

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006230.D
 Acq On : 10 Jun 2019 19:26
 Operator : JU/SJ
 Sample : K3016-04DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:19:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

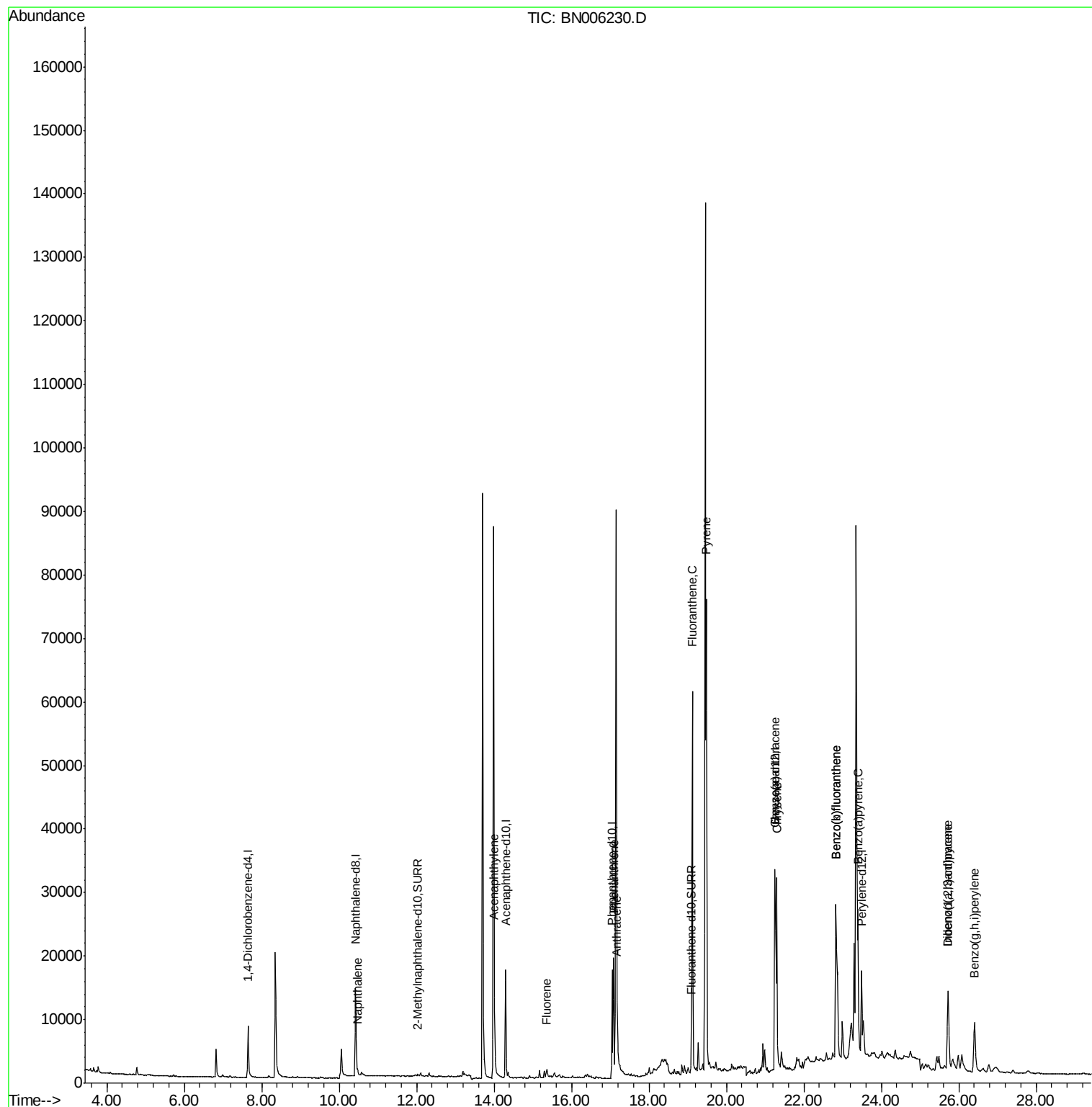
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9649	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20522	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16298	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	20454	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	722	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1416	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1262	0.024	ng/ul#	78
7) Acenaphthylene	14.01	152	9427	0.176	ng/ul	98
9) Fluorene	15.35	166	1379	0.032	ng/ul#	87
12) Phenanthrene	17.09	178	21419	0.325	ng/ul	99
13) Anthracene	17.18	178	8140	0.129	ng/ul	97
15) Fluoranthene	19.12	202	52300	0.719	ng/ul	96
17) Pyrene	19.49	202	58566	0.682	ng/ul	99
18) Benzo(a)anthracene	21.25	228	26499	0.368	ng/ul	95
19) Chrysene	21.30	228	33024	0.488	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	57078	0.669	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	57078	0.687	ng/ul	98
23) Benzo(a)pyrene	23.40	252	28638	0.361	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.72	276	21189	0.246	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.73	278	5148	0.075	ng/ul#	77
26) Benzo(g,h,i)perylene	26.41	276	16069	0.223	ng/ul	98

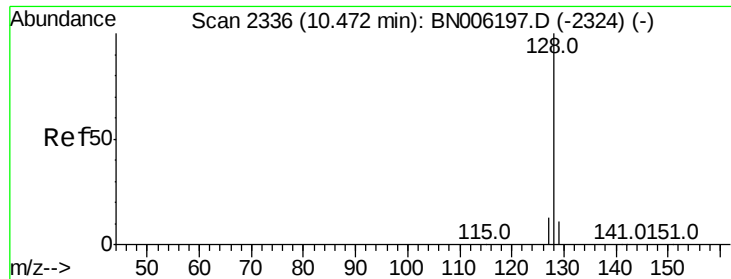
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

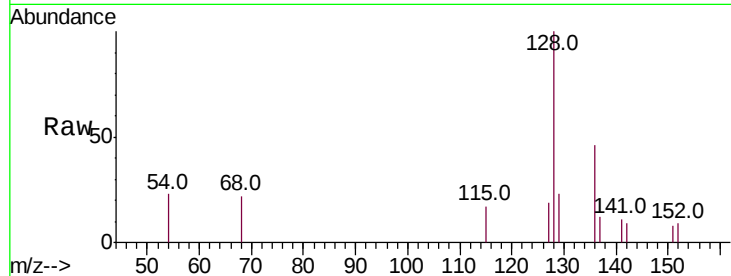
Tot Ion:128 Resp: 1262

Ion Ratio Lower Upper

128 100

129 23.0 9.3 13.9#

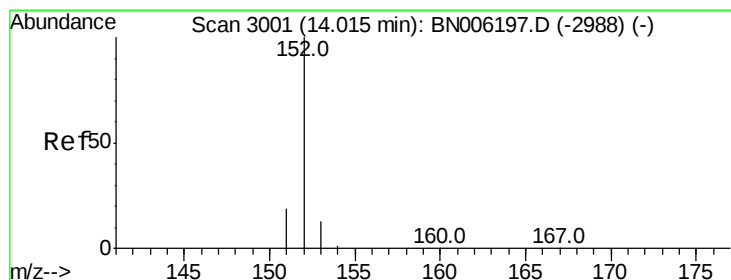
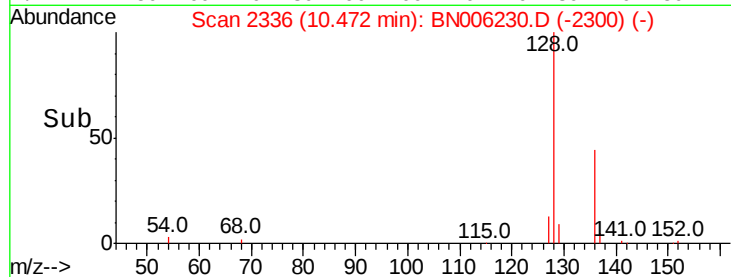
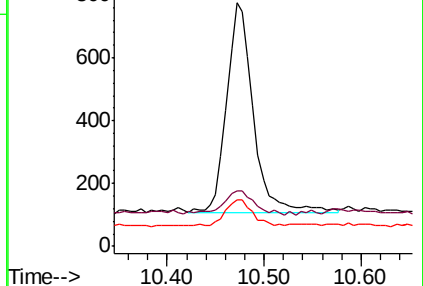
127 19.4 10.7 16.1#



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



#7

Acenaphthylene

Concen: 0.176 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

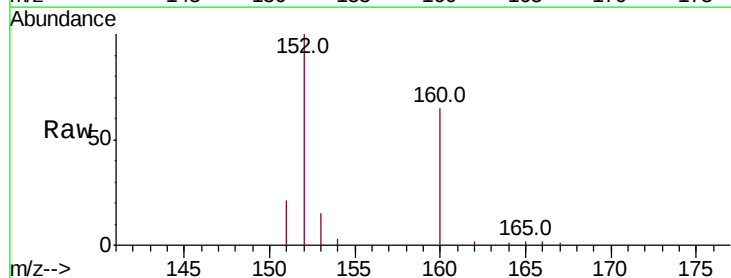
Tgt Ion:152 Resp: 9427

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

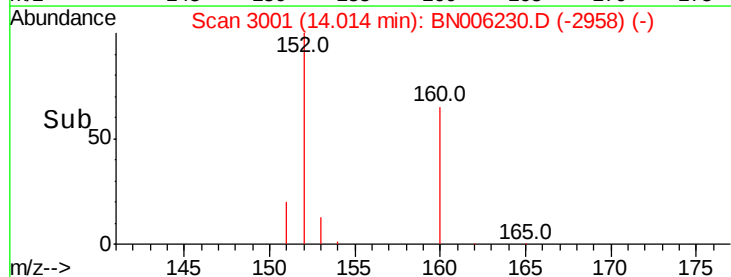
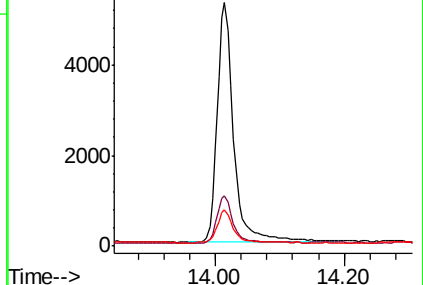
153 14.6 10.8 16.2

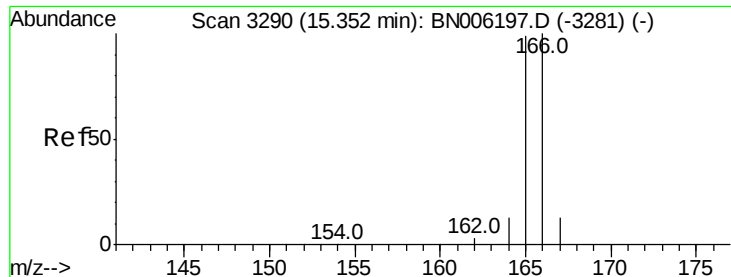


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.032 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

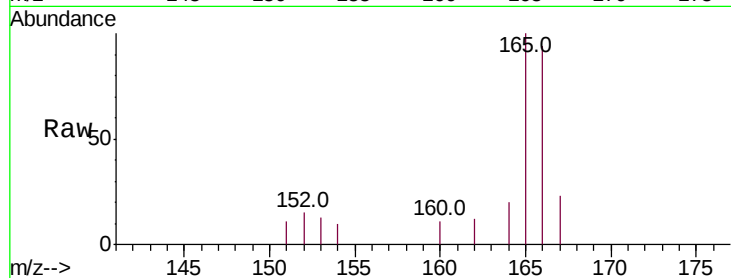
Tot Ion:166 Resp: 1379

Ion Ratio Lower Upper

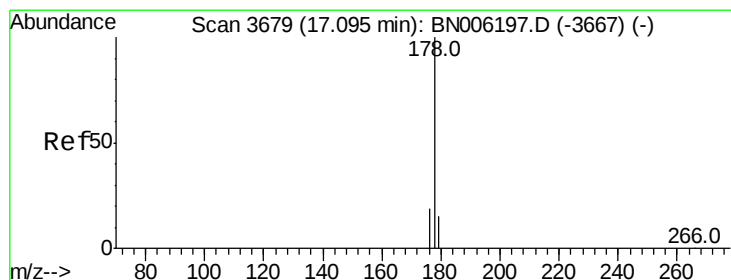
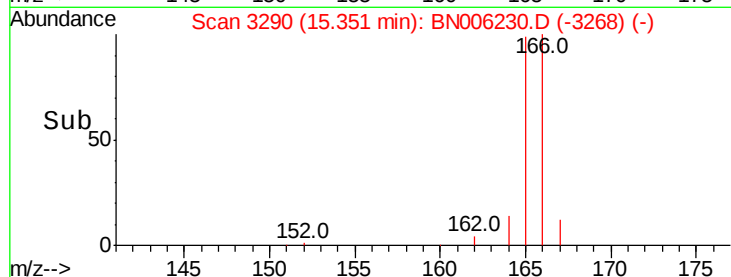
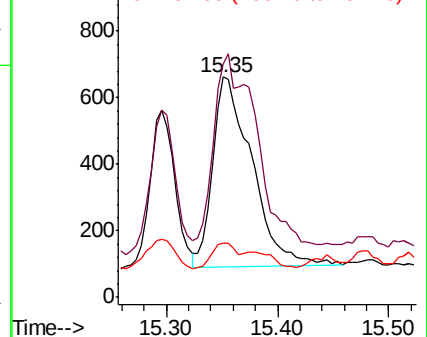
166 100

165 105.9 76.4 114.6

167 24.6 11.0 16.6#



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



#12

Phenanthrene

Concen: 0.325 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

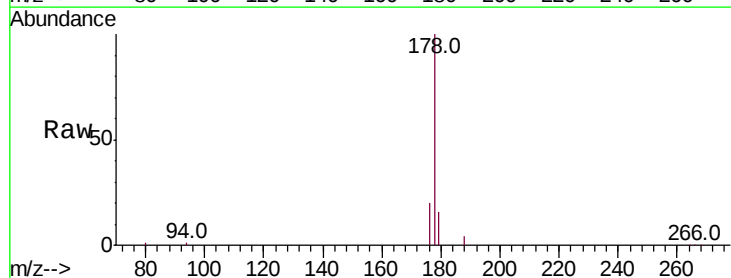
Tgt Ion:178 Resp: 21419

Ion Ratio Lower Upper

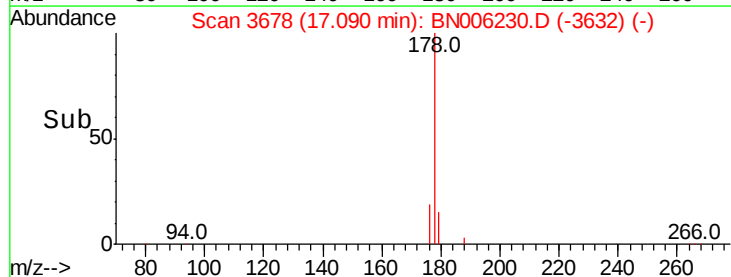
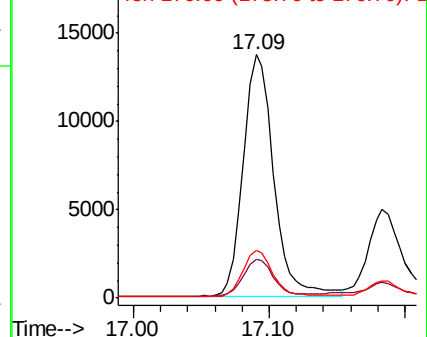
178 100

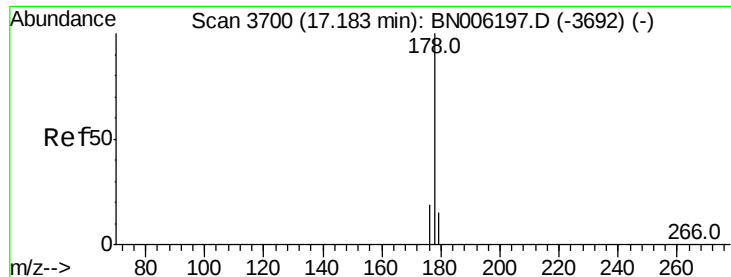
179 15.8 12.3 18.5

176 19.7 15.3 22.9



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: 0.129 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

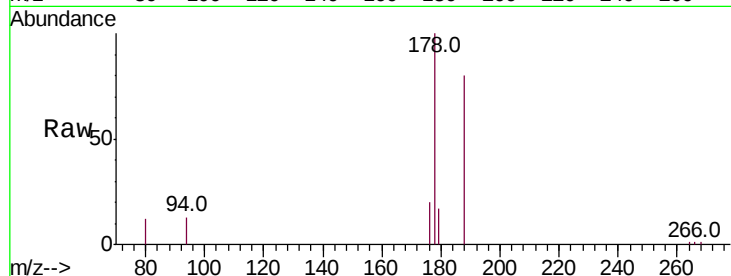
Tot Ion:178 Resp: 8140

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.4

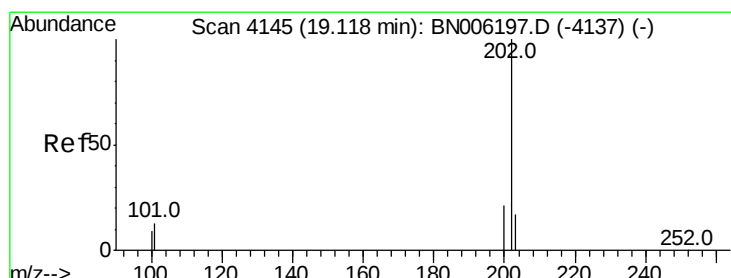
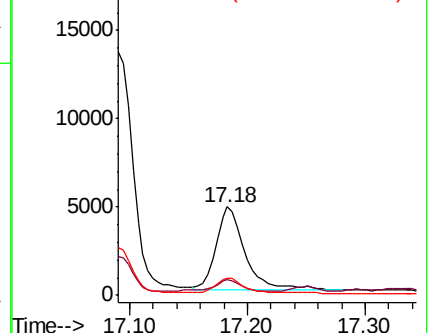
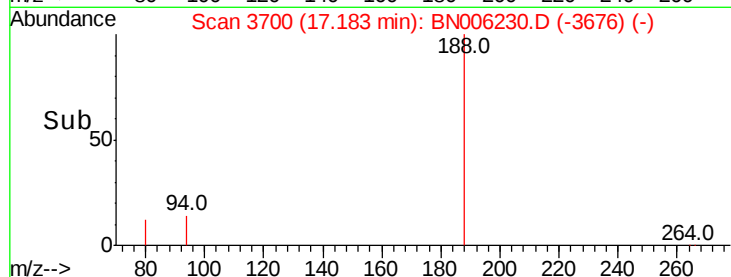
176 19.5 15.1 22.7



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: 0.719 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

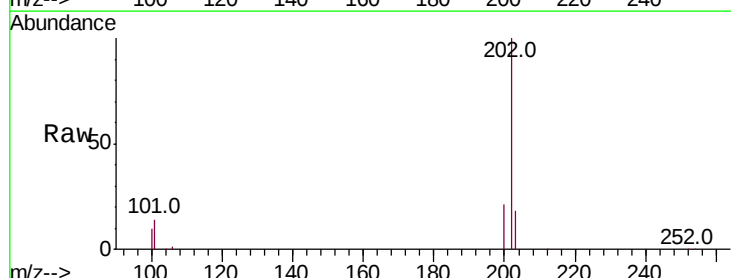
Tgt Ion:202 Resp: 52300

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.1

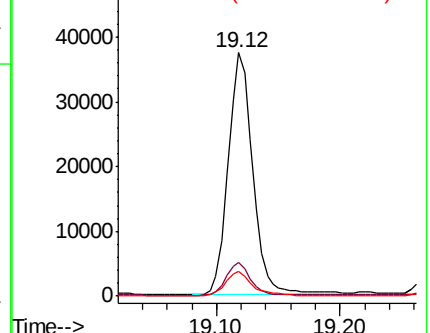
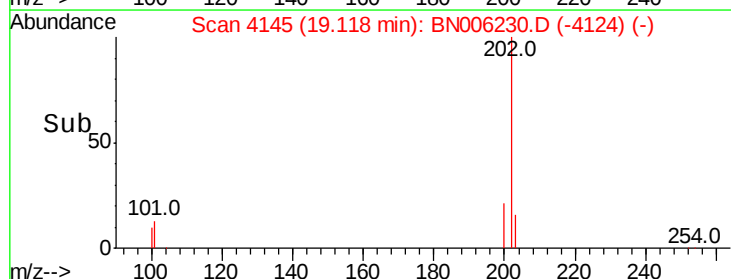
100 9.9 0.0 28.7

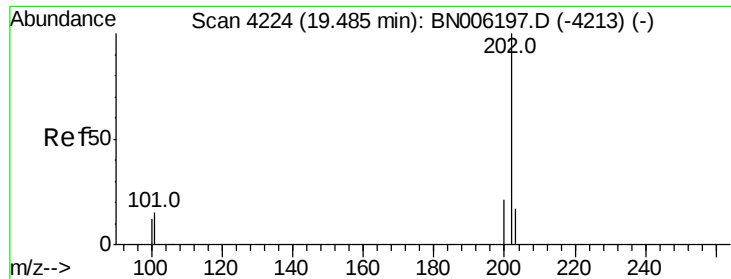


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

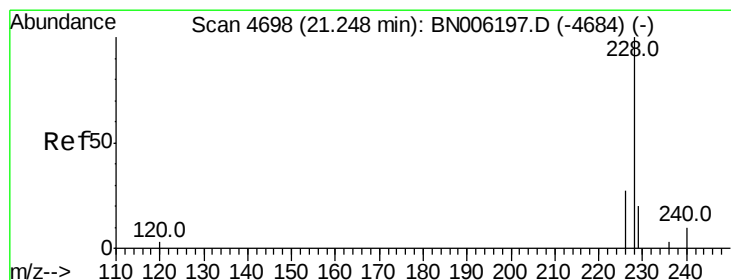
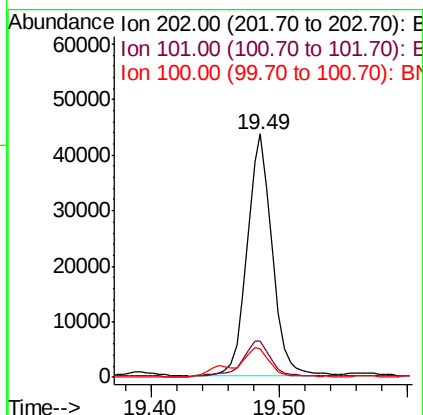
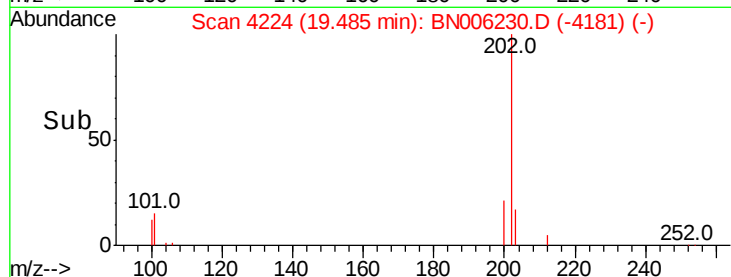
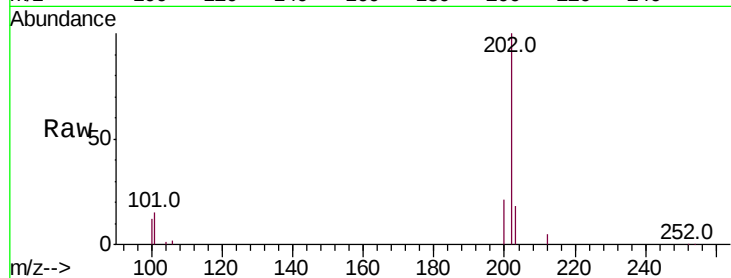




#17
Pvrene
Concen: 0.682 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

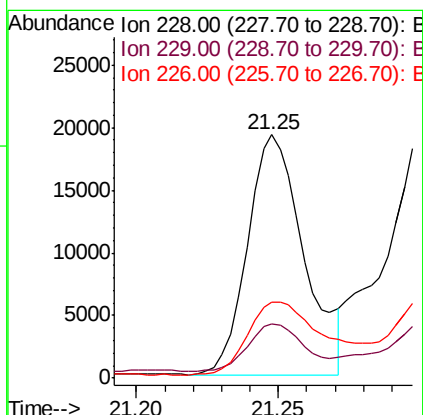
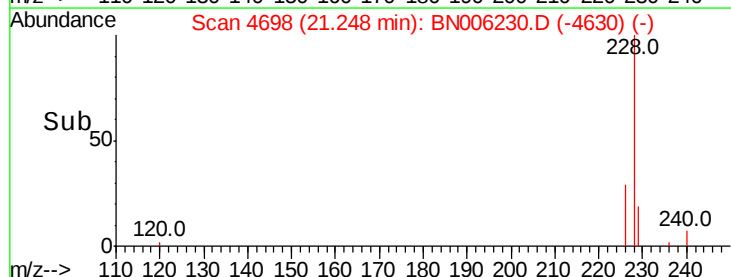
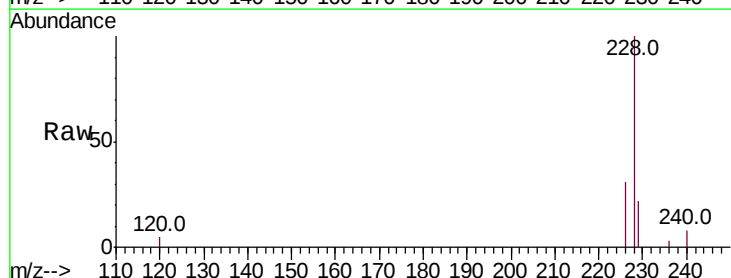
Instrument :
BNA_N
ClientSampleId :

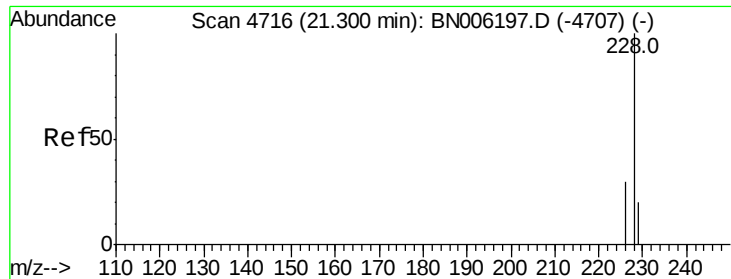
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	11.6	9.8	14.6



#18
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.5	24.7
226	31.1	22.8	34.2





#19

Chrysene

Concen: 0.488 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

Instrument :

BNA_N

ClientSampled :

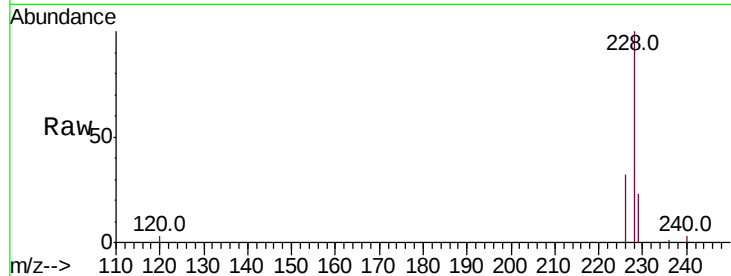
Tot Ion:228 Resp: 33024

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

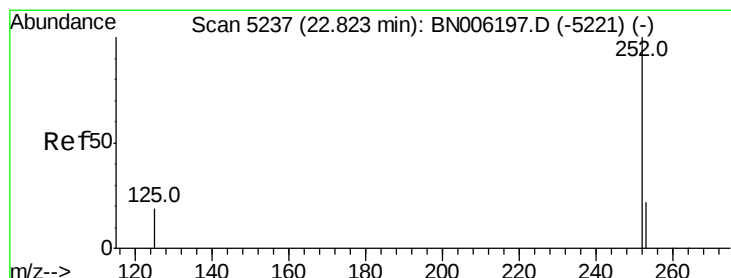
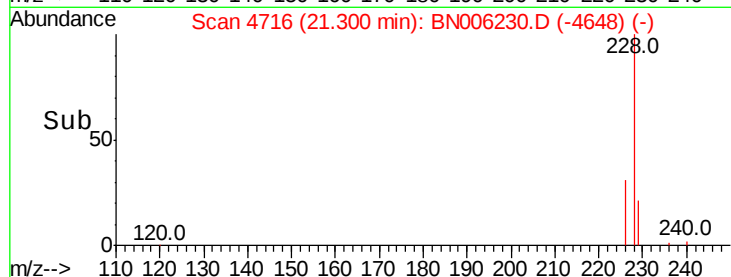
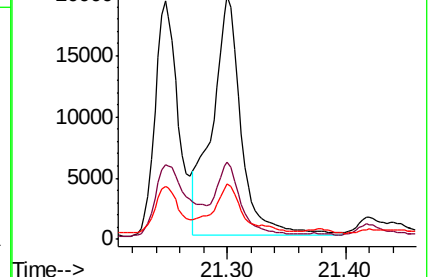
229 22.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.669 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

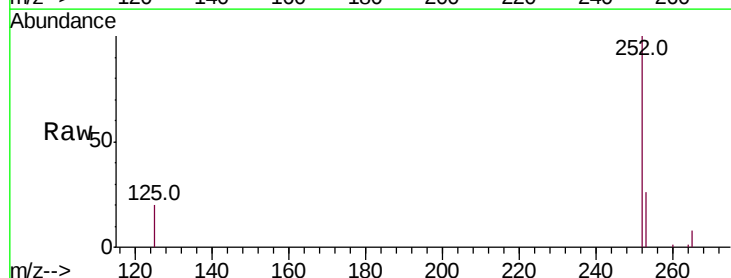
Tgt Ion:252 Resp: 57078

Ion Ratio Lower Upper

252 100

253 25.8 0.0 51.4

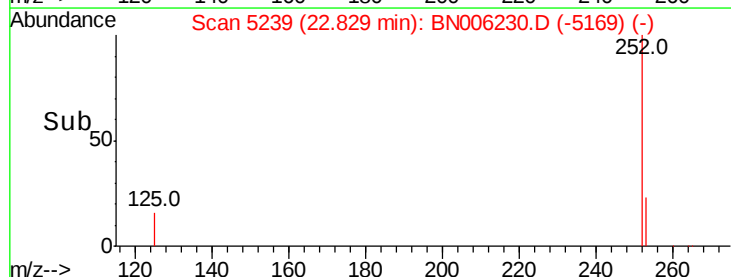
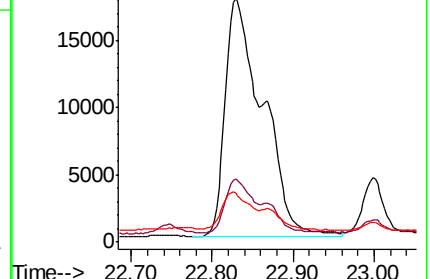
125 19.9 0.0 41.0

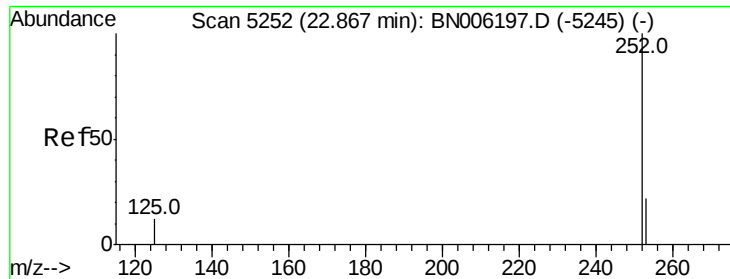


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

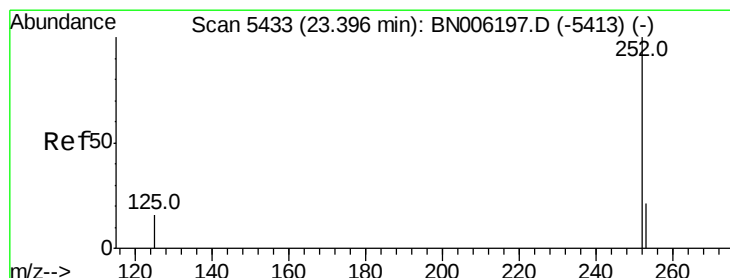
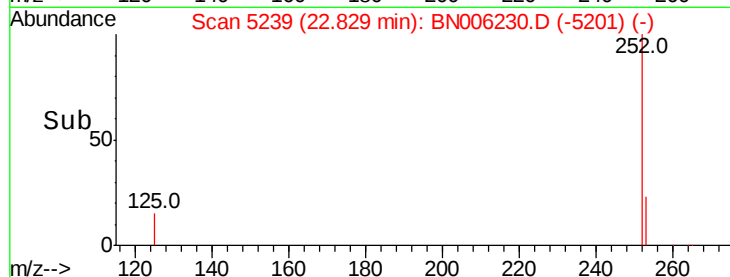
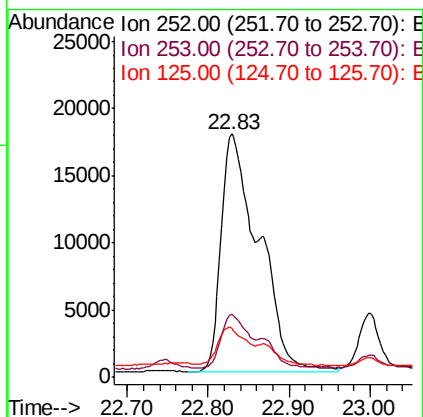
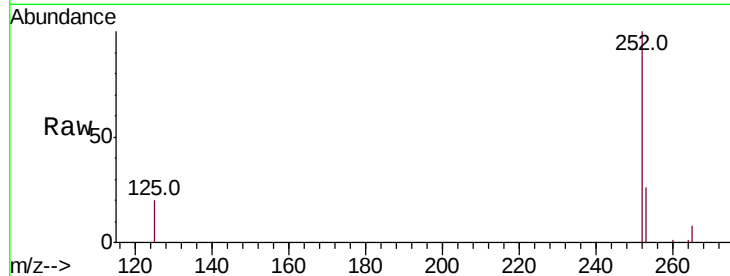




#22
Benzo(k)fluoranthene
Concen: 0.687 ng/ul
RT: 22.83 min Scan# 5239
Delta R.T. -0.04 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

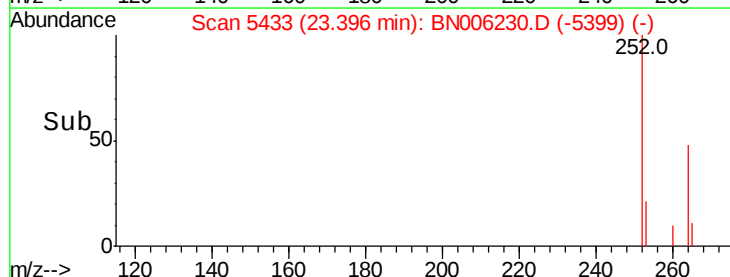
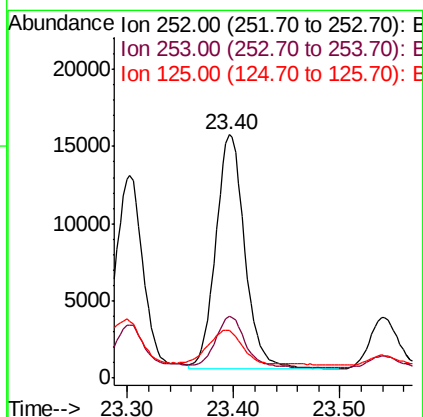
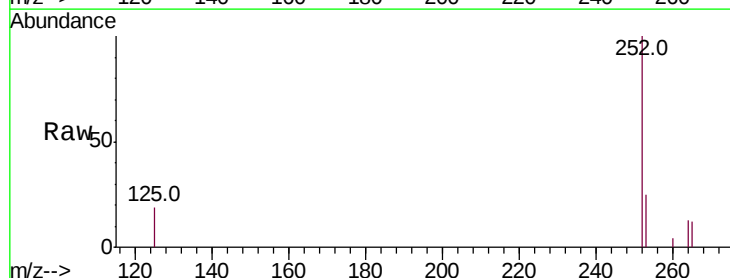
Instrument :
BNA_N
ClientSampleId :

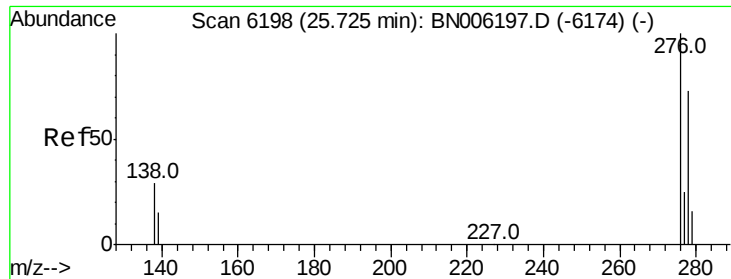
Tot Ion:252 Resp: 57078
Ion Ratio Lower Upper
252 100
253 25.8 20.3 30.5
125 19.9 14.3 21.5



#23
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:252 Resp: 28638
Ion Ratio Lower Upper
252 100
253 25.3 21.1 31.7
125 19.5 20.3 30.5#



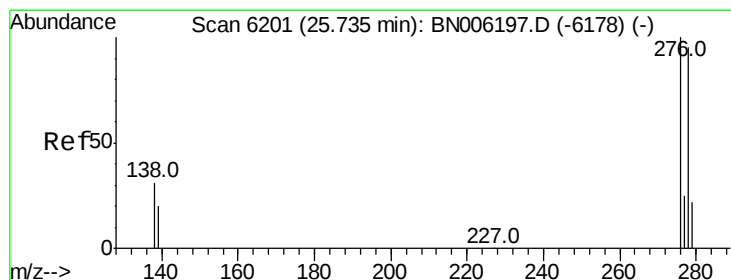
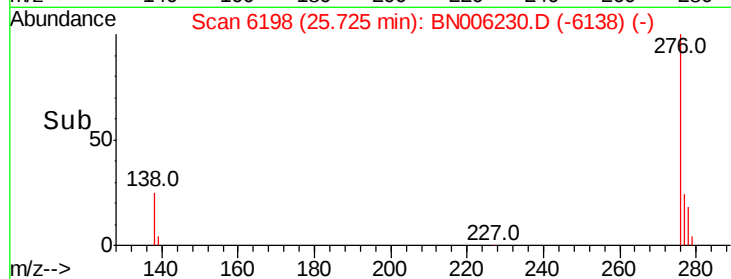
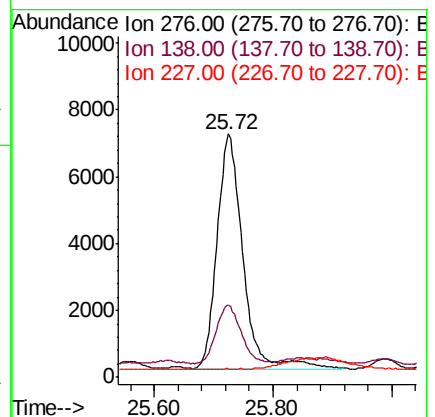
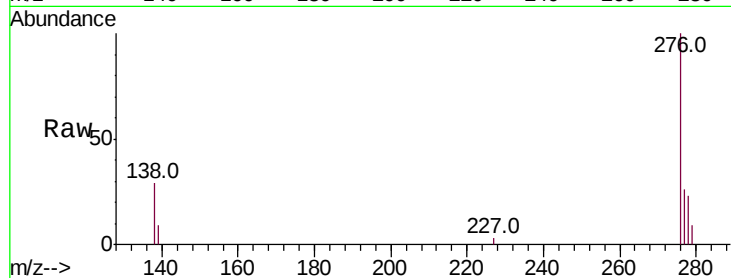


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Instrument :
BNA_N
ClientSampleId :

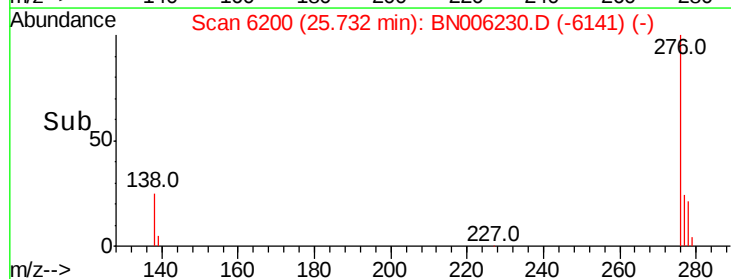
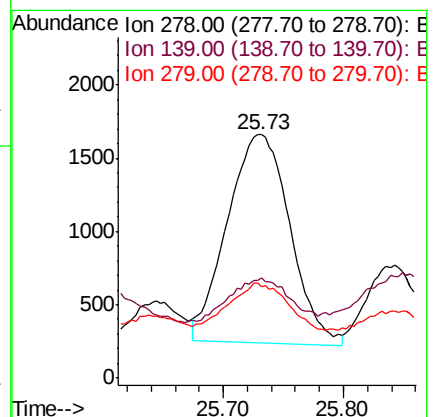
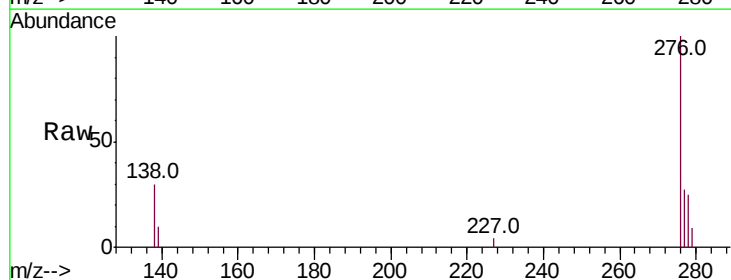
Tot Ion:276 Resp: 21189
Ion Ratio Lower Upper
276 100
138 24.3 25.6 38.4#
227 0.0 0.3 0.5#

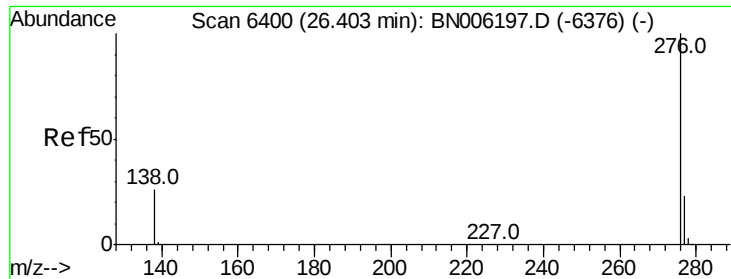


#25

Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:278 Resp: 5148
Ion Ratio Lower Upper
278 100
139 41.1 21.2 31.8#
279 37.7 22.6 33.8#





#26

Benzo(a,h,i)perylene

Concen: 0.223 ng/ul

RT: 26.41 min Scan# 6402

Delta R.T. 0.01 min

Lab File: BN006230.D

Acq: 10 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

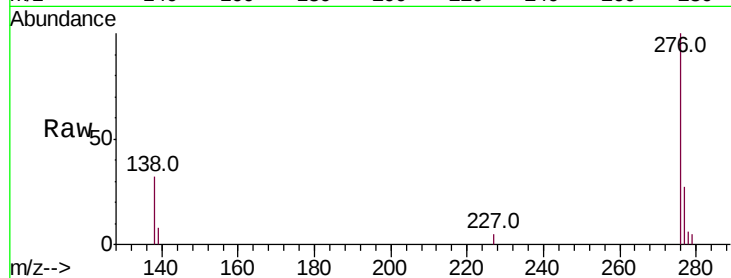
Tot Ion:276 Resp: 16069

Ion Ratio Lower Upper

276 100

138 31.9 24.2 36.4

277 26.5 21.5 32.3



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

