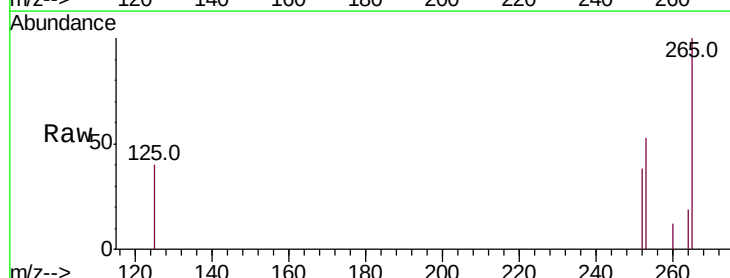
Tgt Ion:252 Resp: 151

Ion Ratio Lower Upper

252 100

253 139.4 0.0 47.8#

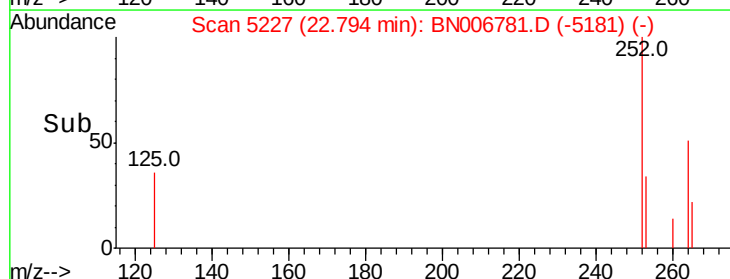
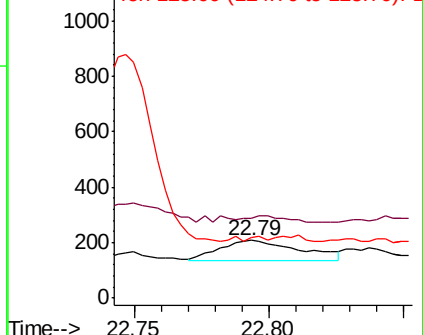
125 104.8 0.0 29.2#

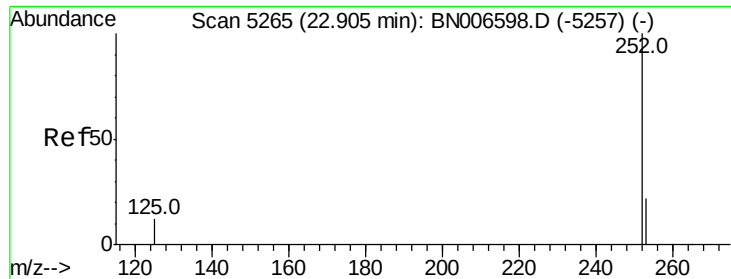


Abundance Ion 252.00 (251.70 to 252.70): E

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: 22.84 min Scan# 5242

Delta R.T. -0.07 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

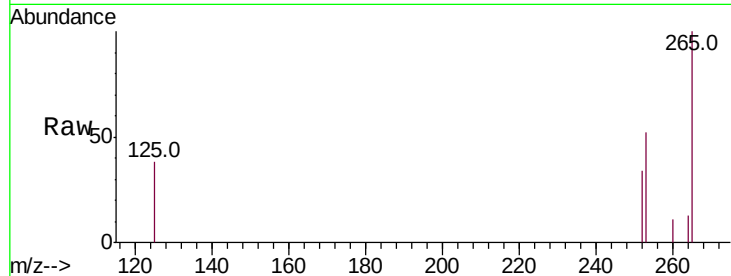
Tot Ion:252 Resp: 74

Ion Ratio Lower Upper

252 100

253 153.0 19.2 28.8#

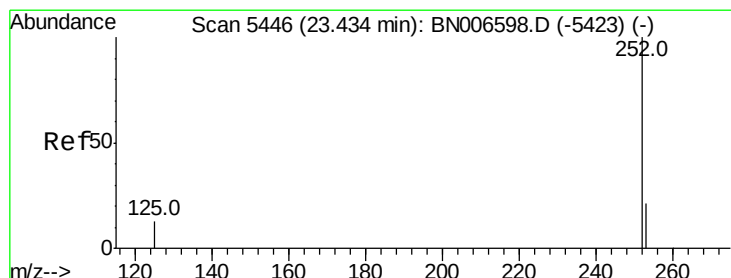
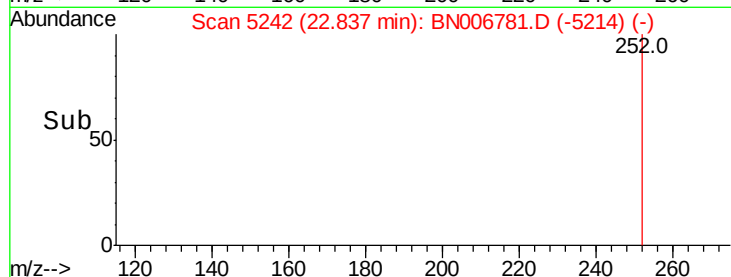
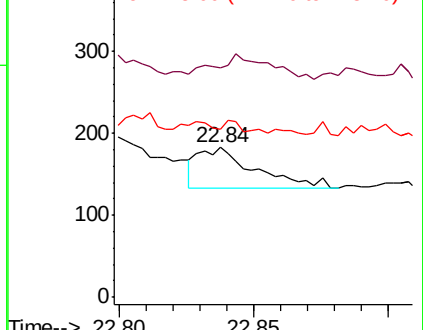
125 112.0 11.0 16.6#



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: 0.049 ng/ul

RT: 23.29 min Scan# 5397

Delta R.T. -0.14 min

Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

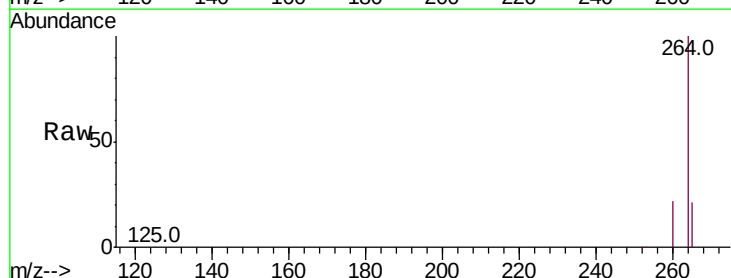
Tgt Ion:252 Resp: 2750

Ion Ratio Lower Upper

252 100

253 43.9 19.4 29.2#

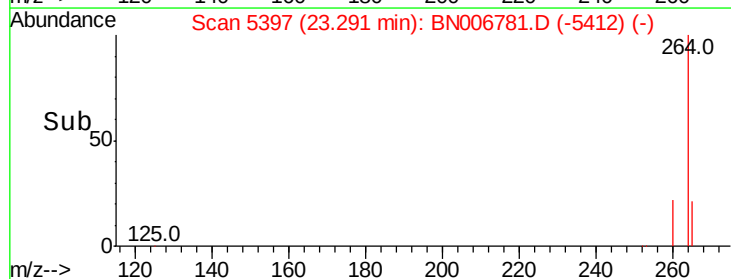
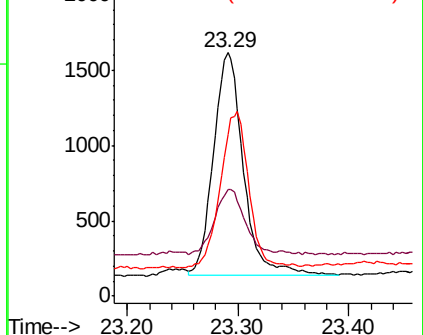
125 66.3 12.6 19.0#

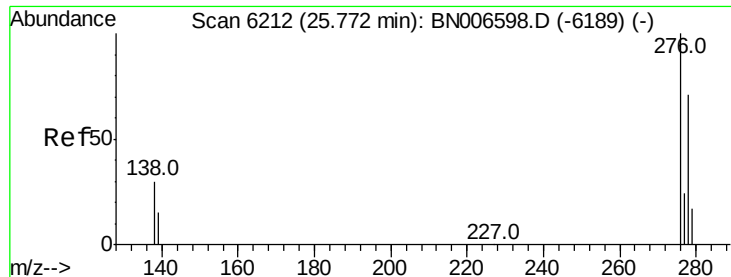


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



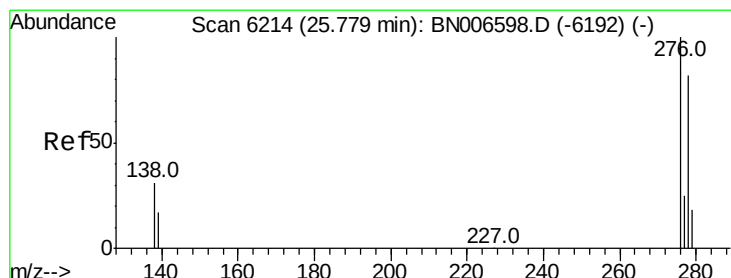
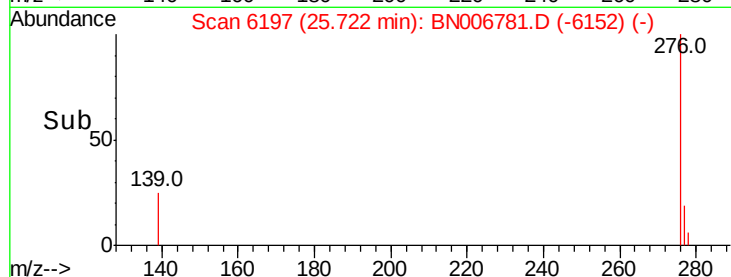
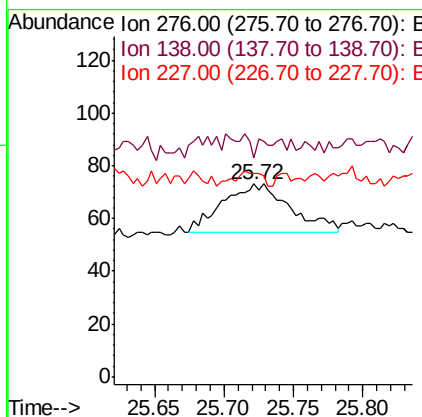
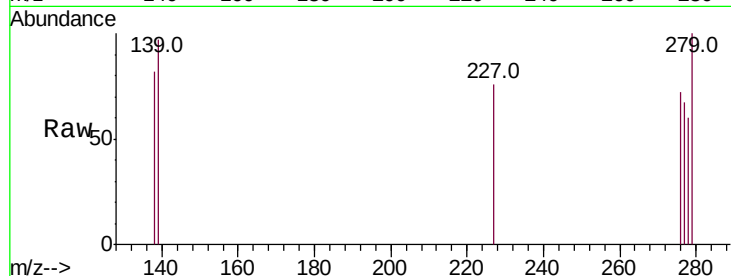


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.05 min
Lab File: BN006781.D
Acq: 10 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :

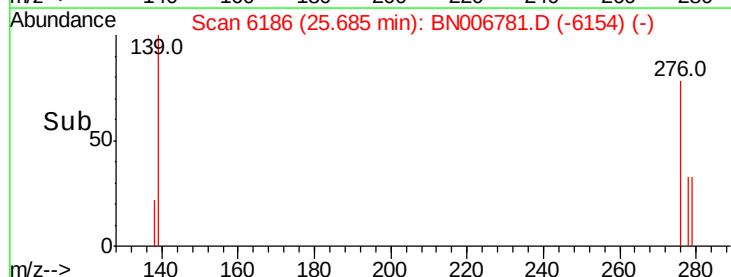
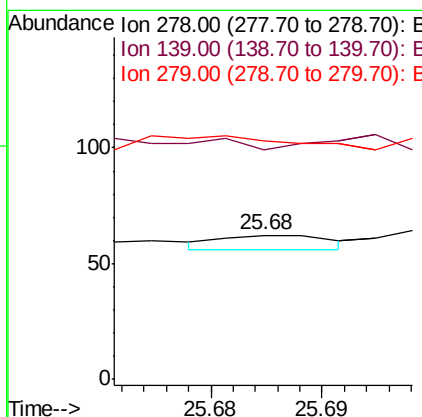
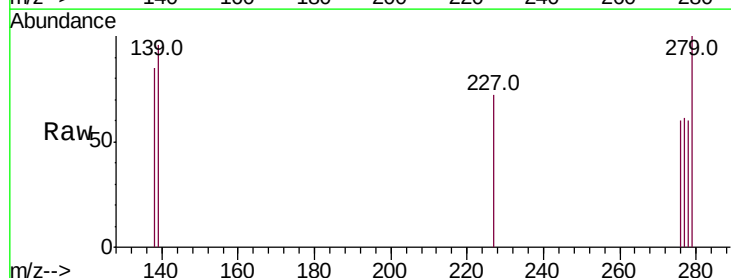
Tot Ion:276 Resp: 60
Ion Ratio Lower Upper
276 100
138 18.3 24.3 36.5#
227 13.3 0.2 0.4#

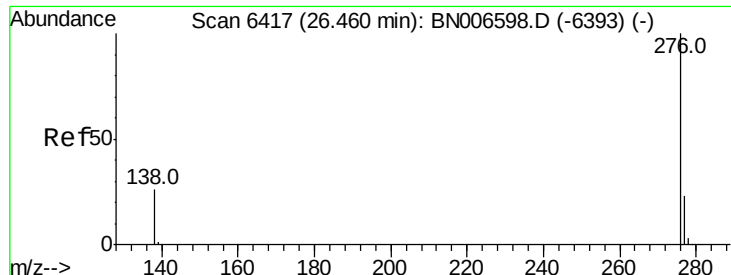


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.68 min Scan# 6186
Delta R.T. -0.09 min
Lab File: BN006781.D
Acq: 10 Jul 2019 21:44

Tgt Ion:278 Resp: 4
Ion Ratio Lower Upper
278 100
139 159.7 18.1 27.1#
279 166.1 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.002 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. -0.06 min

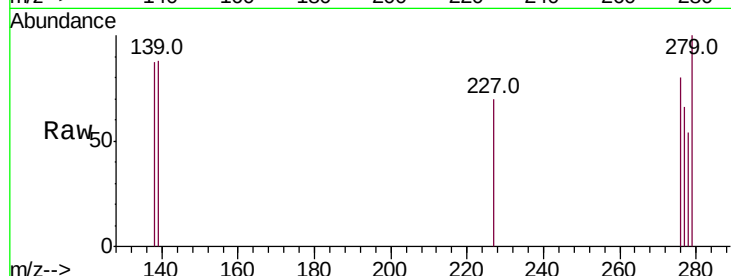
Lab File: BN006781.D

Acq: 10 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :



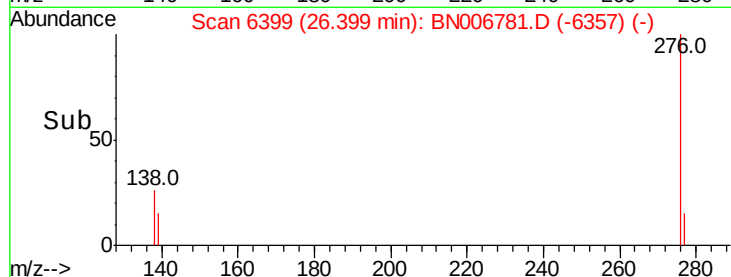
Tot Ion:276 Resp: 97

Ion Ratio Lower Upper

276 100

138 108.6 22.2 33.2#

277 82.7 19.5 29.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

