

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006180.D
 Acq On : 07 Jun 2019 22:47
 Operator : JU/SJ
 Sample : K3016-21DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D8DL

Quant Time: Jun 08 02:04:36 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10157	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21968	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19697	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	24020	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	856	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2080	0.04	ng/ul	0.00

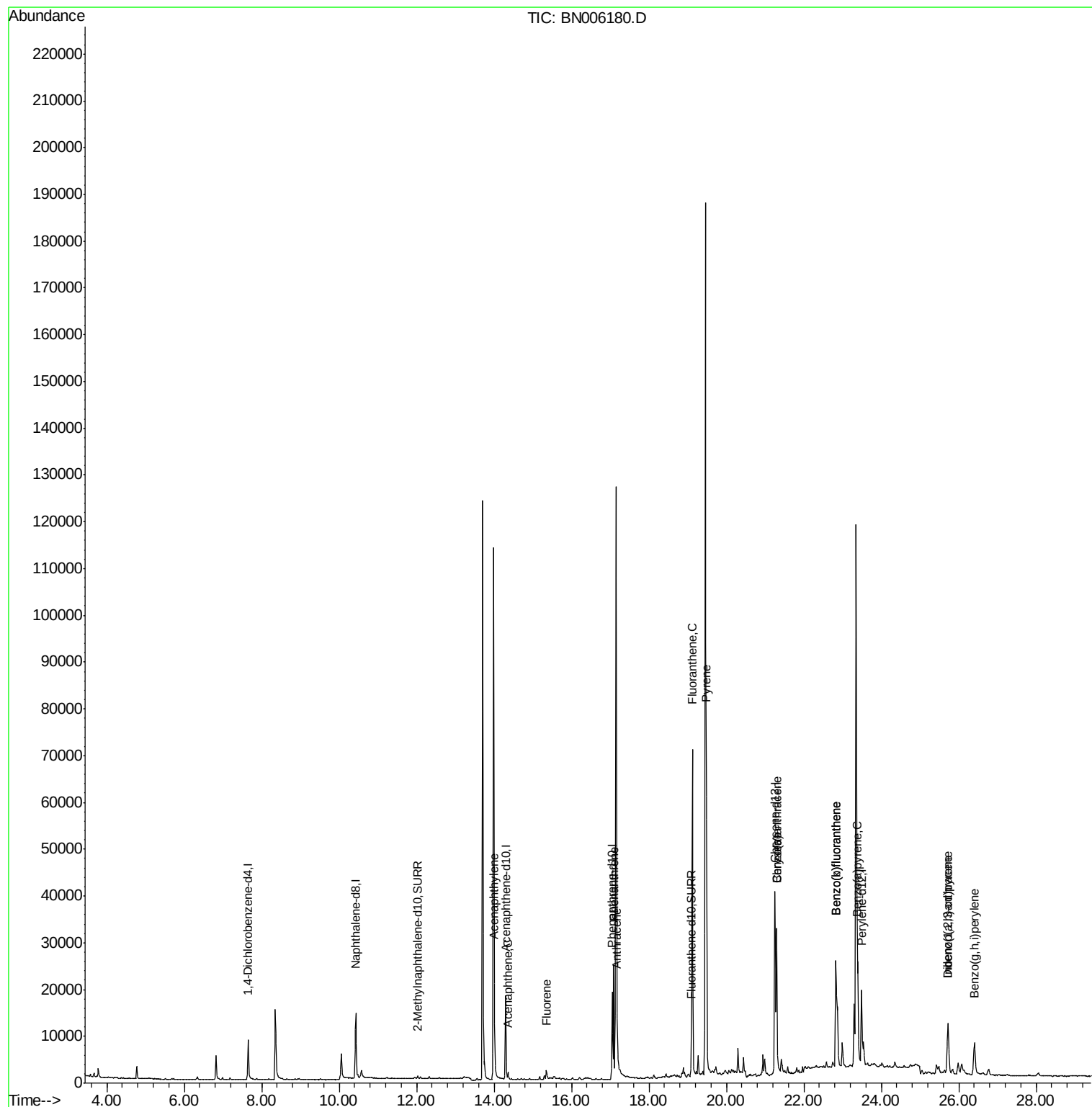
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.01	152	6524	0.116	ng/ul	97
8) Acenaphthene	14.36	153	813	0.021	ng/ul	96
9) Fluorene	15.36	166	1561	0.034	ng/ul#	95
12) Phenanthrene	17.09	178	26619	0.377	ng/ul	99
13) Anthracene	17.18	178	7600	0.113	ng/ul	97
15) Fluoranthene	19.12	202	61439	0.789	ng/ul	96
17) Pyrene	19.49	202	57507	0.554	ng/ul	100
18) Benzo(a)anthracene	21.30	228	31750	0.364	ng/ul	94
19) Chrysene	21.30	228	32835	0.401	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	53815	0.537	ng/ul	97
22) Benzo(k)fluoranthene	22.83	252	53815	0.552	ng/ul	99
23) Benzo(a)pyrene	23.39	252	25658	0.275	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.72	276	17620	0.175	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	4777	0.059	ng/ul#	78
26) Benzo(g,h,i)perylene	26.40	276	14472	0.171	ng/ul	99

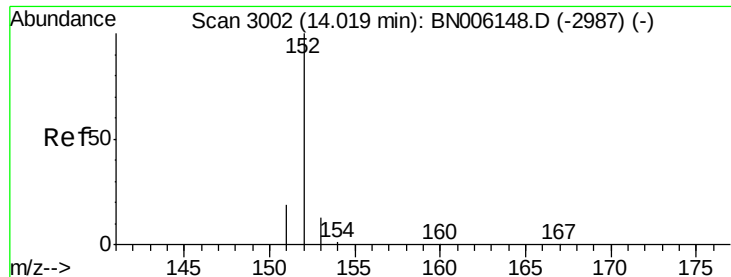
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.116 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

A51D8DL

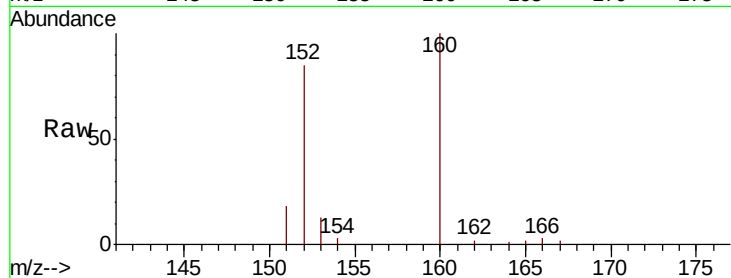
Tgt Ion:152 Resp: 6524

Ion Ratio Lower Upper

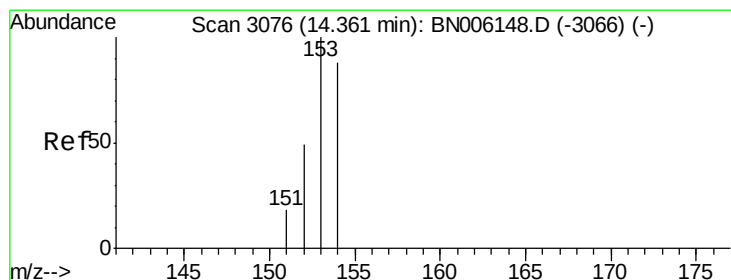
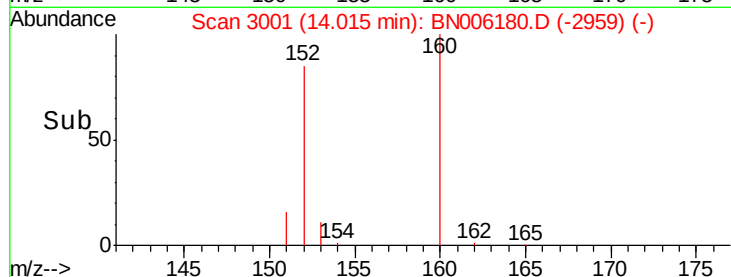
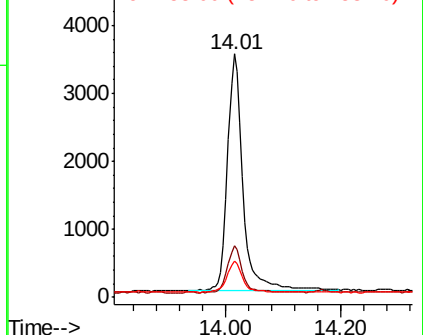
152 100

151 21.0 15.8 23.8

153 14.7 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



#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

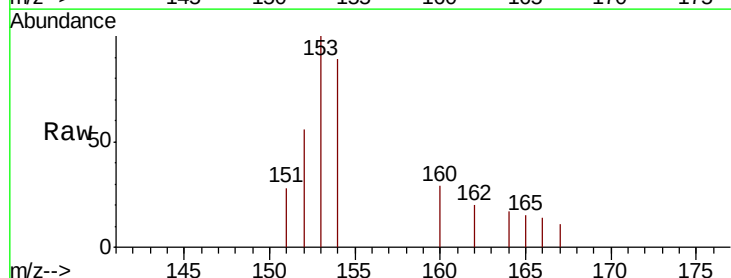
Tgt Ion:153 Resp: 813

Ion Ratio Lower Upper

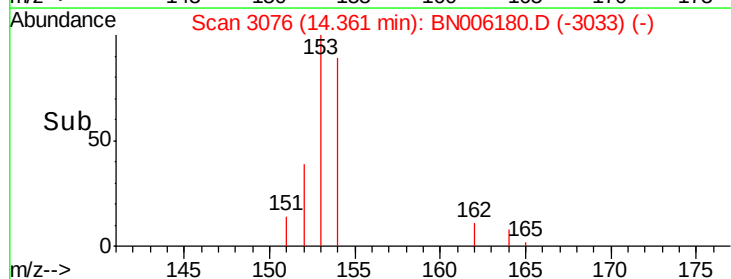
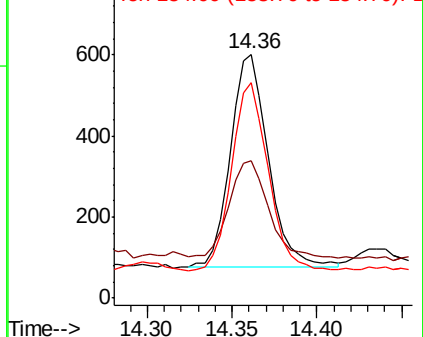
153 100

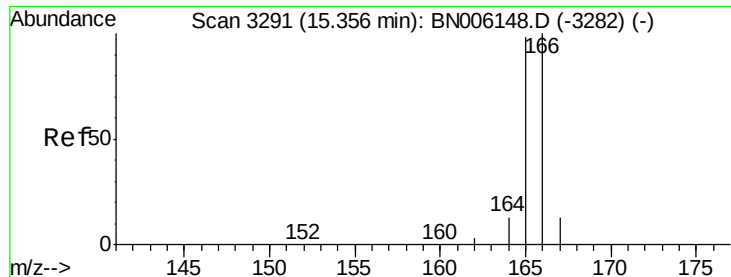
152 56.2 39.1 58.7

154 88.5 71.1 106.7



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: 0.034 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

A51D8DL

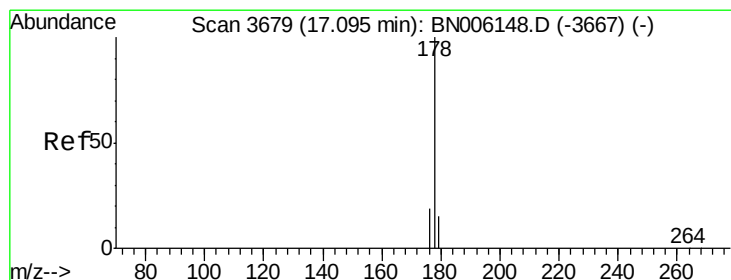
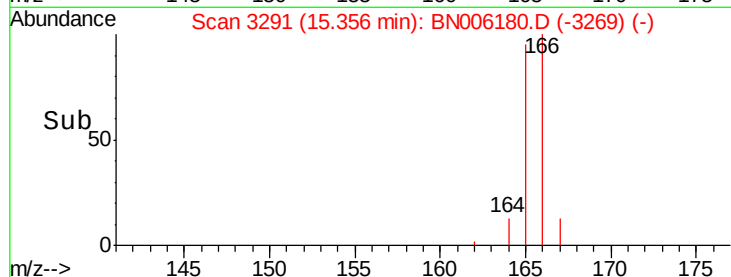
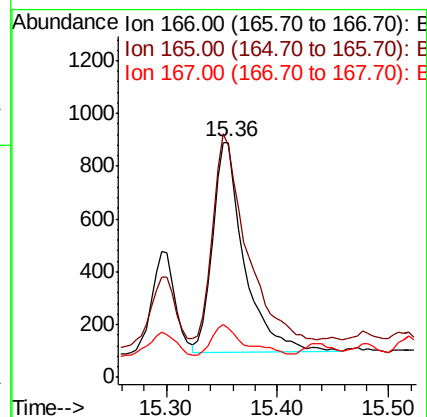
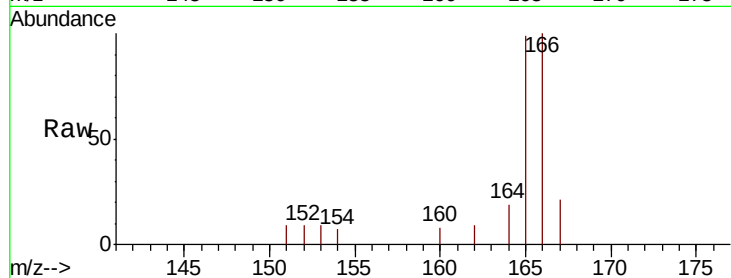
Tgt Ion:166 Resp: 1561

Ion Ratio Lower Upper

166 100

165 98.9 76.4 114.6

167 20.7 11.0 16.6#



#12

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

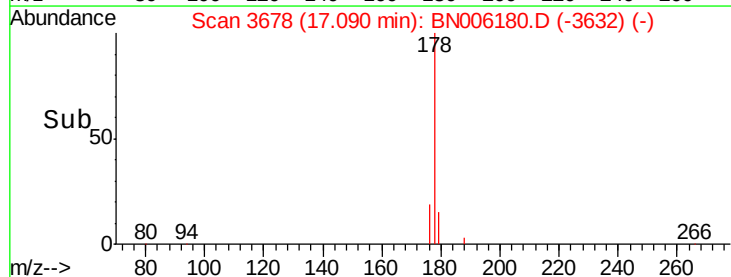
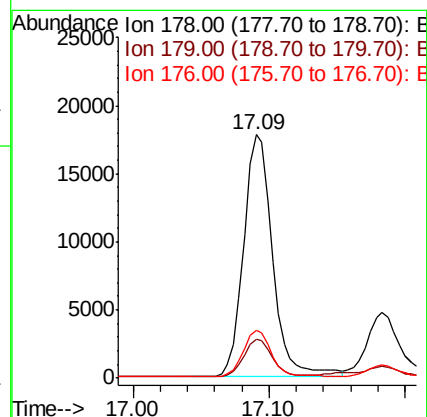
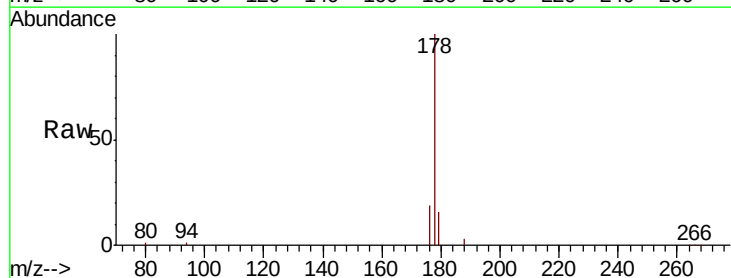
Tgt Ion:178 Resp: 26619

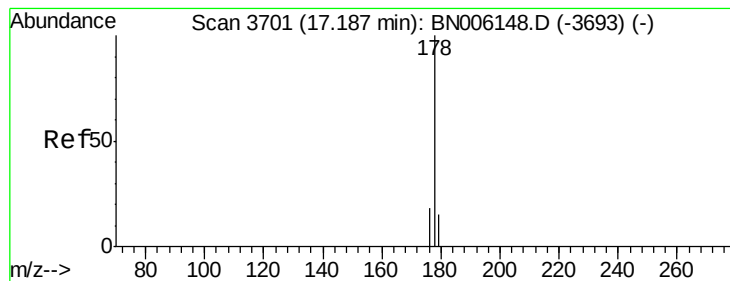
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.5 15.3 22.9





#13

Anthracene

Concen: 0.113 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

A51D8DL

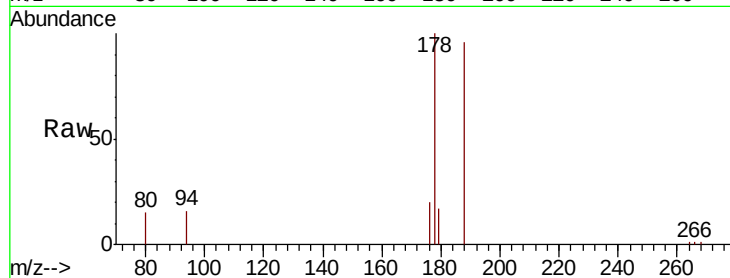
Tgt Ion:178 Resp: 7600

Ion Ratio Lower Upper

178 100

179 17.3 12.2 18.4

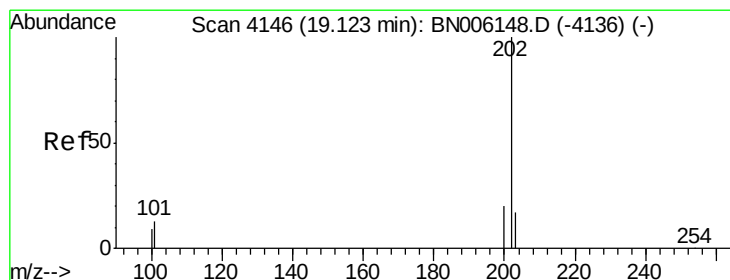
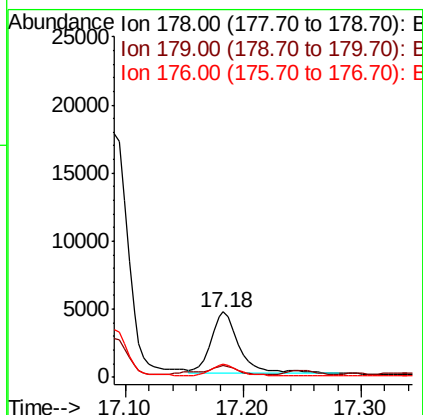
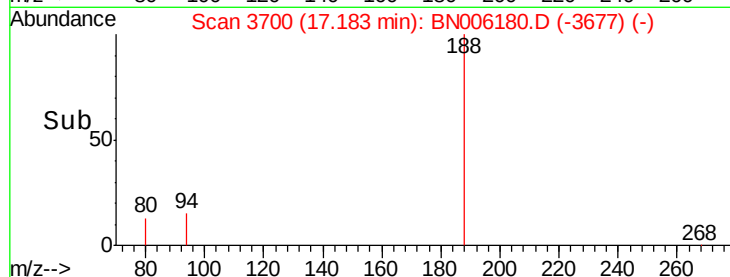
176 19.7 15.1 22.7



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: 0.789 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

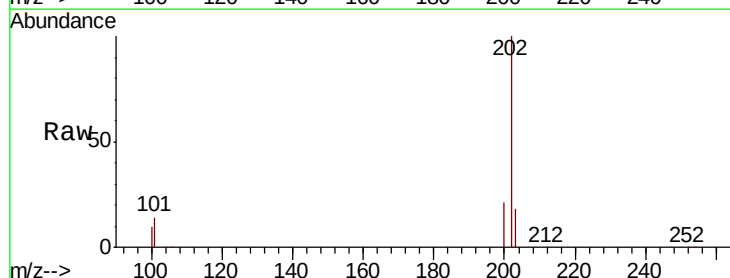
Tgt Ion:202 Resp: 61439

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.1

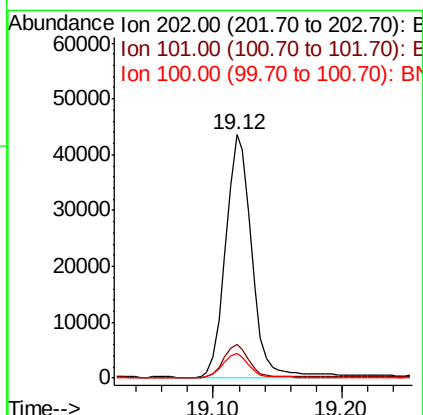
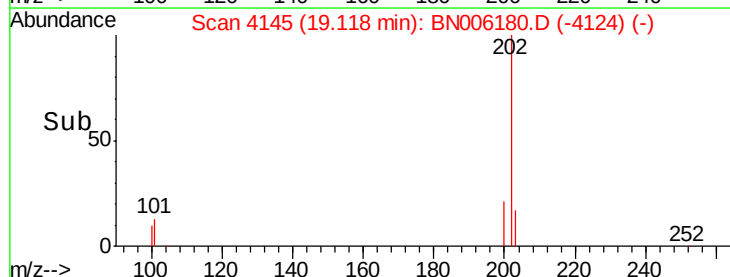
100 10.2 0.0 28.7

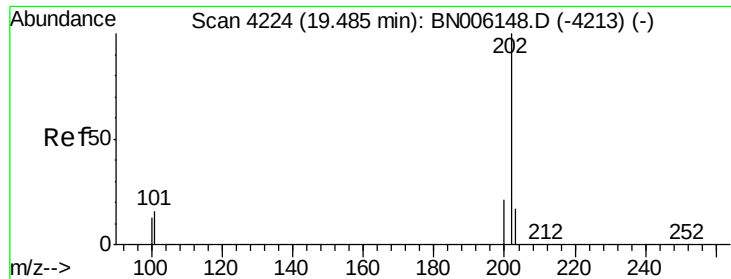


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

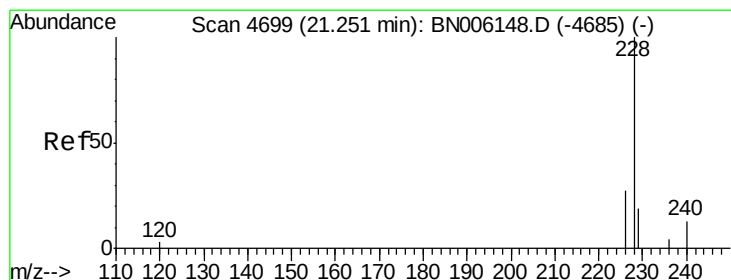
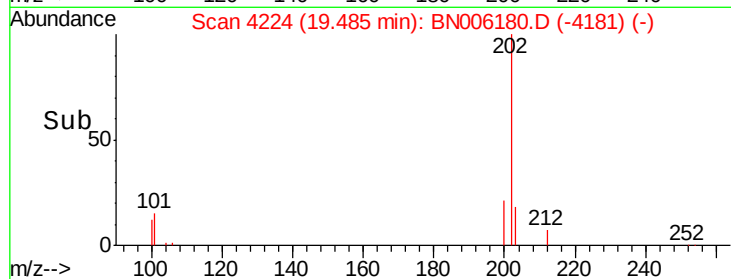
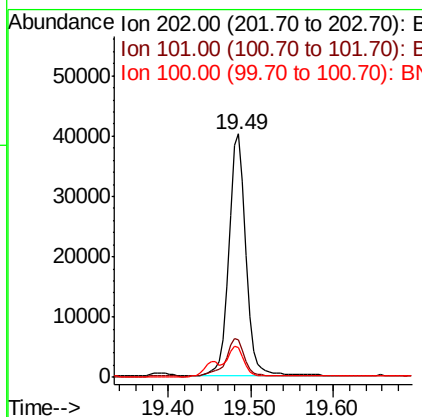
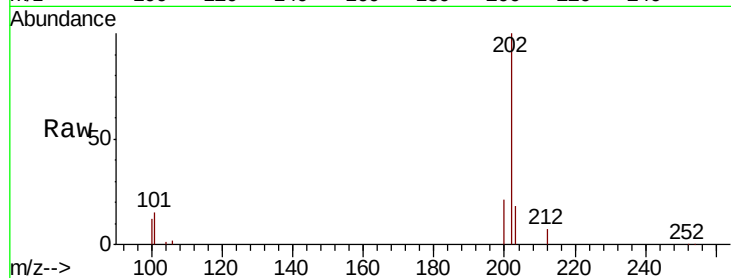




#17
 Pyrene
 Concen: 0.554 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN006180.D
 Acq: 07 Jun 2019 22:47

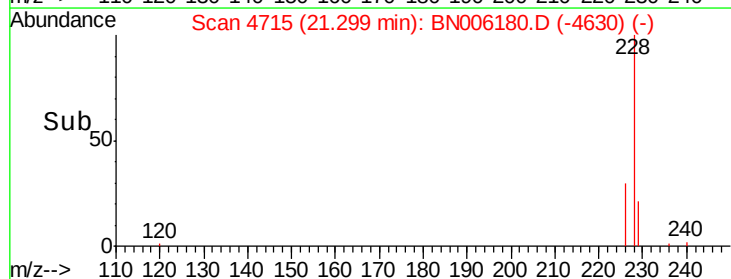
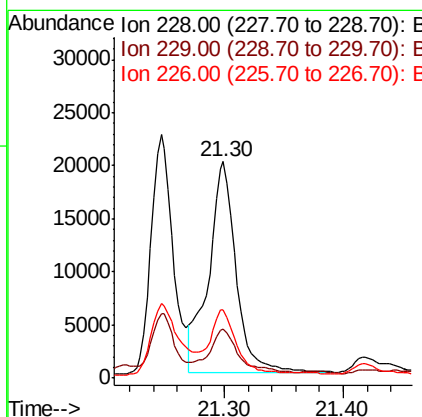
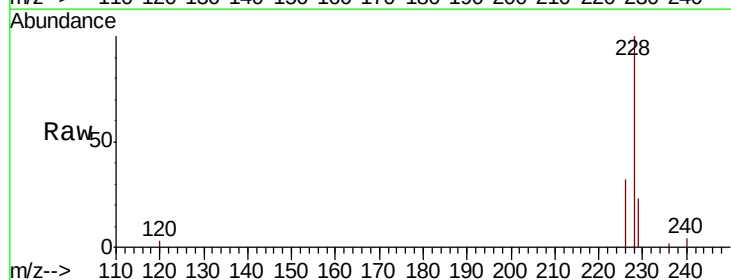
Instrument :
 BNA_N
 ClientSampleId :
 A51D8DL

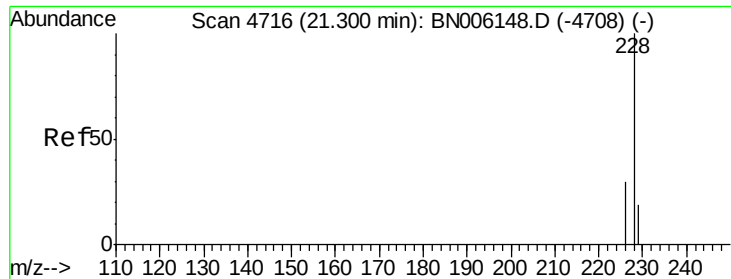
Tgt Ion:202 Resp: 57507
 Ion Ratio Lower Upper
 202 100
 101 15.5 12.2 18.2
 100 12.1 9.8 14.6



#18
 Benzo(a)anthracene
 Concen: 0.364 ng/ul
 RT: 21.30 min Scan# 4715
 Delta R.T. 0.05 min
 Lab File: BN006180.D
 Acq: 07 Jun 2019 22:47

Tgt Ion:228 Resp: 31750
 Ion Ratio Lower Upper
 228 100
 229 22.8 16.5 24.7
 226 31.8 22.8 34.2





#19

Chrysene

Concen: 0.401 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

A51D8DL

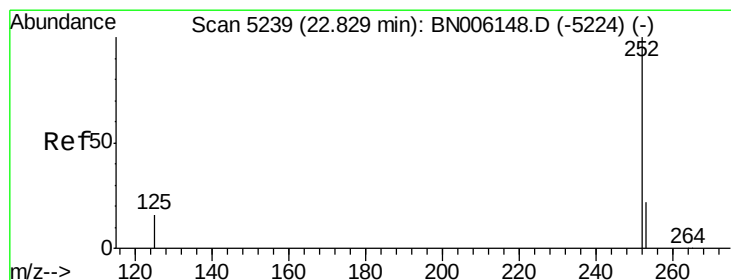
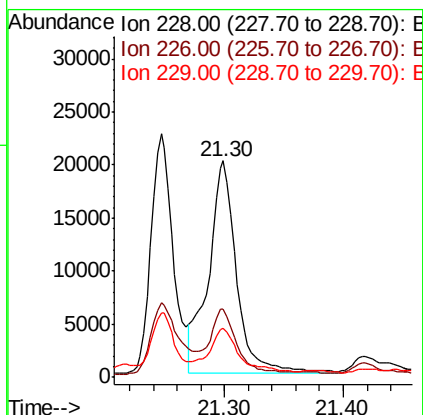
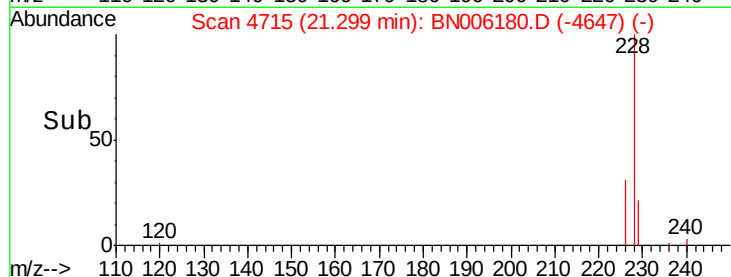
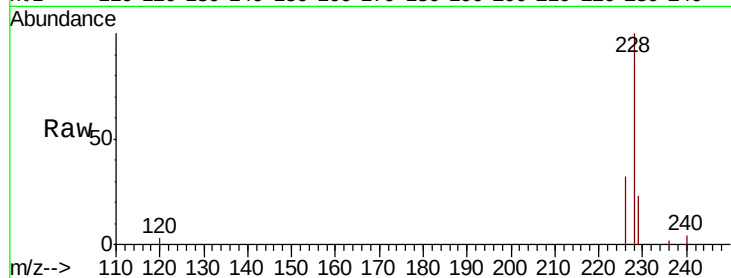
Tgt Ion:228 Resp: 32835

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

229 22.8 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 0.537 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

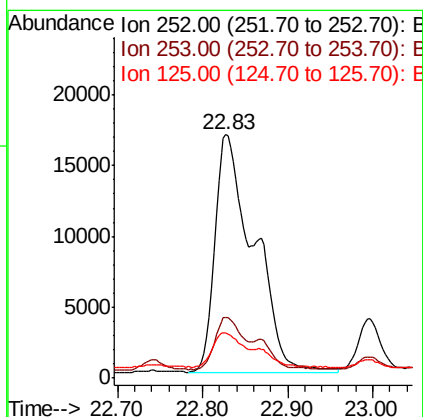
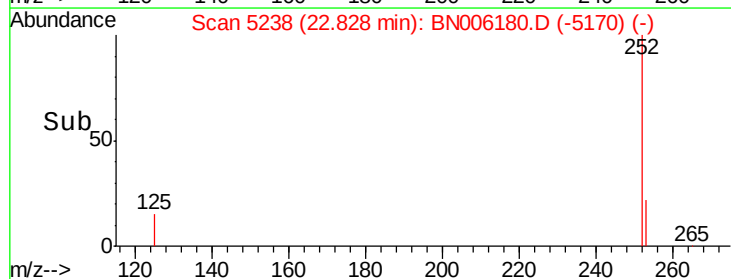
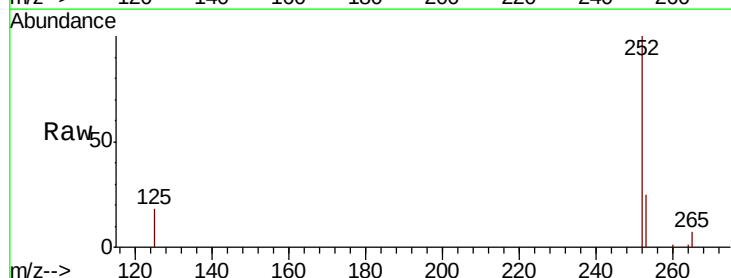
Tgt Ion:252 Resp: 53815

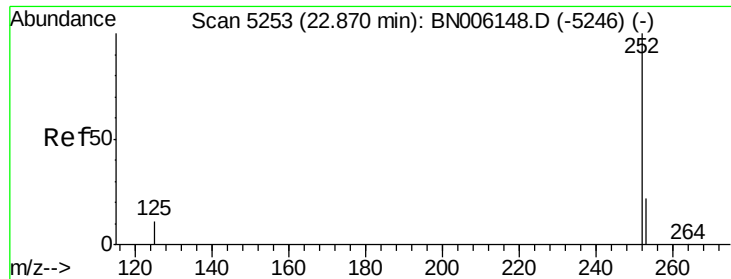
Ion Ratio Lower Upper

252 100

253 25.0 0.0 51.4

125 18.5 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.552 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.04 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

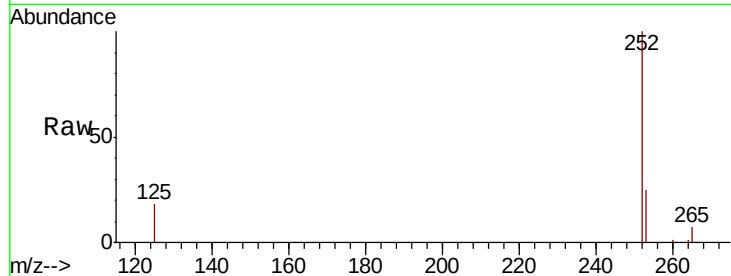
Instrument :

BNA_N

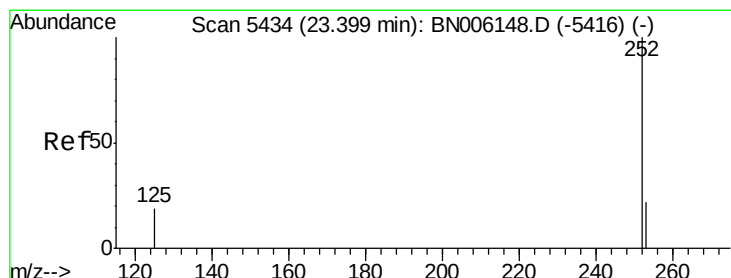
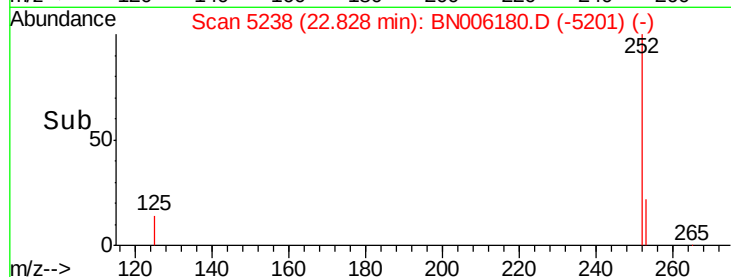
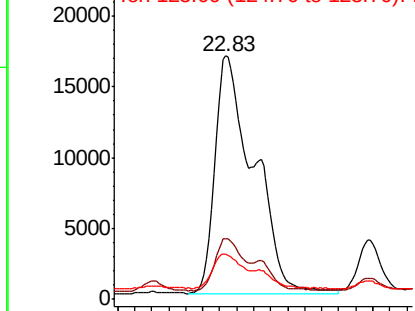
ClientSampleId :

A51D8DL

Tgt Ion:	252	Resp:	53815
Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	18.5	14.3	21.5



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: 0.275 ng/ul

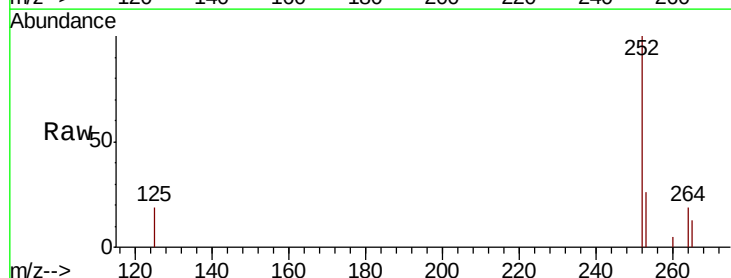
RT: 23.39 min Scan# 5431

Delta R.T. -0.01 min

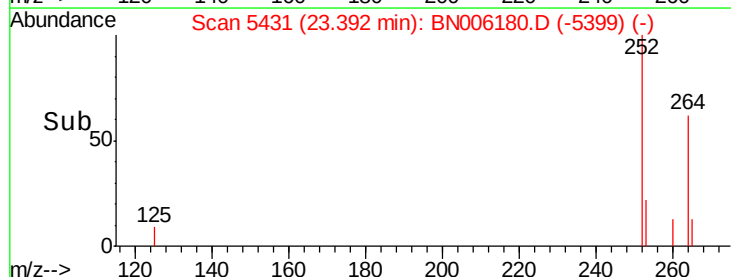
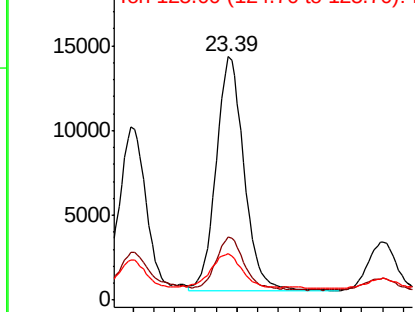
Lab File: BN006180.D

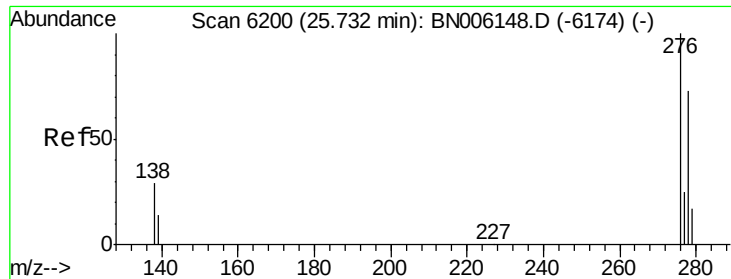
Acq: 07 Jun 2019 22:47

Tgt Ion:	252	Resp:	25658
Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.1	31.7
125	18.9	20.3	30.5#



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



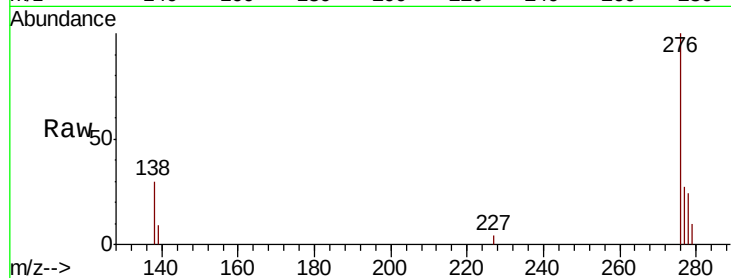


#24

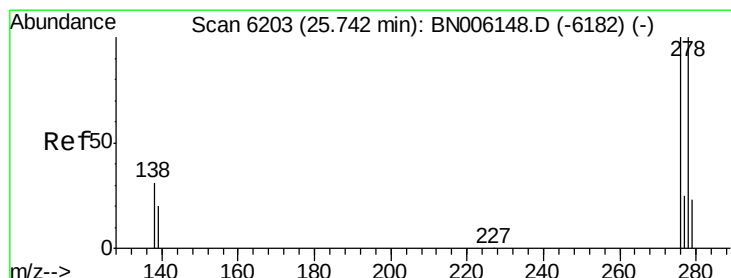
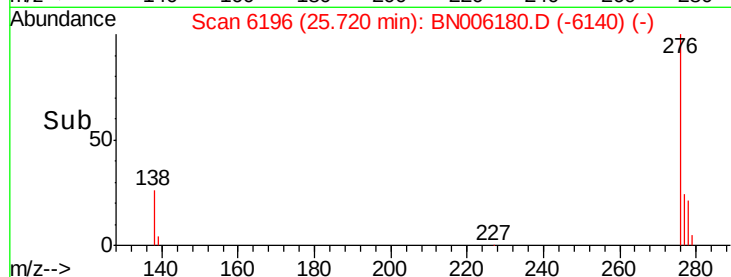
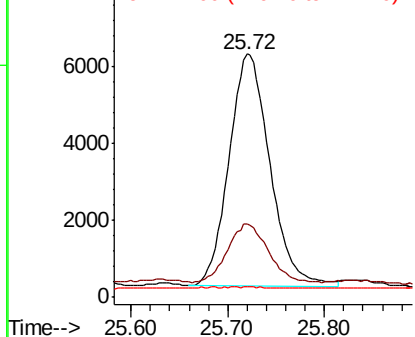
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. -0.01 min
Lab File: BN006180.D
Acq: 07 Jun 2019 22:47

Instrument :
BNA_N
ClientSampleId :
A51D8DL

Tgt Ion: 276 Resp: 17620
Ion Ratio Lower Upper
276 100
138 25.9 25.6 38.4
227 0.0 0.3 0.5#



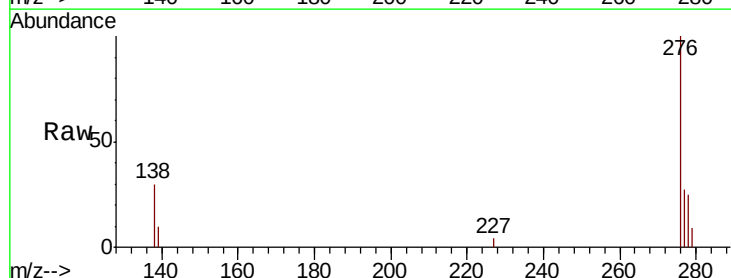
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



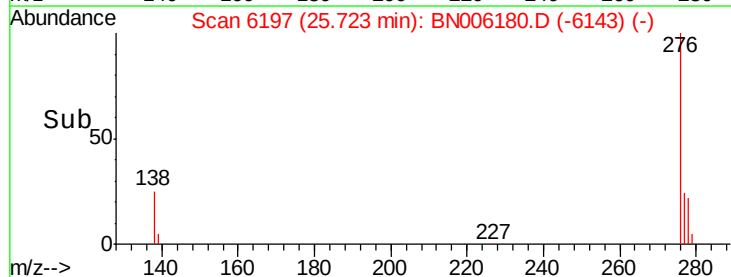
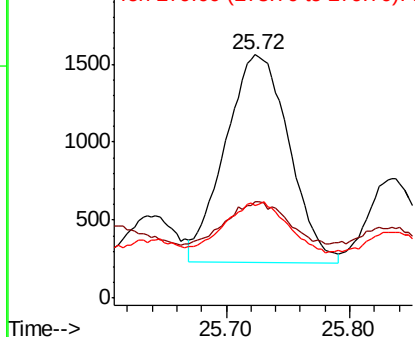
#25

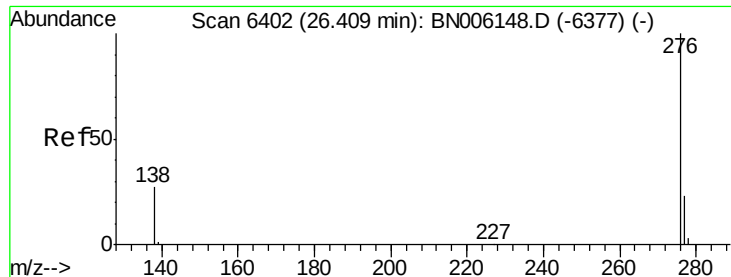
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.02 min
Lab File: BN006180.D
Acq: 07 Jun 2019 22:47

Tgt Ion: 278 Resp: 4777
Ion Ratio Lower Upper
278 100
139 39.8 21.2 31.8#
279 38.2 22.6 33.8#



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: 0.171 ng/ul

RT: 26.40 min Scan# 6400

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

A51D8DL

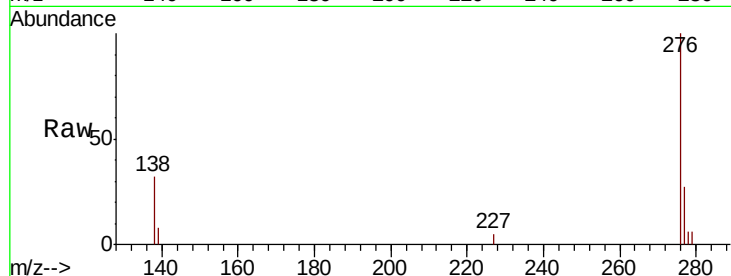
Tgt Ion:276 Resp: 14472

Ion Ratio Lower Upper

276 100

138 31.5 24.2 36.4

277 26.8 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

