

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062719\
 Data File : BN006597.D
 Acq On : 27 Jun 2019 11:45
 Operator : HP/JU
 Sample : SSTD0.214
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 14:20:58 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

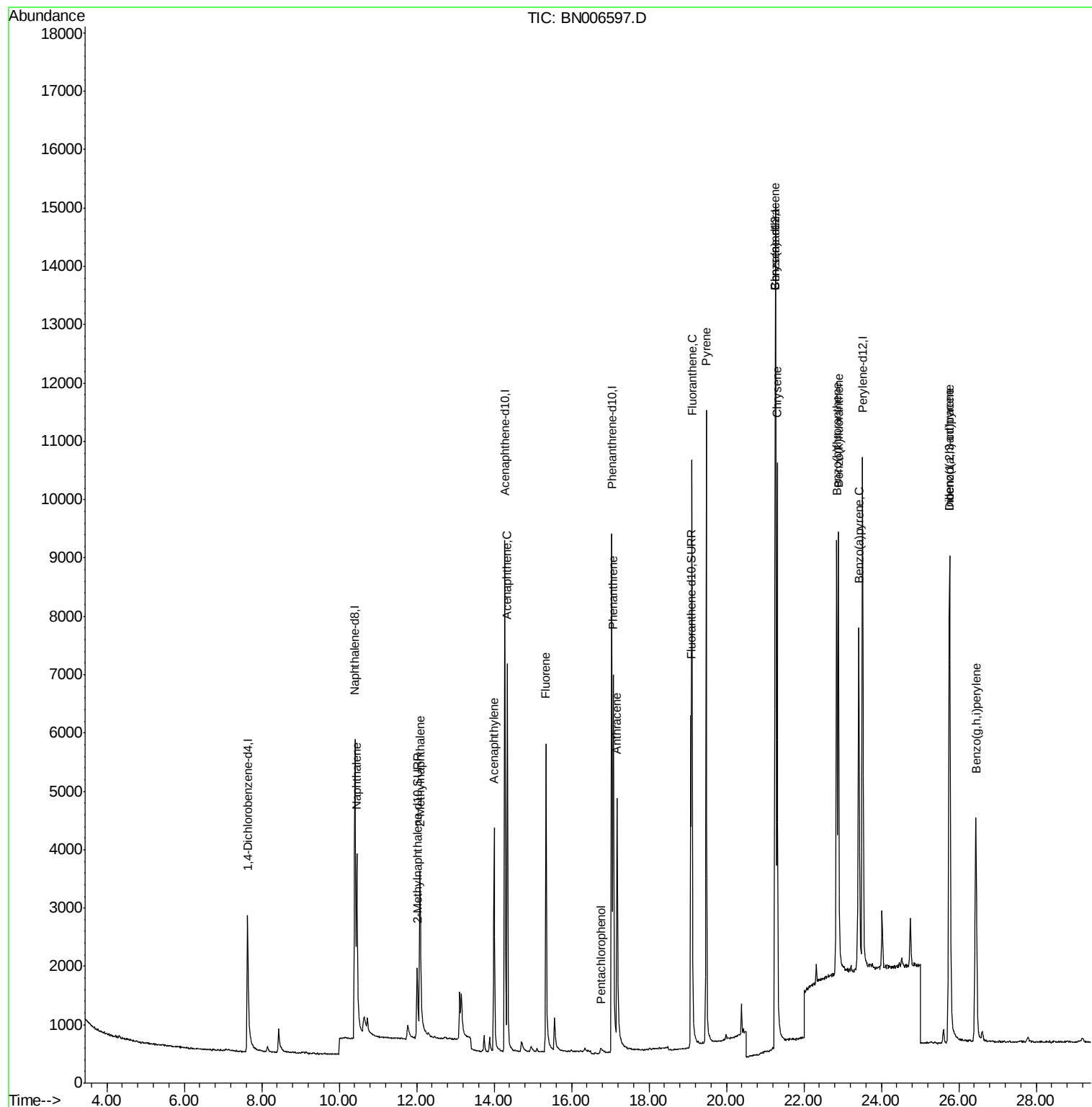
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2194	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	9165	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	5375	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	12107	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11234	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	12446	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2695	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	6817	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	5130	0.203	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	3384	0.192	ng/ul	99
7) Acenaphthylene	14.00	152	5246	0.176	ng/ul	98
8) Acenaphthene	14.34	153	4107	0.198	ng/ul	99
9) Fluorene	15.34	166	4413	0.182	ng/ul	98
11) Pentachlorophenol	16.76	266	274	0.089	ng/ul#	83
12) Phenanthrene	17.08	178	7407	0.191	ng/ul	98
13) Anthracene	17.17	178	6152	0.166	ng/ul	98
15) Fluoranthene	19.11	202	9330	0.217	ng/ul	98
17) Pyrene	19.48	202	9881	0.167	ng/ul	99
18) Benzo(a)anthracene	21.25	228	8838	0.178	ng/ul	98
19) Chrysene	21.31	228	10191	0.218	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	9684	0.187	ng/ul	94
22) Benzo(k)fluoranthene	22.89	252	10076	0.199	ng/ul	95
23) Benzo(a)pyrene	23.42	252	9569	0.198	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.76	276	9690	0.185	ng/ul	99
25) Dibenzo(a,h)anthracene	25.76	278	7701	0.184	ng/ul	93
26) Benzo(g,h,i)perylene	26.44	276	8143	0.186	ng/ul	96

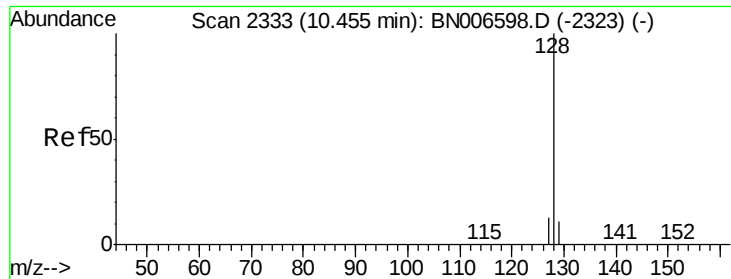
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Jun 27 14:20:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
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#3

Naphthalene

Concen: 0.203 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

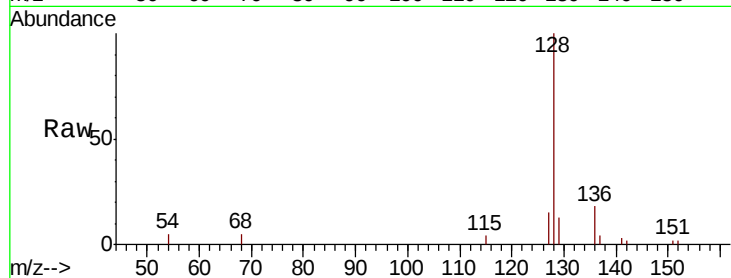
Tot Ion:128 Resp: 5130

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.0

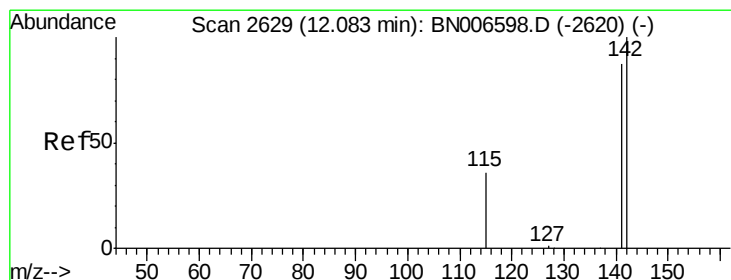
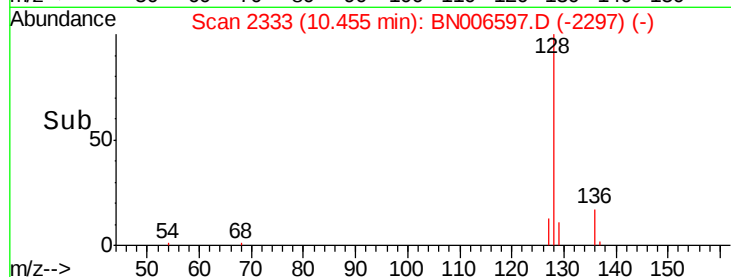
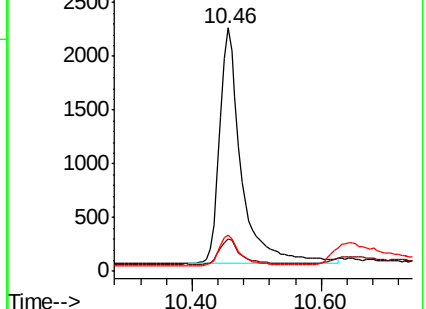
127 14.9 10.6 16.0



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: 0.192 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BN006597.D

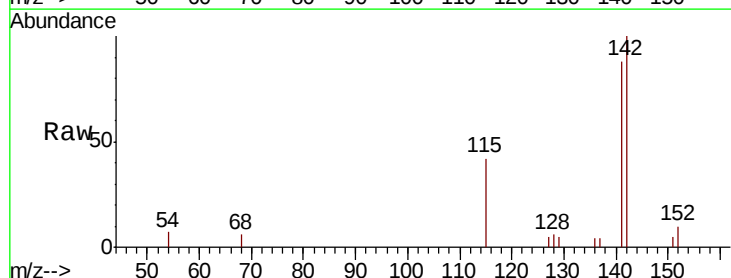
Acq: 27 Jun 2019 11:45

Tgt Ion:142 Resp: 3384

Ion Ratio Lower Upper

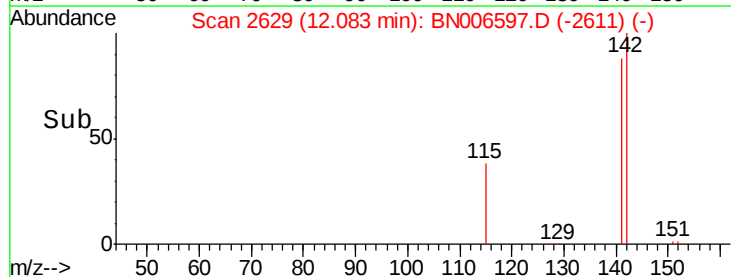
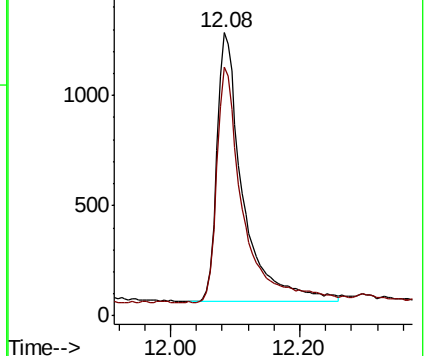
142 100

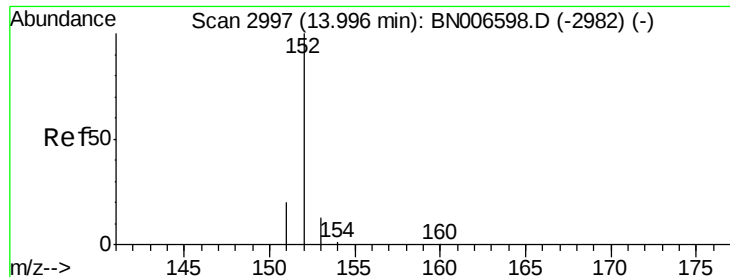
141 88.9 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.176 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

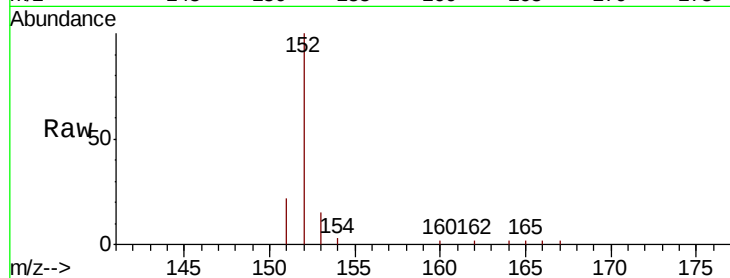
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 5246

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.1	24.1
153	14.5	11.2	16.8

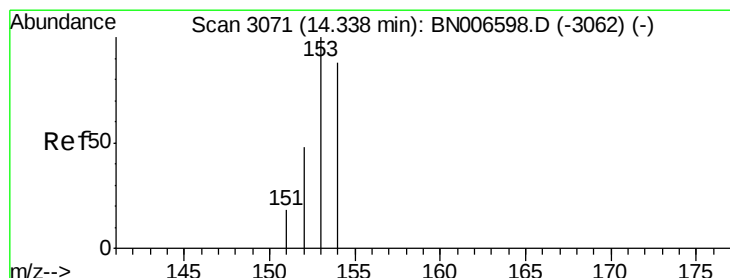
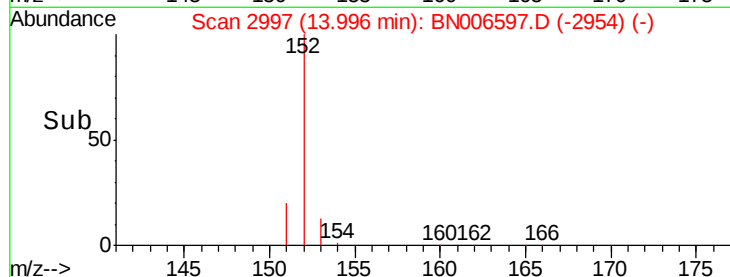
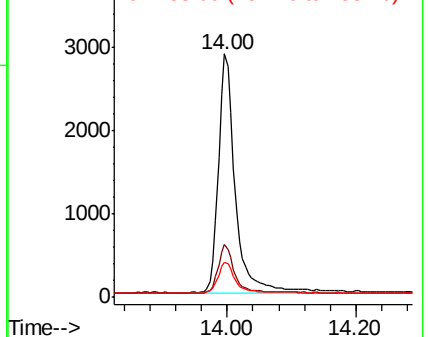


Abundance

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: 0.198 ng/ul

RT: 14.34 min Scan# 3071

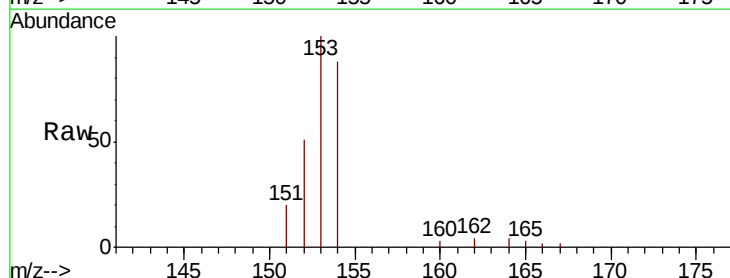
Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Tgt Ion:153 Resp: 4107

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.3	58.9
154	88.0	70.6	105.8

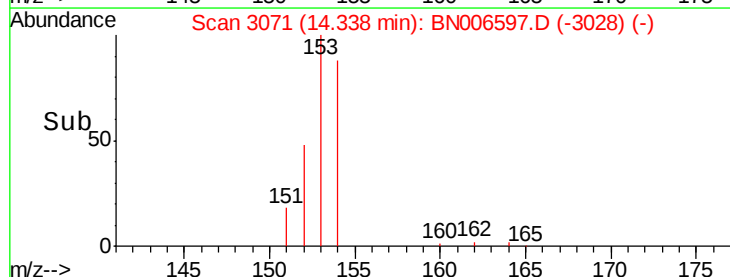
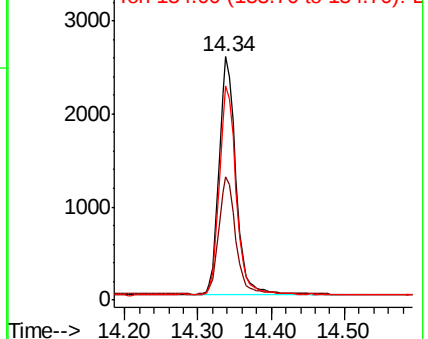


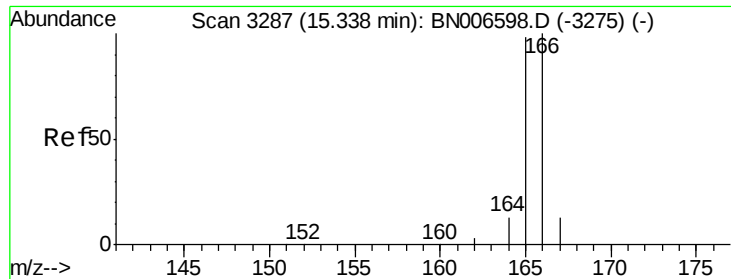
Abundance

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: 0.182 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

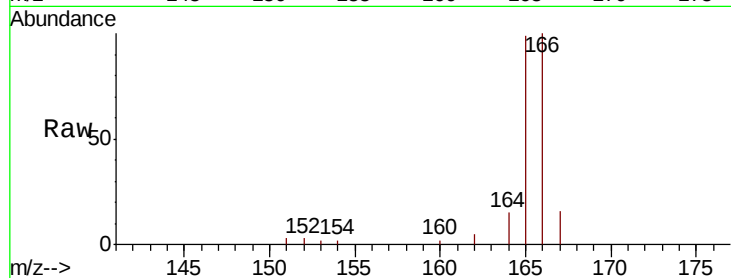
Tot Ion:166 Resp: 4413

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

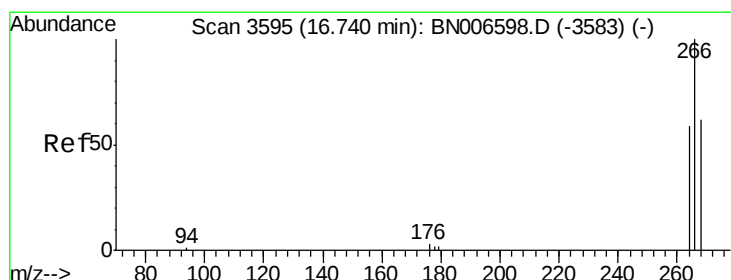
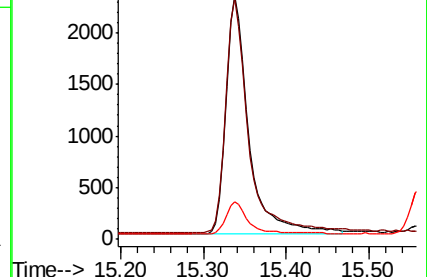
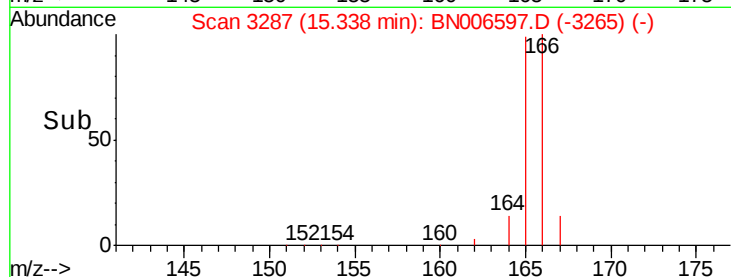
167 15.7 11.3 16.9



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



#11

Pentachlorophenol

Concen: 0.089 ng/ul

RT: 16.76 min Scan# 3599

Delta R.T. 0.02 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

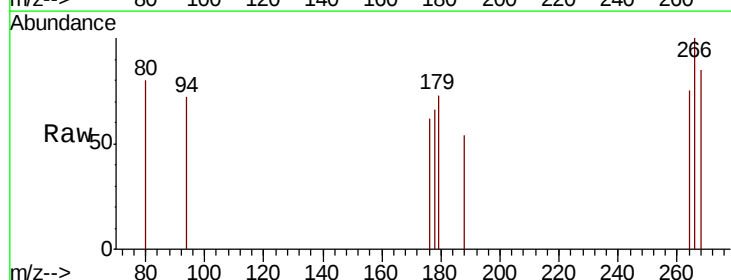
Tgt Ion:266 Resp: 274

Ion Ratio Lower Upper

266 100

264 50.7 45.9 68.9

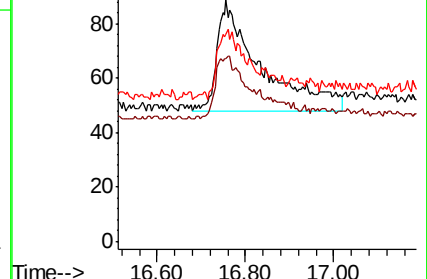
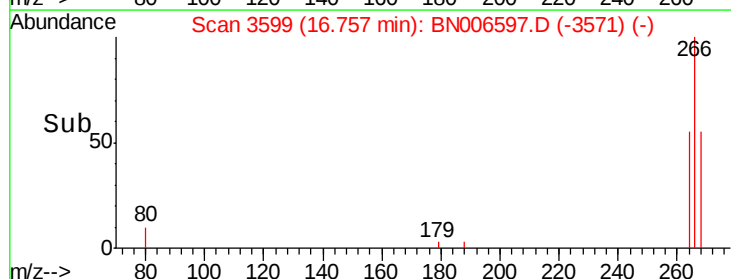
268 41.6 48.1 72.1#

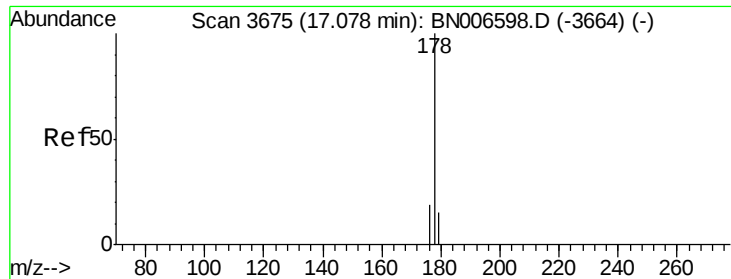


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.191 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

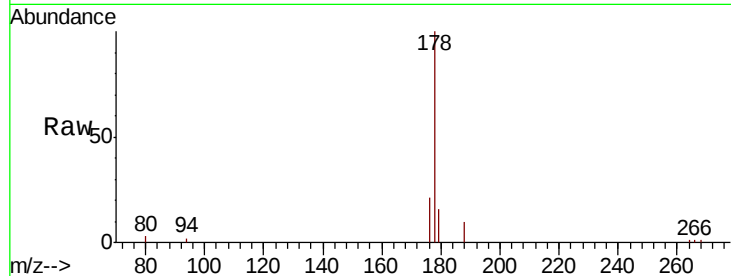
Tot Ion:178 Resp: 7407

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

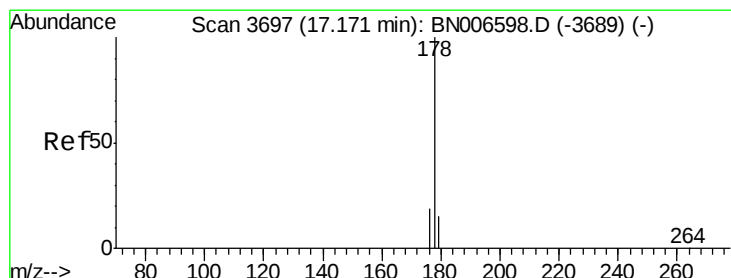
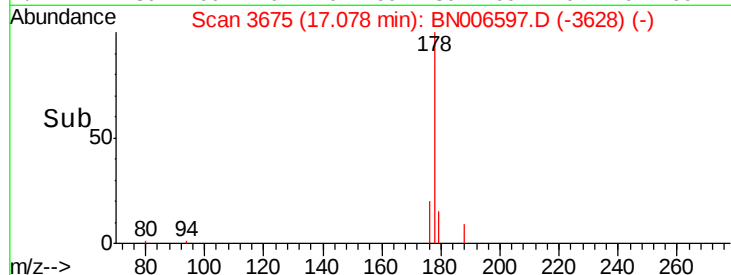
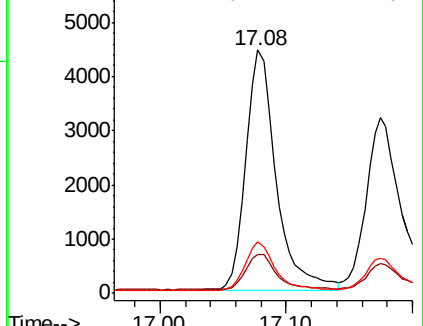
176 20.9 15.8 23.8



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: 0.166 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. 0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

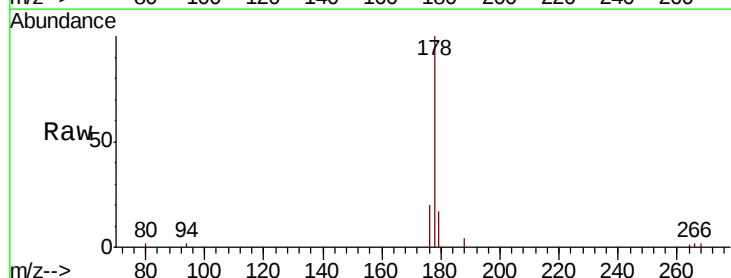
Tgt Ion:178 Resp: 6152

Ion Ratio Lower Upper

178 100

179 16.9 12.7 19.1

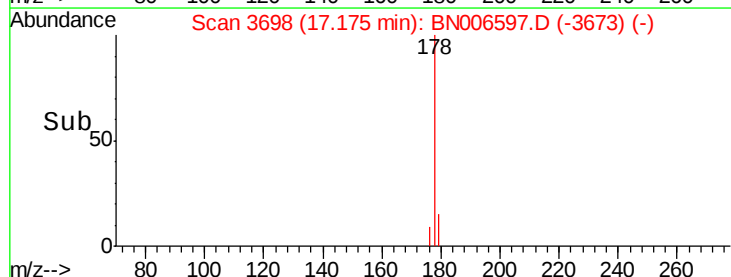
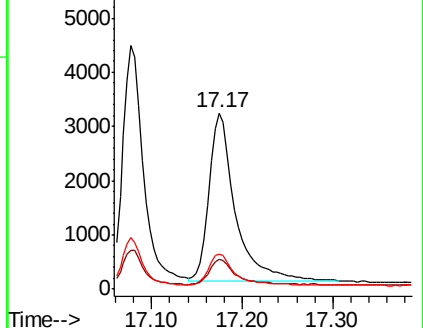
176 20.1 15.8 23.6

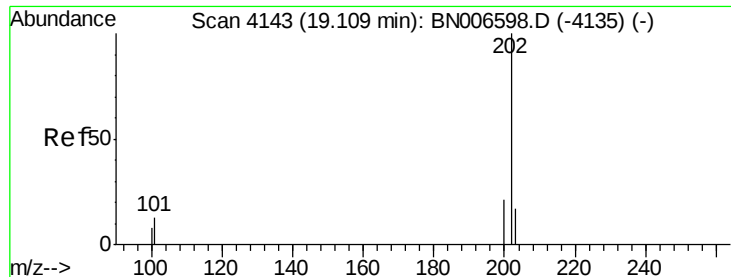


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.217 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

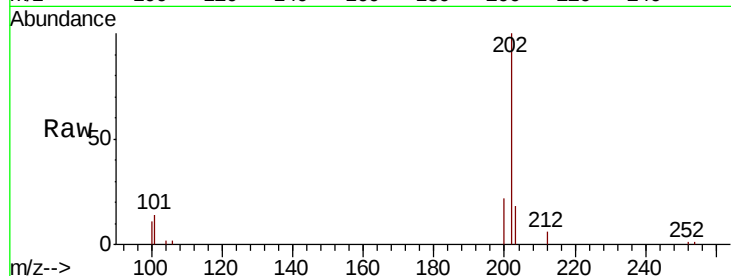
Tot Ion:202 Resp: 9330

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

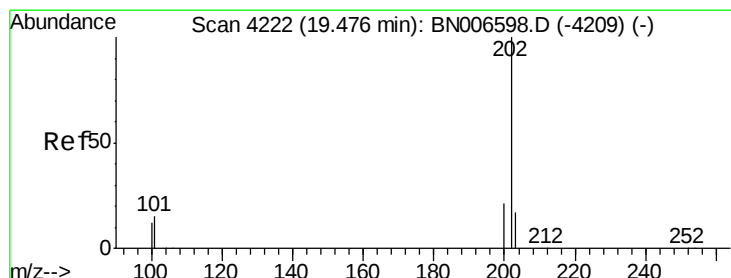
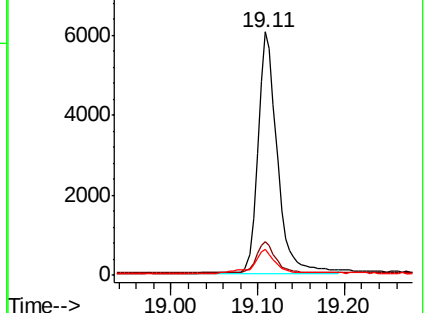
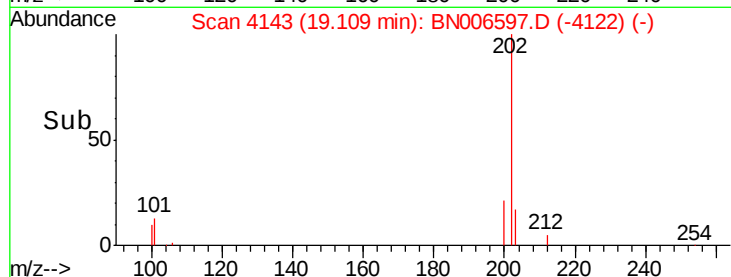
100 10.5 0.0 29.9



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: 0.167 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.00 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

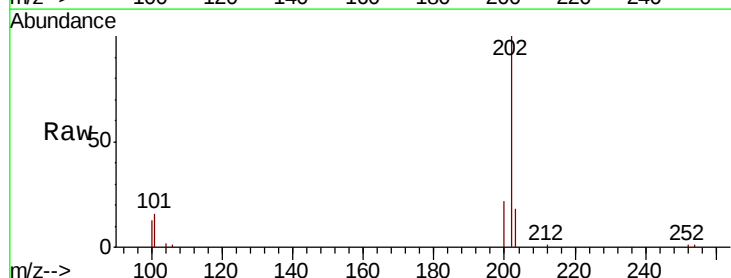
Tgt Ion:202 Resp: 9881

Ion Ratio Lower Upper

202 100

101 15.9 12.2 18.2

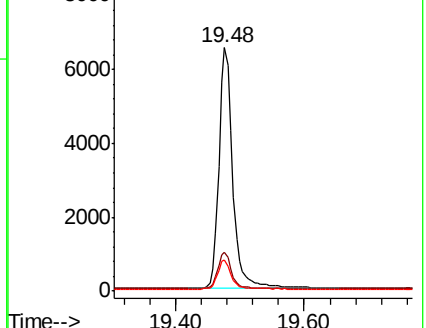
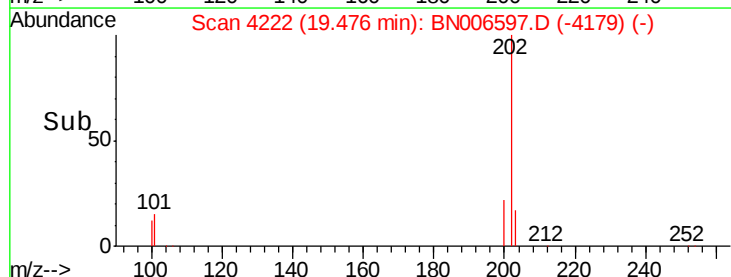
100 12.8 9.8 14.8

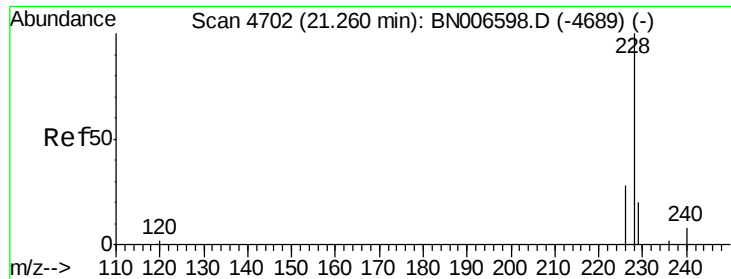


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

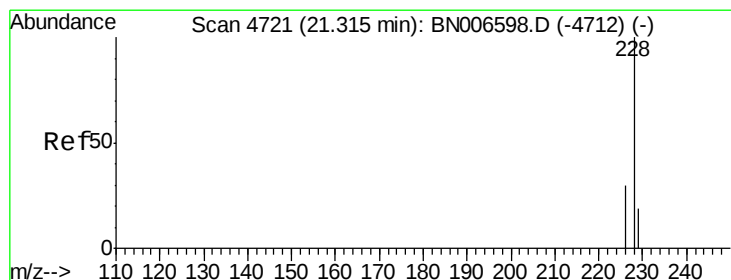
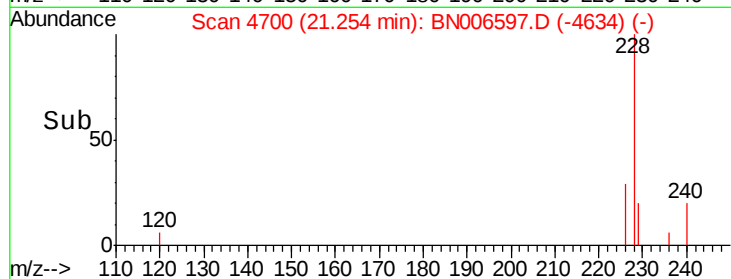
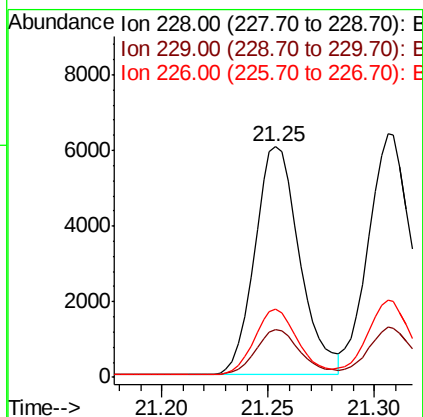
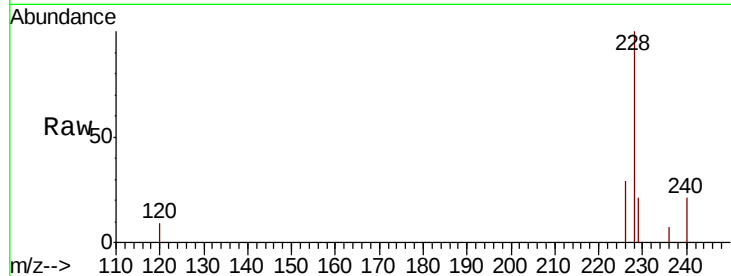




#18
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. -0.01 min
Lab File: BN006597.D
Acq: 27 Jun 2019 11:45

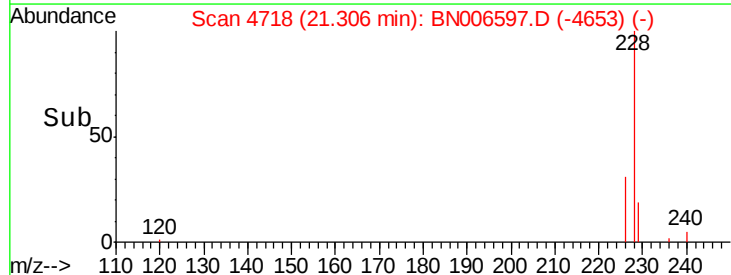
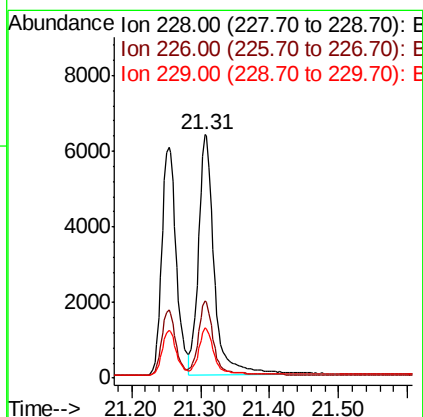
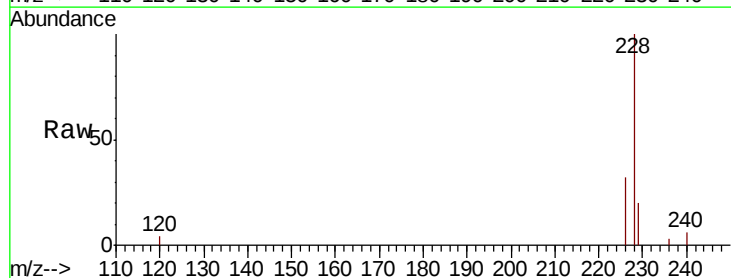
Instrument :
BNA_N
ClientSampleId :

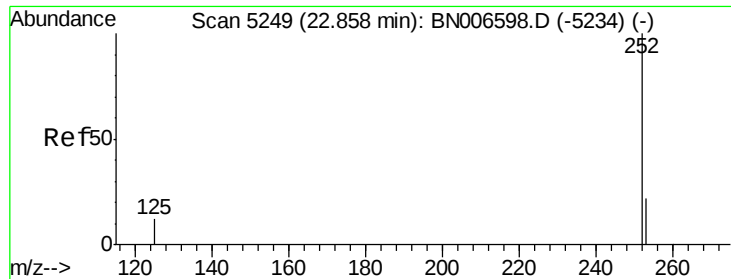
Tot Ion:228 Resp: 8838
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 29.4 22.6 34.0



#19
Chrysene
Concen: 0.218 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. -0.01 min
Lab File: BN006597.D
Acq: 27 Jun 2019 11:45

Tgt Ion:228 Resp: 10191
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.4
229 20.5 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.187 ng/ul

RT: 22.85 min Scan# 5245

Delta R.T. -0.01 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

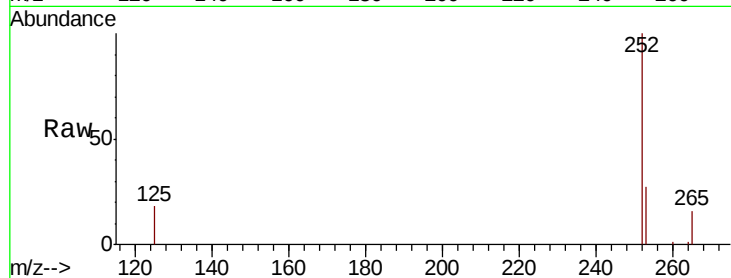
Tot Ion:252 Resp: 9684

Ion Ratio Lower Upper

252 100

253 26.7 0.0 47.8

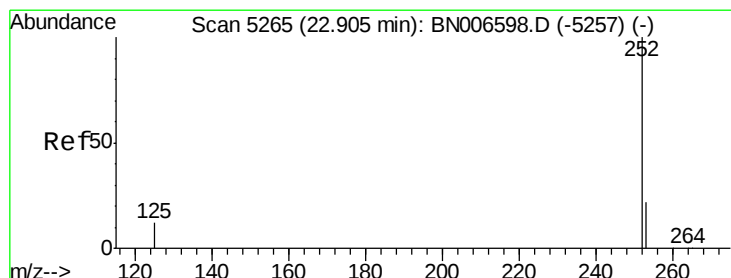
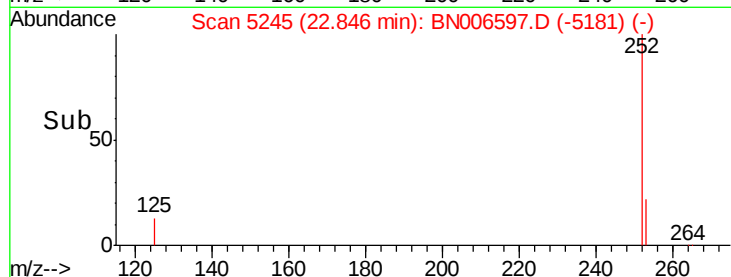
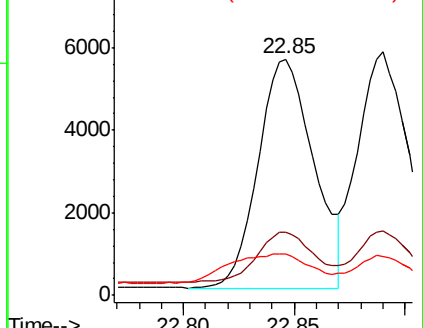
125 17.6 0.0 29.2



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: 0.199 ng/ul

RT: 22.89 min Scan# 5260

Delta R.T. -0.01 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

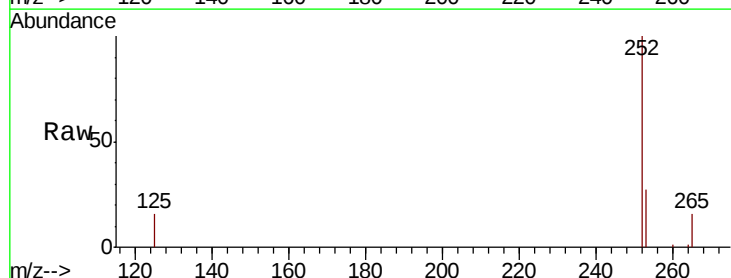
Tgt Ion:252 Resp: 10076

Ion Ratio Lower Upper

252 100

253 26.5 19.2 28.8

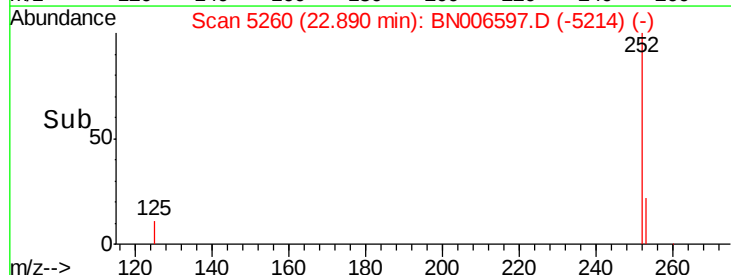
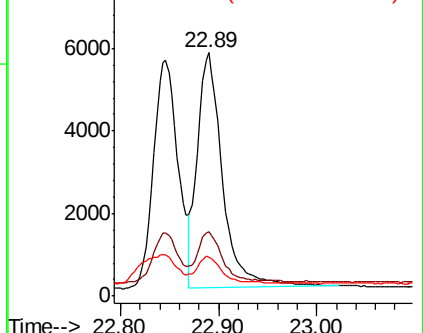
125 16.0 11.0 16.6

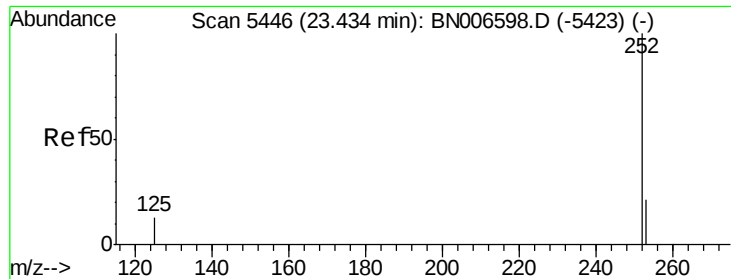


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.198 ng/ul

RT: 23.42 min Scan# 5441

Delta R.T. -0.01 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

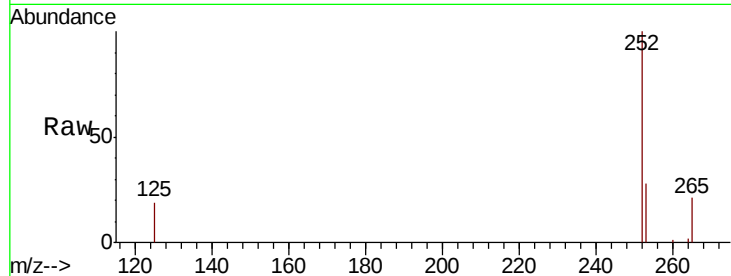
Tot Ion:252 Resp: 9569

Ion Ratio Lower Upper

252 100

253 28.0 19.4 29.2

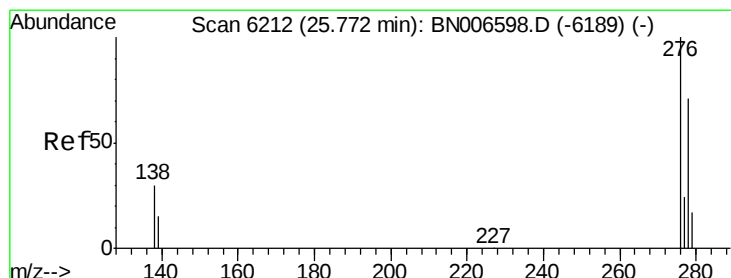
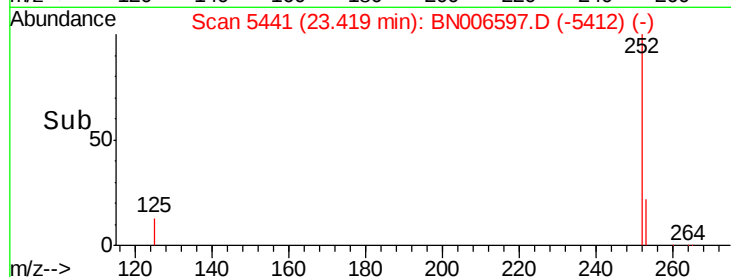
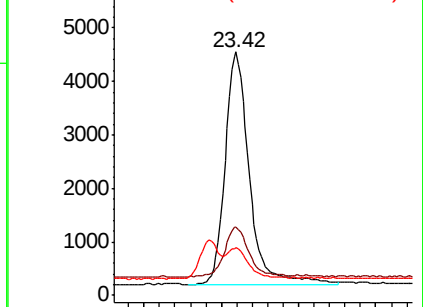
125 19.5 12.6 19.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.185 ng/ul

RT: 25.76 min Scan# 6208

Delta R.T. -0.01 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

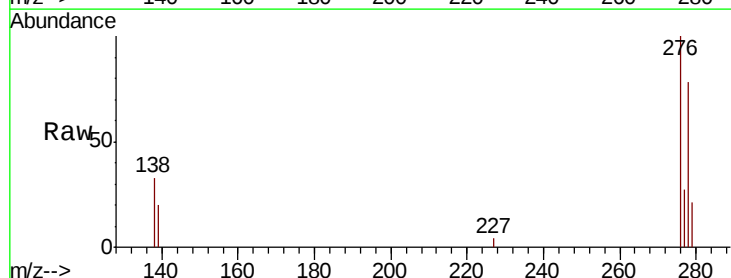
Tgt Ion:276 Resp: 9690

Ion Ratio Lower Upper

276 100

138 29.9 24.3 36.5

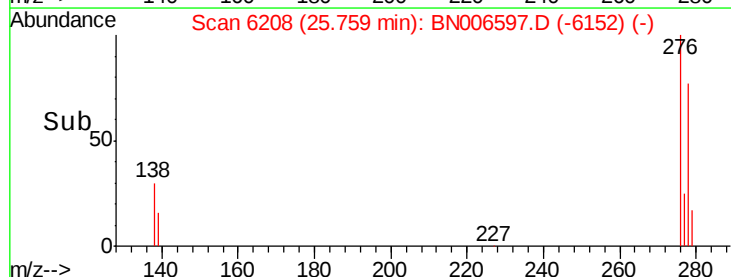
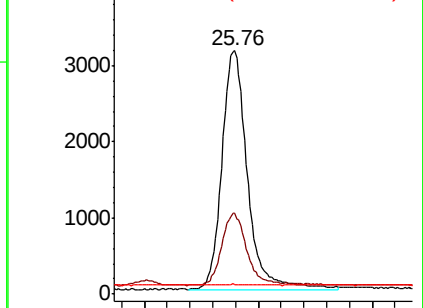
227 0.3 0.2 0.4

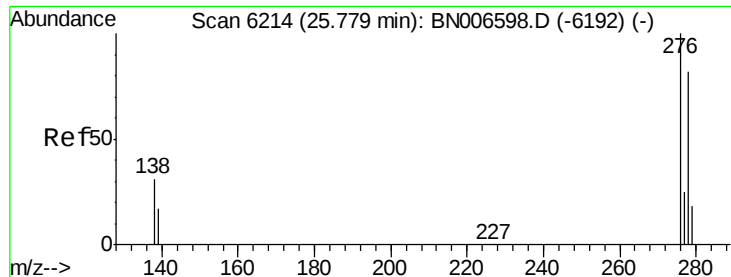


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.184 ng/ul

RT: 25.76 min Scan# 6209

Delta R.T. -0.02 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

Instrument :

BNA_N

ClientSampleId :

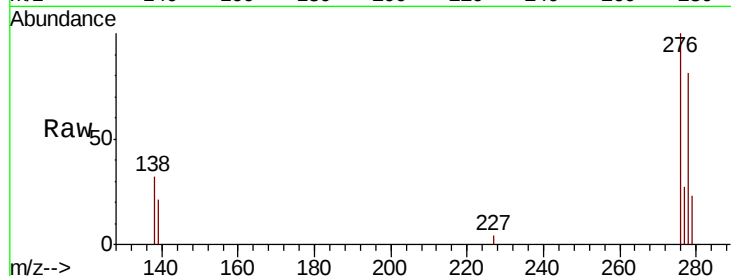
Tot Ion:278 Resp: 7701

Ion Ratio Lower Upper

278 100

139 25.8 18.1 27.1

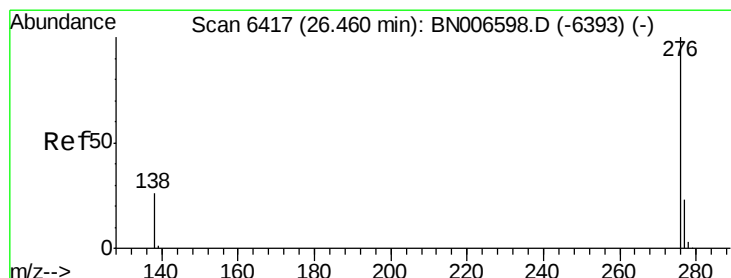
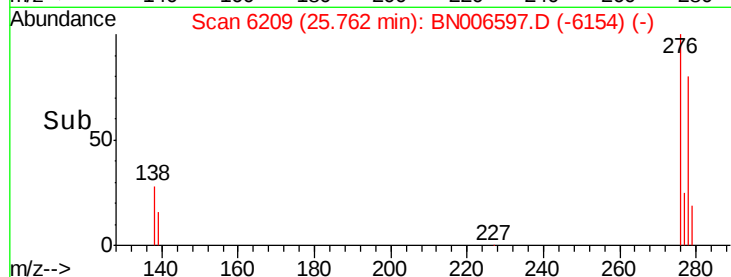
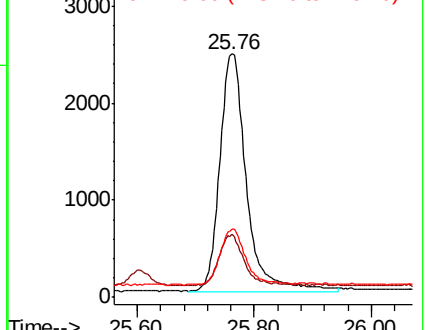
279 28.1 19.8 29.6



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(g,h,i)perylene

Concen: 0.186 ng/ul

RT: 26.44 min Scan# 6410

Delta R.T. -0.02 min

Lab File: BN006597.D

Acq: 27 Jun 2019 11:45

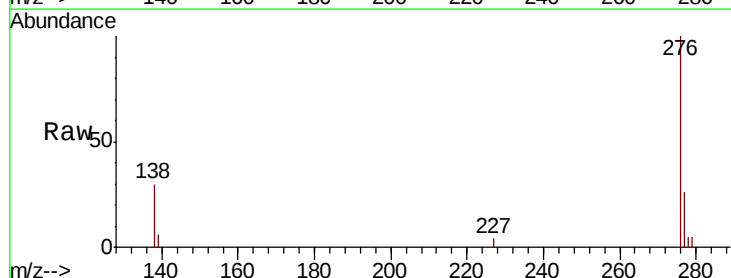
Tgt Ion:276 Resp: 8143

Ion Ratio Lower Upper

276 100

138 29.8 22.2 33.2

277 26.0 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

