

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062719\
 Data File : BN006596.D
 Acq On : 27 Jun 2019 11:11
 Operator : HP/JU
 Sample : SSTD0.113
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 14:20:50 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 14:04:30 2019
 Response via : Initial Calibration

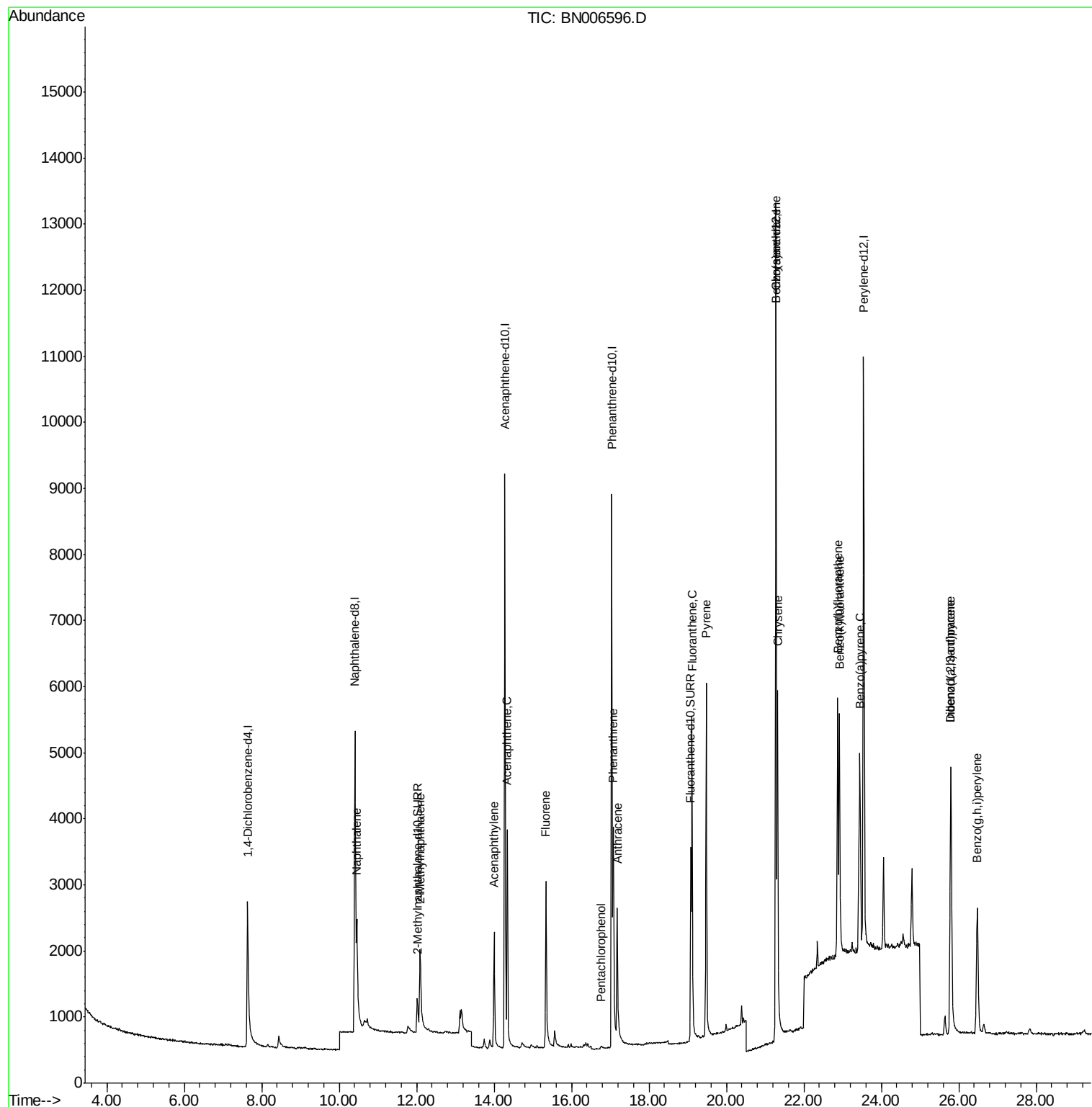
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	8704	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	5280	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	11942	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	11119	0.40	ng/ul	0.01
20) Perylene-d12	23.54	264	12302	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1299	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	3452	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	2509	0.104	ng/ul#	90
5) 2-Methylnaphthalene	12.09	142	1637	0.098	ng/ul	99
7) Acenaphthylene	14.00	152	2608	0.089	ng/ul	94
8) Acenaphthene	14.34	153	2038	0.100	ng/ul	98
9) Fluorene	15.34	166	2175	0.091	ng/ul#	98
11) Pentachlorophenol	16.76	266	97	0.032	ng/ul#	63
12) Phenanthrene	17.08	178	3720	0.097	ng/ul	96
13) Anthracene	17.18	178	3038	0.083	ng/ul#	94
15) Fluoranthene	19.11	202	4751	0.112	ng/ul	98
17) Pyrene	19.48	202	5142	0.088	ng/ul	99
18) Benzo(a)anthracene	21.27	228	4511	0.092	ng/ul	96
19) Chrysene	21.32	228	5273	0.114	ng/ul	96
21) Benzo(b)fluoranthene	22.88	252	4832	0.094	ng/ul	82
22) Benzo(k)fluoranthene	22.92	252	5189	0.104	ng/ul#	82
23) Benzo(a)pyrene	23.45	252	4952	0.104	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.79	276	4902	0.095	ng/ul	98
25) Dibenzo(a,h)anthracene	25.80	278	3890	0.094	ng/ul#	85
26) Benzo(g,h,i)perylene	26.48	276	4141	0.096	ng/ul#	89

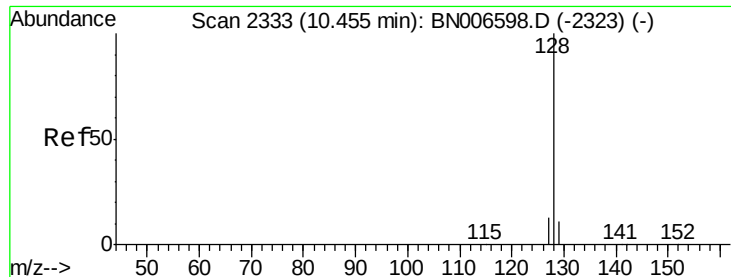
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 27 14:20:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
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#3

Naphthalene

Concen: 0.104 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

Instrument :

BNA_N

ClientSampleId :

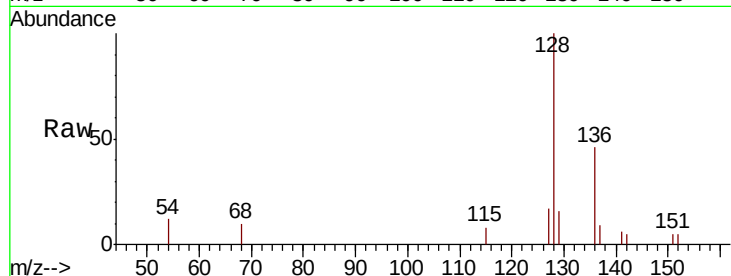
Tot Ion:128 Resp: 2509

Ion Ratio Lower Upper

128 100

129 16.0 9.4 14.0#

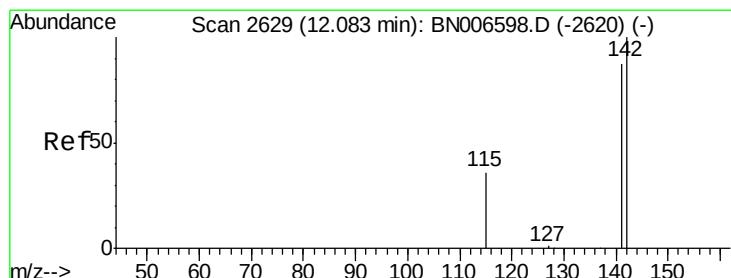
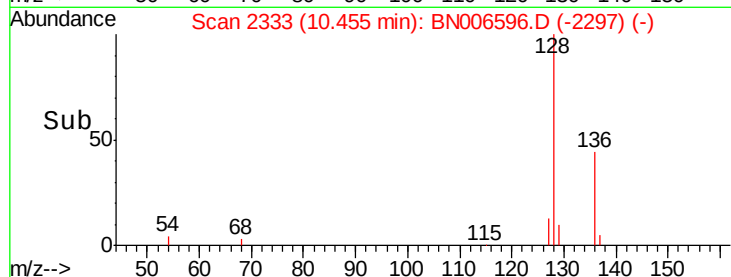
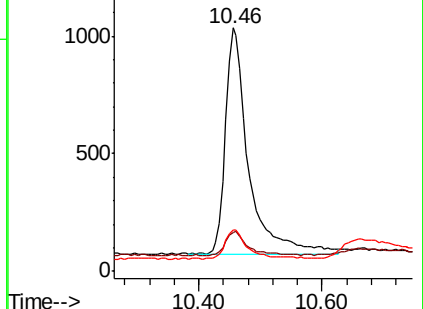
127 17.1 10.6 16.0#



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: 0.098 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BN006596.D

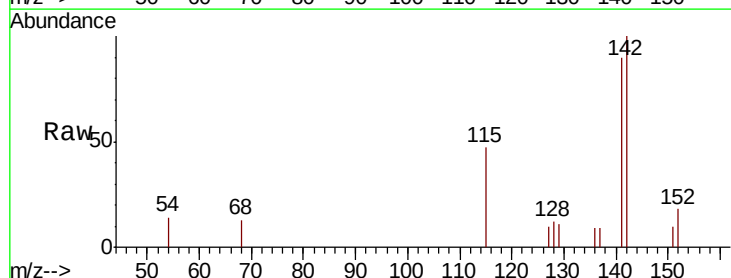
Acq: 27 Jun 2019 11:11

Tgt Ion:142 Resp: 1637

Ion Ratio Lower Upper

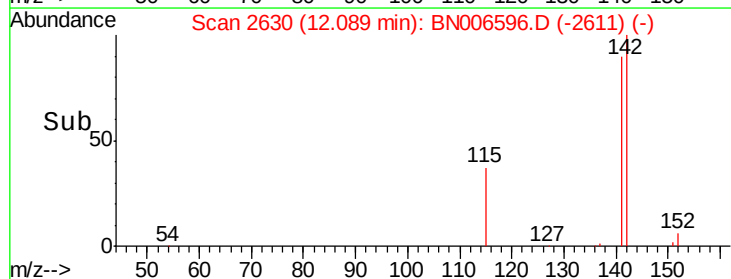
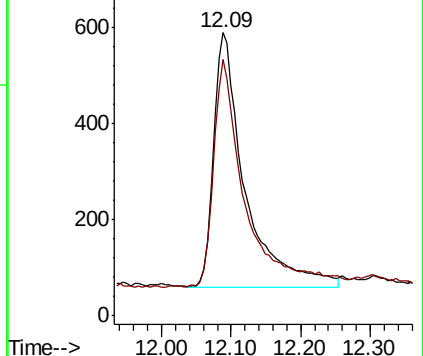
142 100

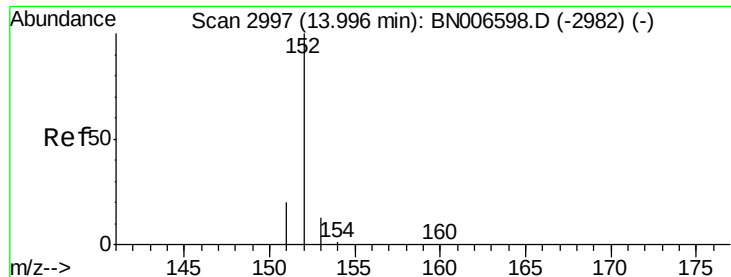
141 90.3 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

Instrument :

BNA_N

ClientSampleId :

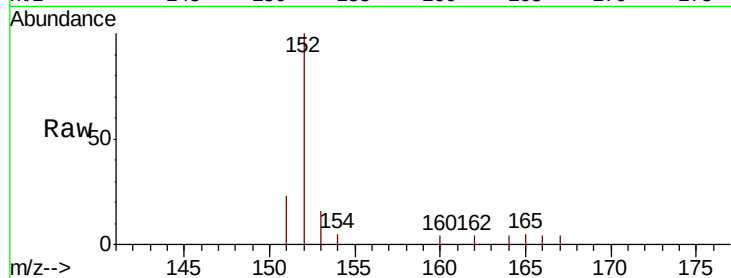
Tot Ion:152 Resp: 2608

Ion Ratio Lower Upper

152 100

151 22.8 16.1 24.1

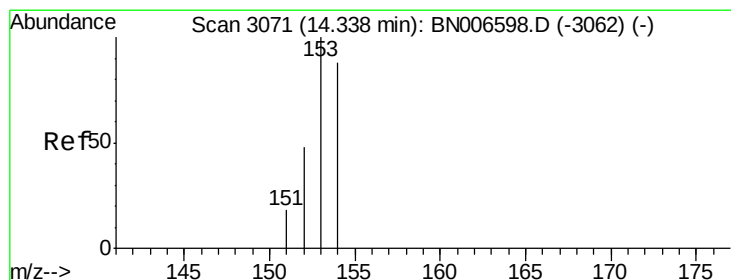
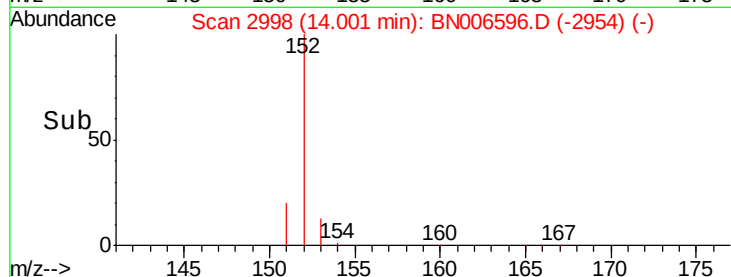
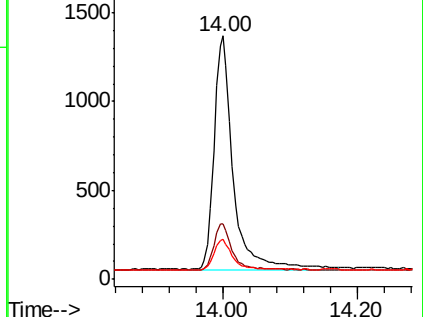
153 16.3 11.2 16.8



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: 0.100 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

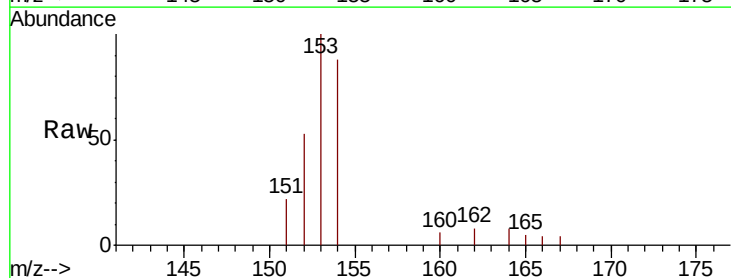
Tgt Ion:153 Resp: 2038

Ion Ratio Lower Upper

153 100

152 52.6 39.3 58.9

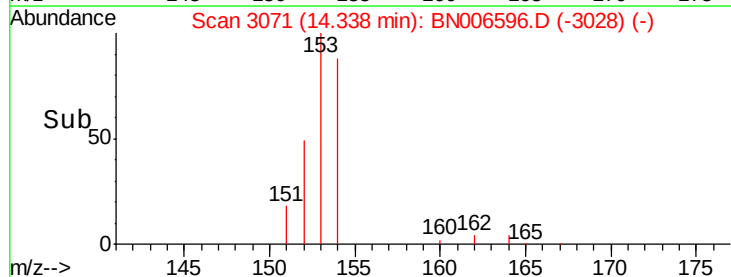
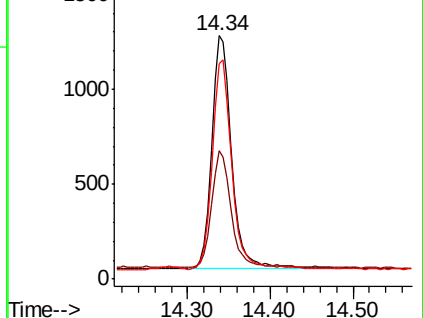
154 88.5 70.6 105.8

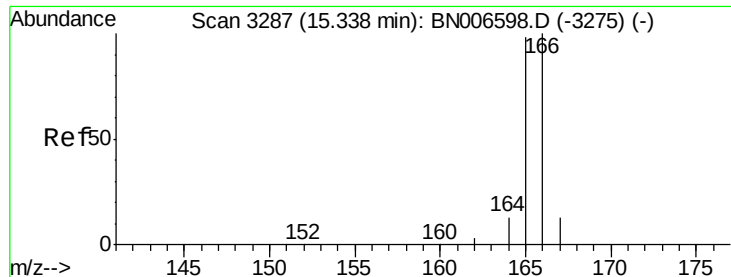


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

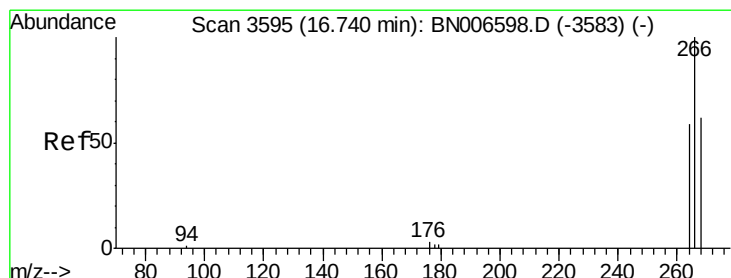
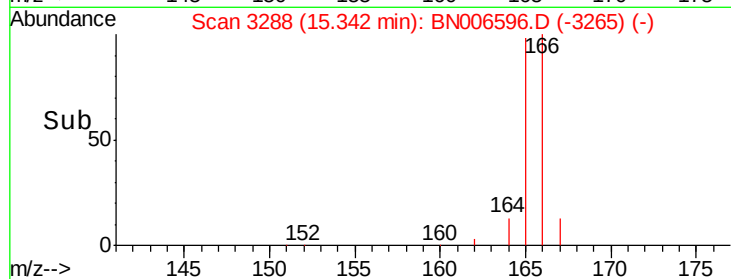
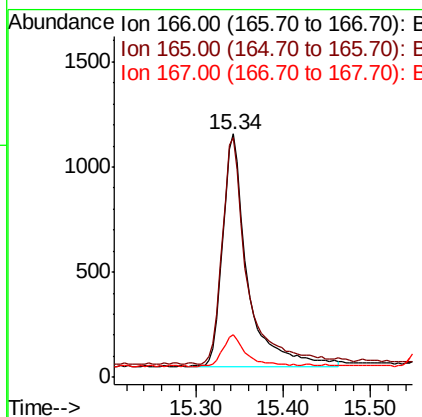
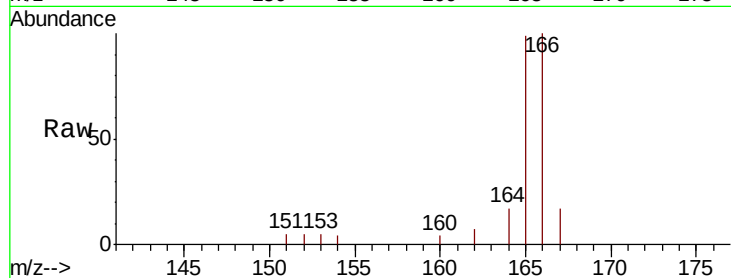




#9
Fluorene
 Concen: 0.091 ng/ul
 RT: 15.34 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BN006596.D
 Acq: 27 Jun 2019 11:11

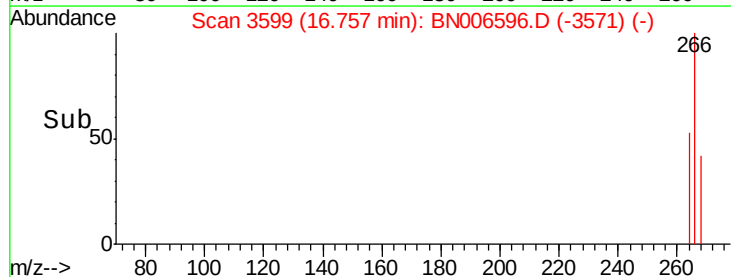
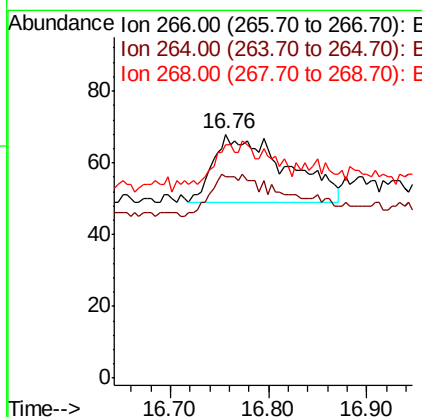
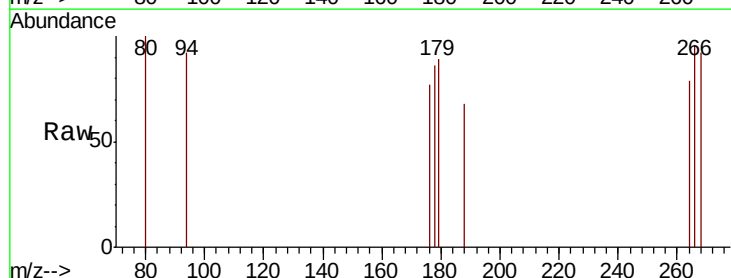
Instrument :
 BNA_N
 ClientSampleId :

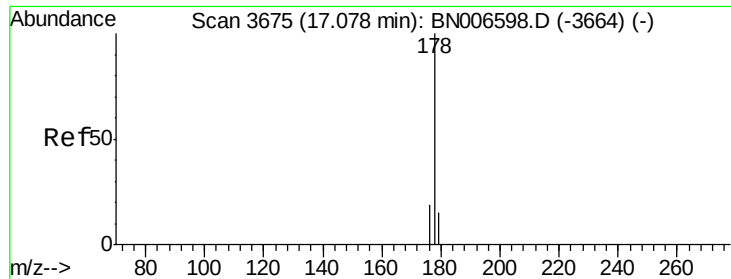
Tot Ion:166 Resp: 2175
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 17.3 11.3 16.9#



#11
Pentachlorophenol
 Concen: 0.032 ng/ul
 RT: 16.76 min Scan# 3599
 Delta R.T. 0.02 min
 Lab File: BN006596.D
 Acq: 27 Jun 2019 11:11

Tgt Ion:266 Resp: 97
 Ion Ratio Lower Upper
 266 100
 264 71.1 45.9 68.9#
 268 18.6 48.1 72.1#





#12

Phenanthrene

Concen: 0.097 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

Instrument :

BNA_N

ClientSampleId :

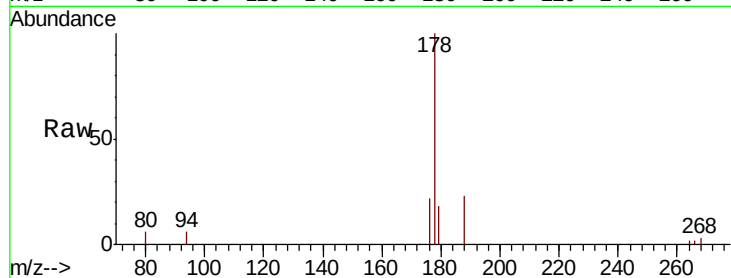
Tot Ion:178 Resp: 3720

Ion Ratio Lower Upper

178 100

179 17.7 12.6 19.0

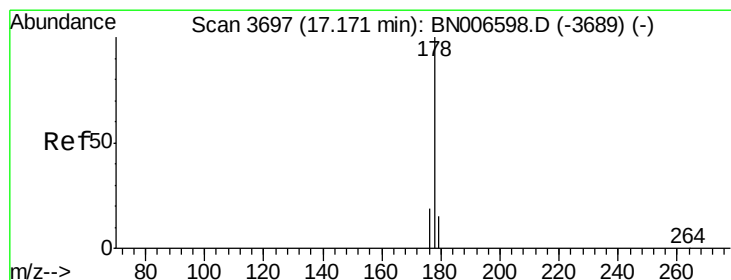
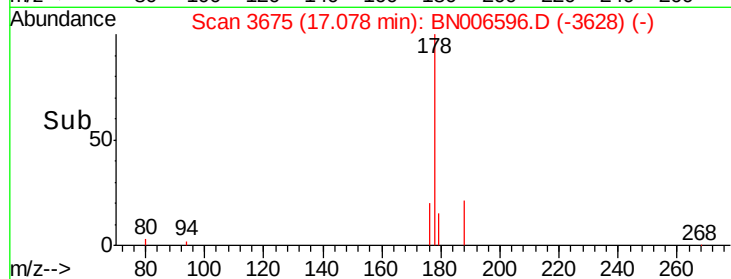
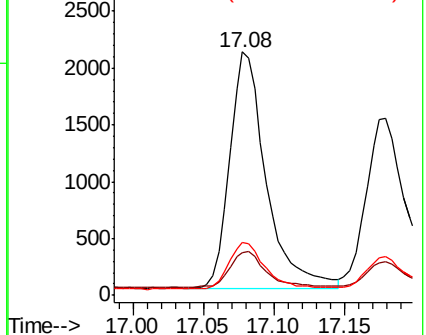
176 21.8 15.8 23.8



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: 0.083 ng/ul

RT: 17.18 min Scan# 3699

Delta R.T. 0.01 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

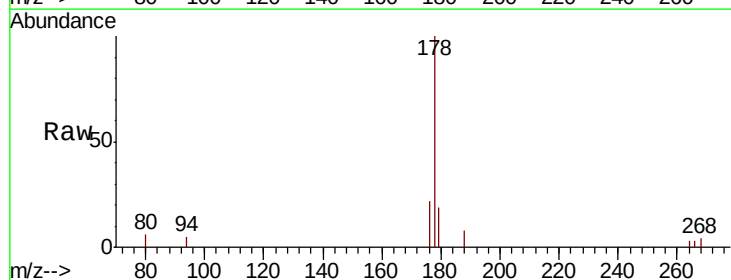
Tgt Ion:178 Resp: 3038

Ion Ratio Lower Upper

178 100

179 19.3 12.7 19.1#

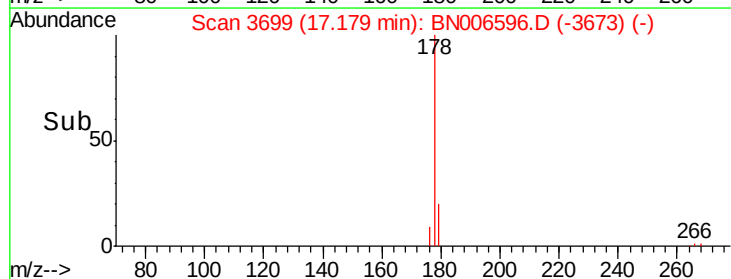
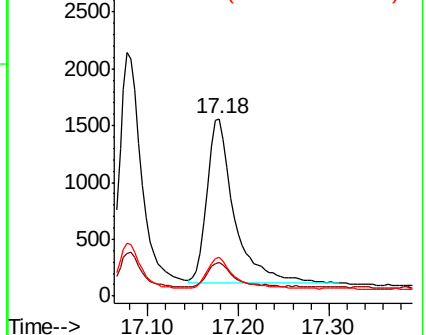
176 21.6 15.8 23.6

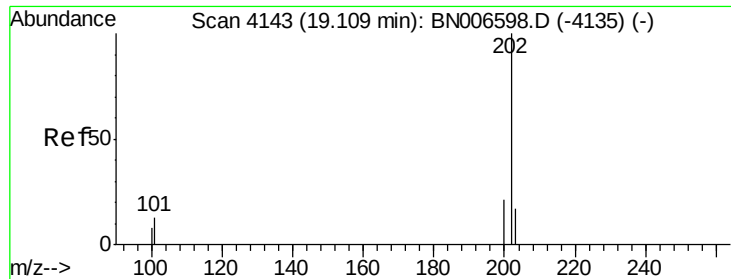


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.112 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. 0.00 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

Instrument :

BNA_N

ClientSampleId :

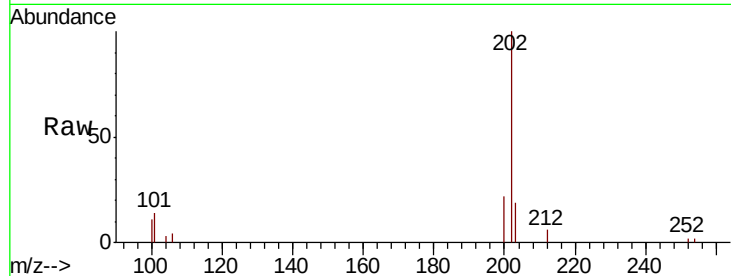
Tot Ion:202 Resp: 4751

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

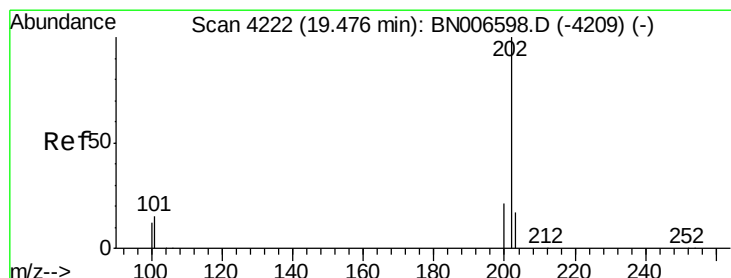
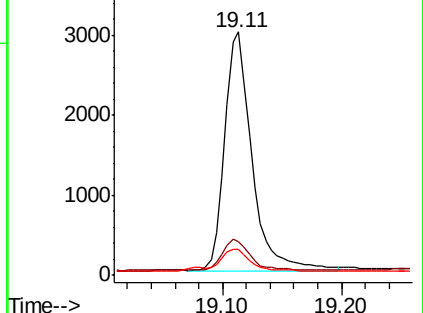
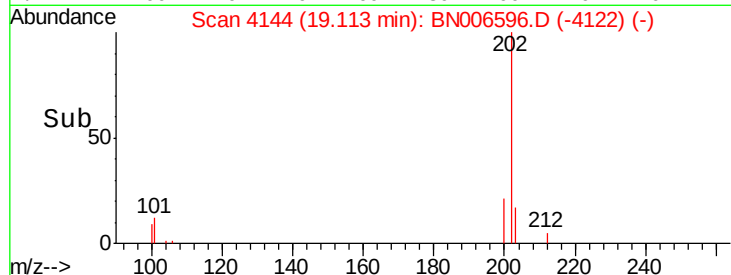
100 10.5 0.0 29.9



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



#17

Pyrene

Concen: 0.088 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. 0.00 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

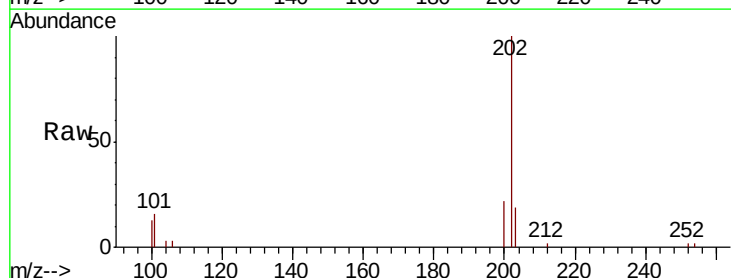
Tgt Ion:202 Resp: 5142

Ion Ratio Lower Upper

202 100

101 15.8 12.2 18.2

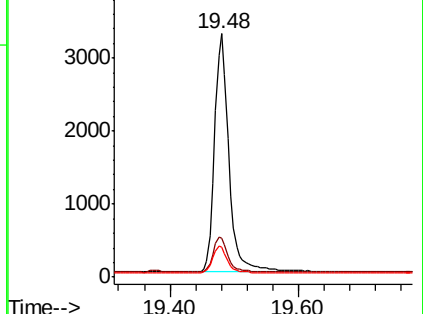
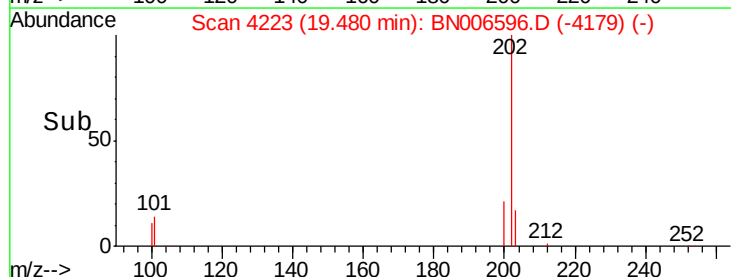
100 12.5 9.8 14.8

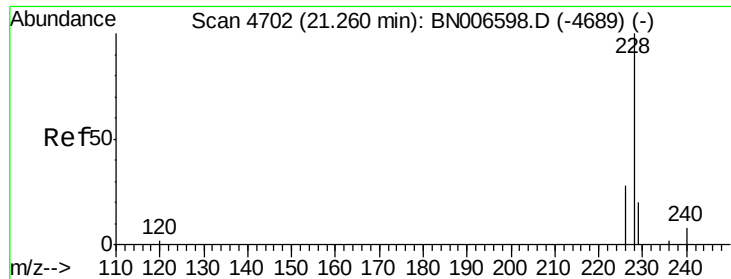


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

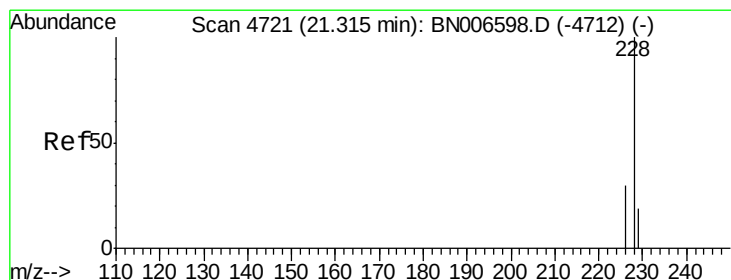
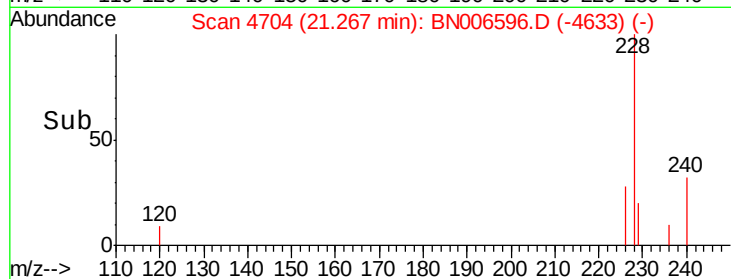
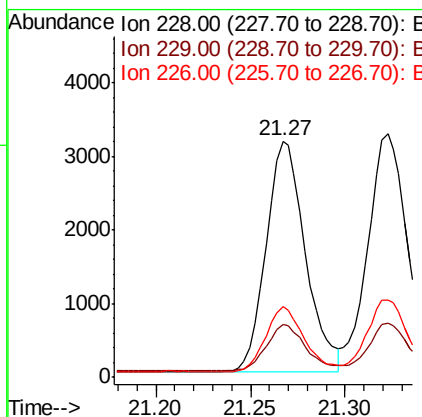
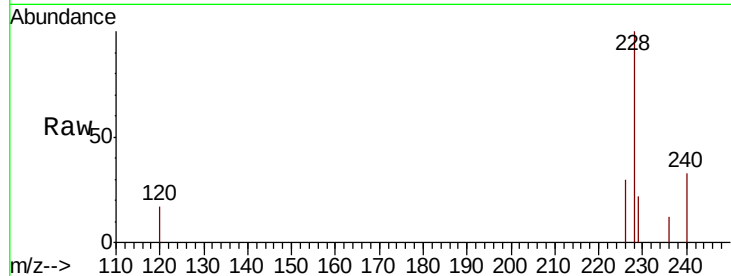




#18
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BN006596.D
Acq: 27 Jun 2019 11:11

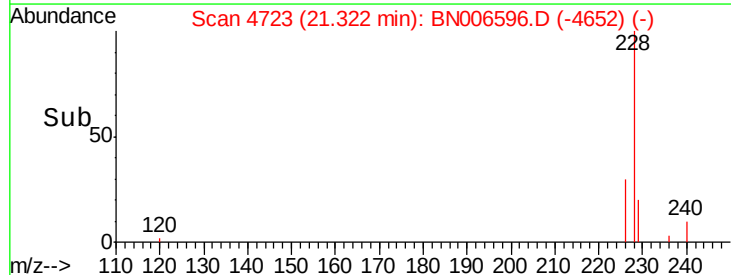
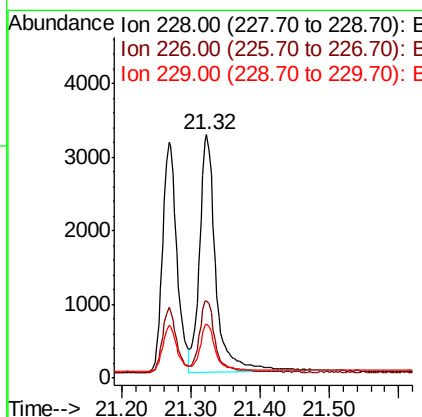
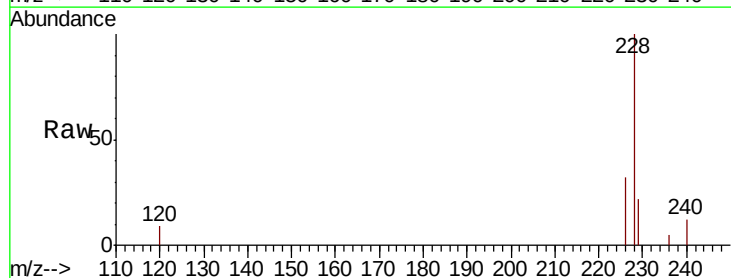
Instrument :
BNA_N
ClientSampleId :

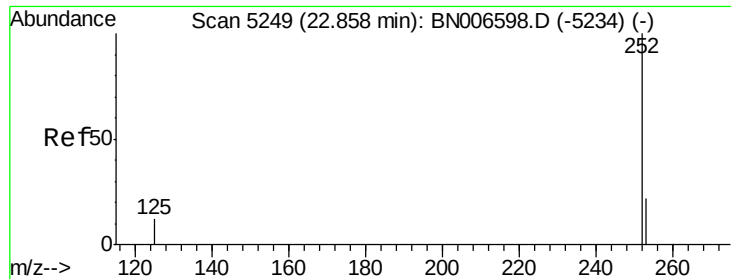
Tot Ion:228 Resp: 4511
Ion Ratio Lower Upper
228 100
229 22.2 15.9 23.9
226 29.9 22.6 34.0



#19
Chrysene
Concen: 0.114 ng/ul
RT: 21.32 min Scan# 4723
Delta R.T. 0.01 min
Lab File: BN006596.D
Acq: 27 Jun 2019 11:11

Tgt Ion:228 Resp: 5273
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.4
229 22.2 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.094 ng/ul

RT: 22.88 min Scan# 5255

Delta R.T. 0.02 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

Instrument :

BNA_N

ClientSampleId :

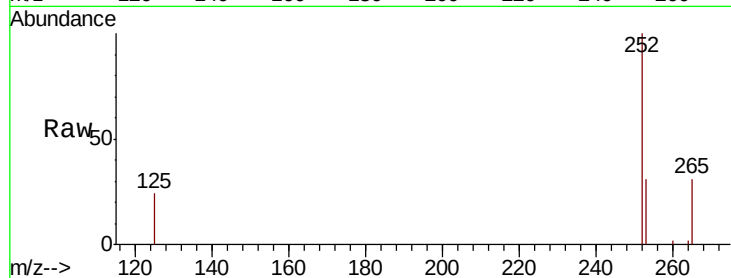
Tot Ion:252 Resp: 4832

Ion Ratio Lower Upper

252 100

253 31.4 0.0 47.8

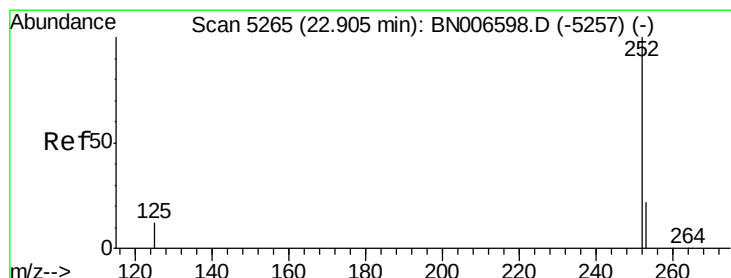
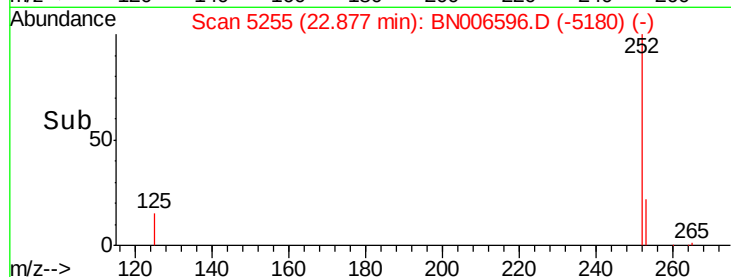
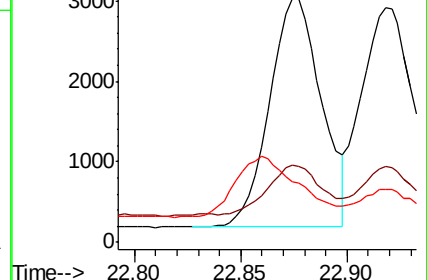
125 24.3 0.0 29.2



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: 0.104 ng/ul

RT: 22.92 min Scan# 5269

Delta R.T. 0.01 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

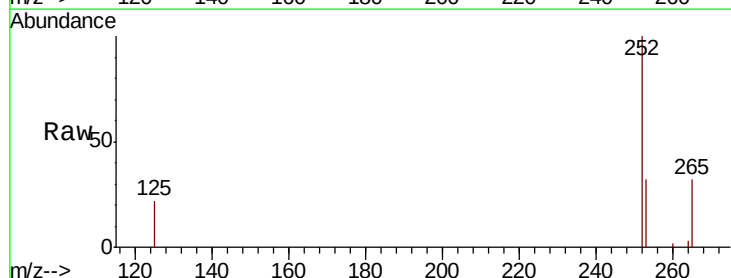
Tgt Ion:252 Resp: 5189

Ion Ratio Lower Upper

252 100

253 32.3 19.2 28.8#

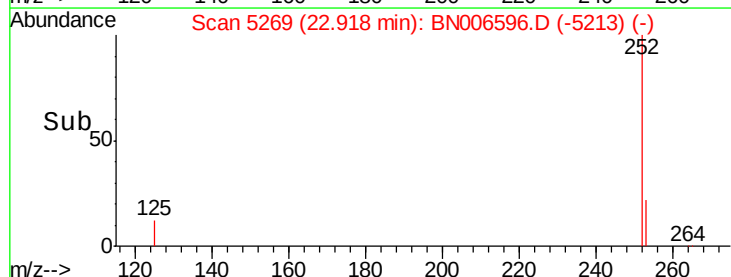
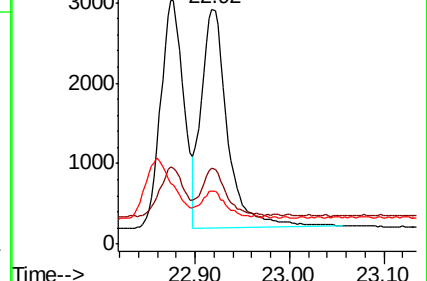
125 22.3 11.0 16.6#

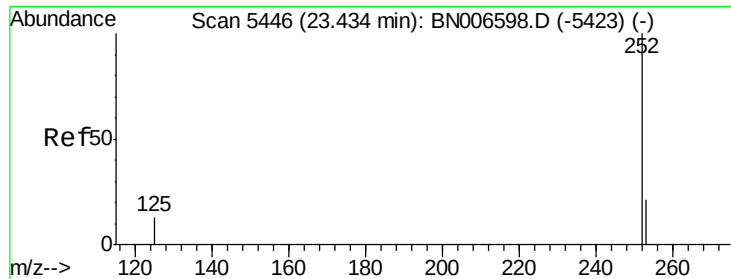


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.104 ng/ul

RT: 23.45 min Scan# 5450

Delta R.T. 0.01 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

Instrument :

BNA_N

ClientSampleId :

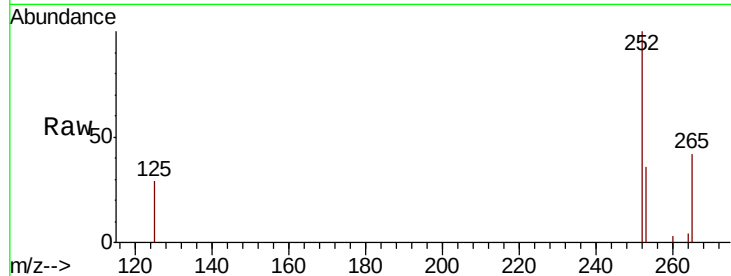
Tot Ion:252 Resp: 4952

Ion Ratio Lower Upper

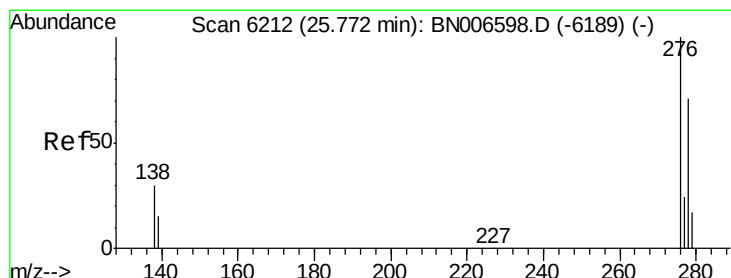
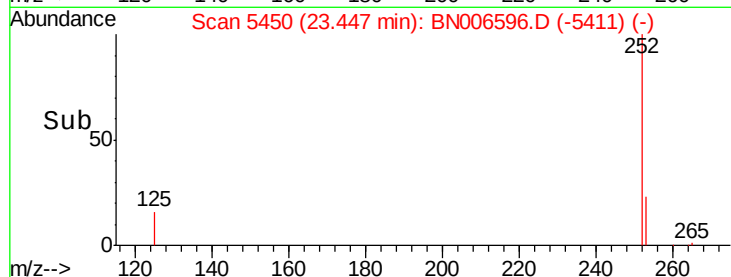
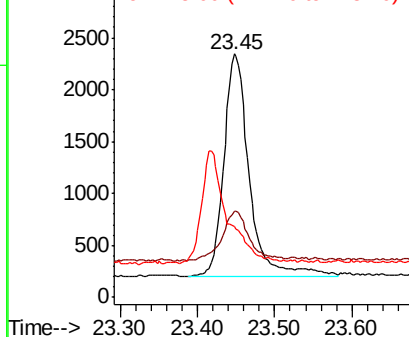
252 100

253 35.6 19.4 29.2#

125 29.1 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: 0.095 ng/ul

RT: 25.79 min Scan# 6218

Delta R.T. 0.02 min

Lab File: BN006596.D

Acq: 27 Jun 2019 11:11

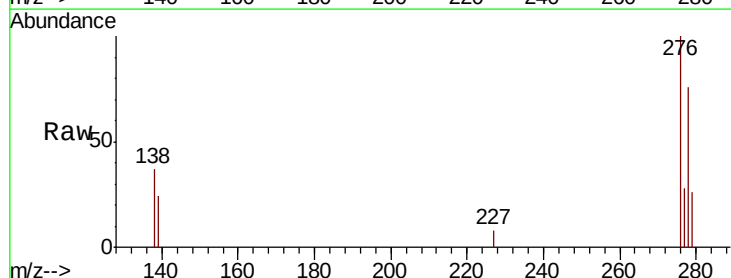
Tgt Ion:276 Resp: 4902

Ion Ratio Lower Upper

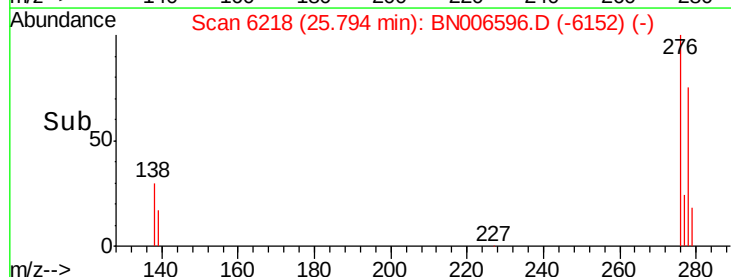
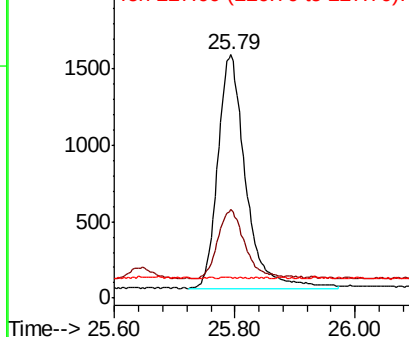
276 100

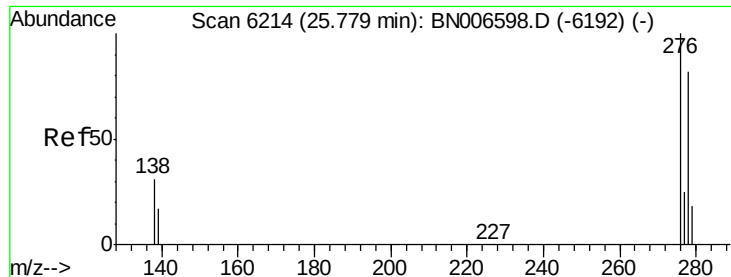
138 29.3 24.3 36.5

227 0.2 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

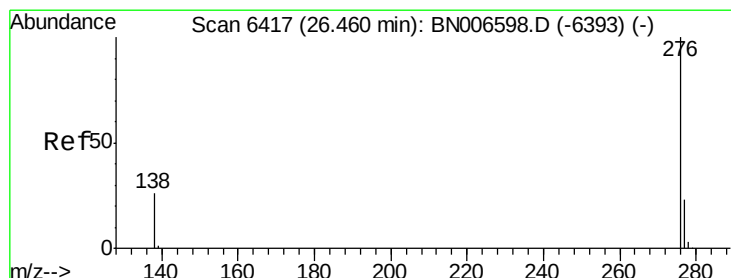
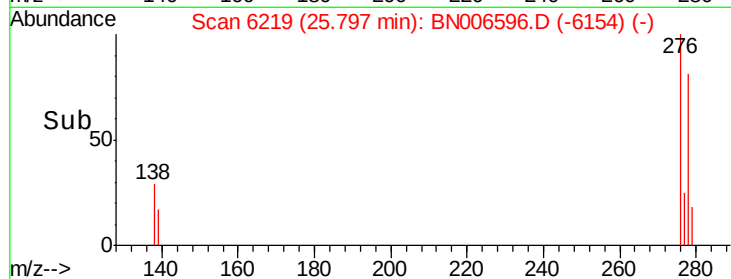
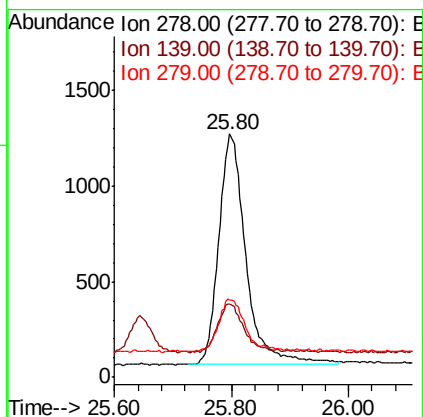
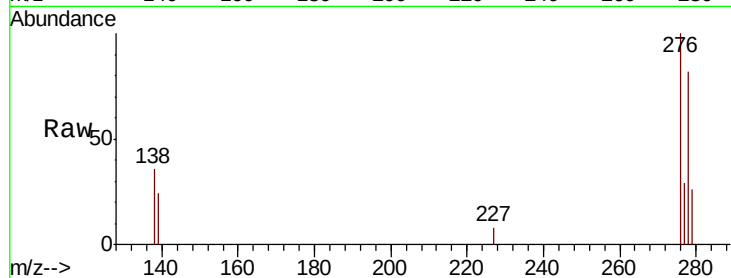




#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 25.80 min Scan# 6219
Delta R.T. 0.02 min
Lab File: BN006596.D
Acq: 27 Jun 2019 11:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 3890
Ion Ratio Lower Upper
278 100
139 29.9 18.1 27.1#
279 31.7 19.8 29.6#



#26
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 26.48 min Scan# 6422
Delta R.T. 0.02 min
Lab File: BN006596.D
Acq: 27 Jun 2019 11:11

Tgt Ion:276 Resp: 4141
Ion Ratio Lower Upper
276 100
138 34.3 22.2 33.2#
277 28.5 19.5 29.3

