

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN006997.D
 Acq On : 07 Aug 2019 20:57
 Operator : HP/JU
 Sample : K3893--15DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 04:52:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	7344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	29517	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18825	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	47819	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	40019	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	35525	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.83	152	2189	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	6447	0.04	ng/ul	0.00

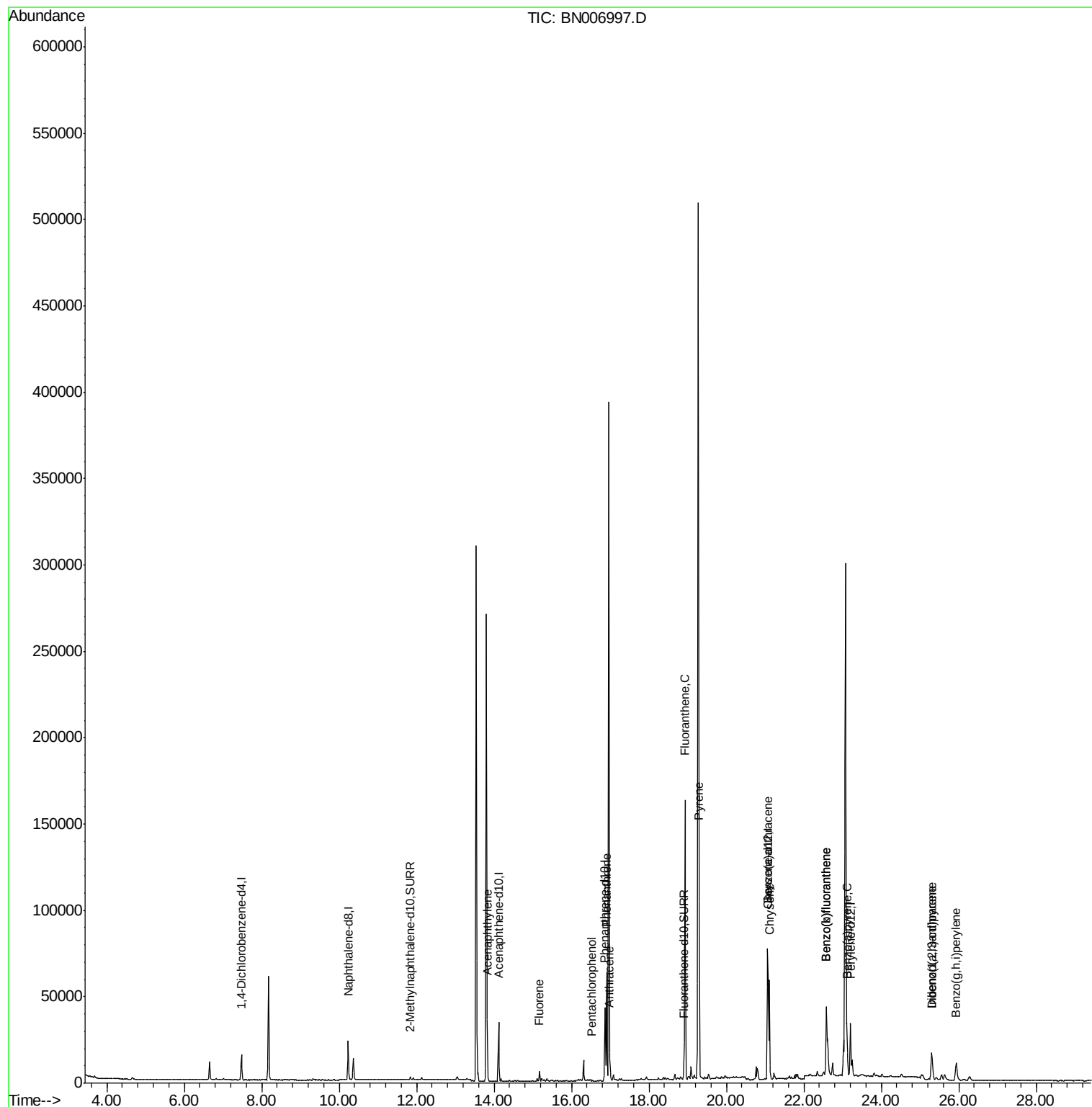
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	13.83	152	6965	0.064	ng/ul	97
9) Fluorene	15.17	166	3713	0.041	ng/ul	99
11) Pentachlorophenol	16.52	266	383	0.029	ng/ul#	79
12) Phenanthrene	16.90	178	66153	0.434	ng/ul	99
13) Anthracene	16.99	178	10576	0.068	ng/ul	97
15) Fluoranthene	18.93	202	135275	0.714	ng/ul	98
17) Pyrene	19.29	202	99920	0.559	ng/ul	99
18) Benzo(a)anthracene	21.06	228	54825	0.312	ng/ul	96
19) Chrysene	21.11	228	54910	0.334	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	86279	0.599	ng/ul	96
22) Benzo(k)fluoranthene	22.58	252	86279	0.618	ng/ul#	96
23) Benzo(a)pyrene	23.11	252	37773	0.279	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	24504	0.168	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.31	278	6474	0.055	ng/ul#	74
26) Benzo(g,h,i)perylene	25.94	276	20666	0.169	ng/ul	97

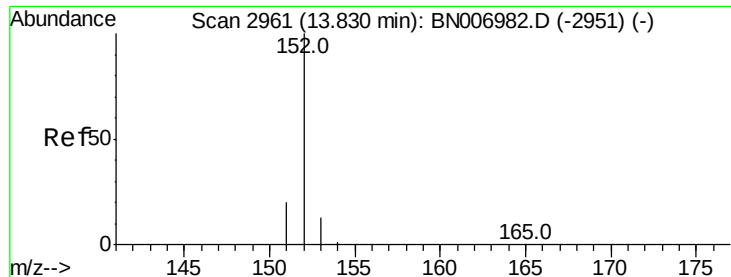
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN006997.D
Acq On : 07 Aug 2019 20:57
Operator : HP/JU
Sample : K3893--15DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 04:52:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

ClientSampleId :

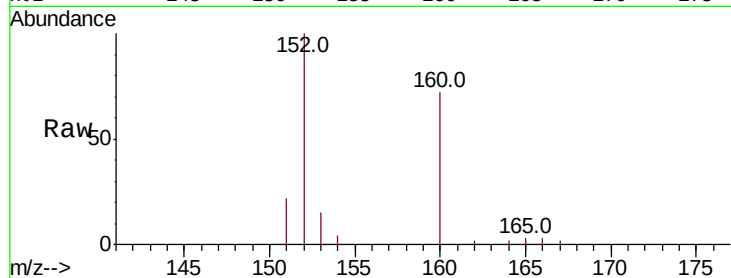
Tot Ion:152 Resp: 6965

Ion Ratio Lower Upper

152 100

151 21.6 16.3 24.5

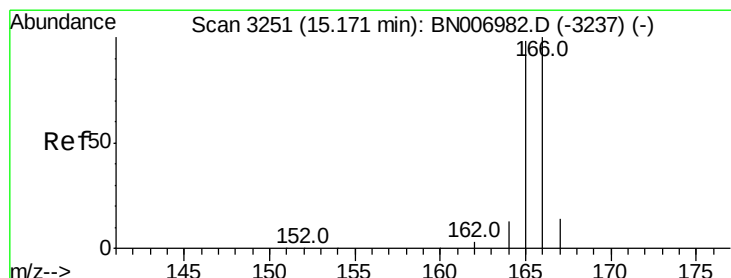
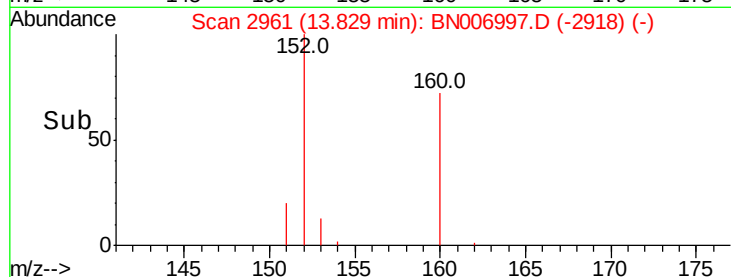
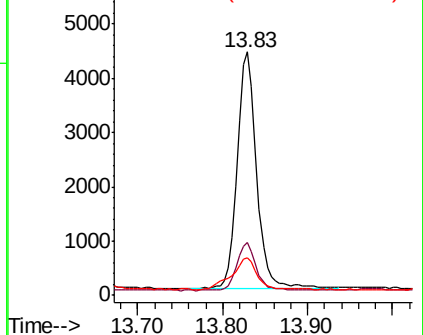
153 15.2 11.0 16.4



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: 0.041 ng/ul

RT: 15.17 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

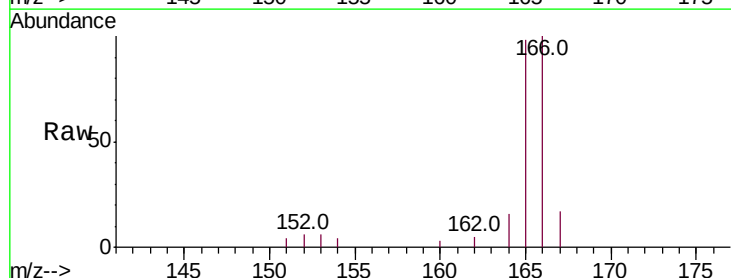
Tgt Ion:166 Resp: 3713

Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

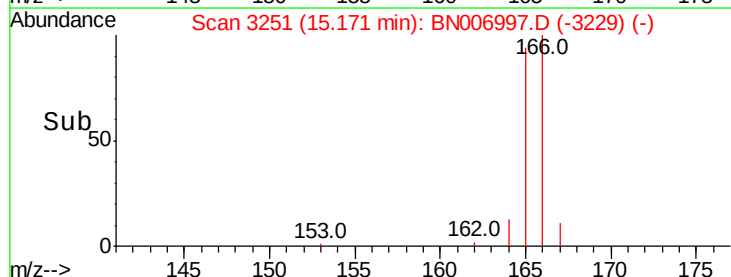
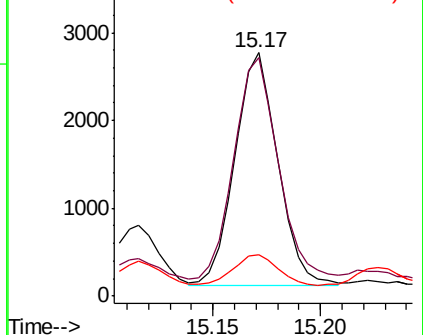
167 16.9 11.3 16.9

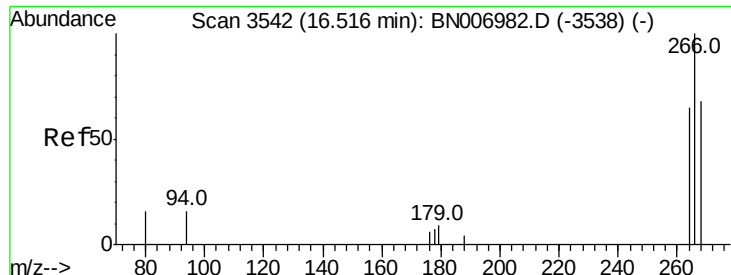


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

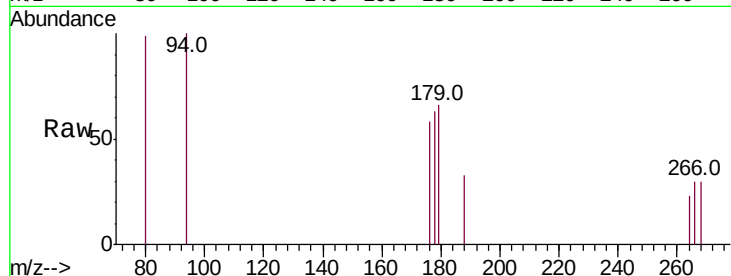




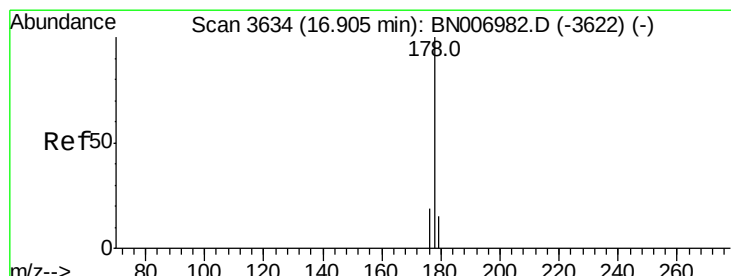
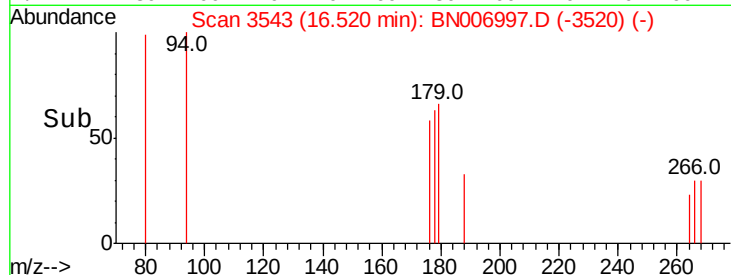
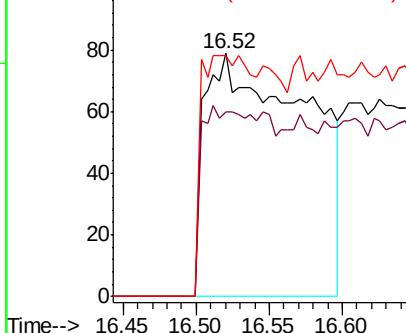
#11
 Pentachlorophenol
 Concen: 0.029 ng/ul
 RT: 16.52 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: BN006997.D
 Acq: 07 Aug 2019 20:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 383
 Ion Ratio Lower Upper
 266 100
 264 87.2 55.7 83.5#
 268 113.3 75.2 112.8#

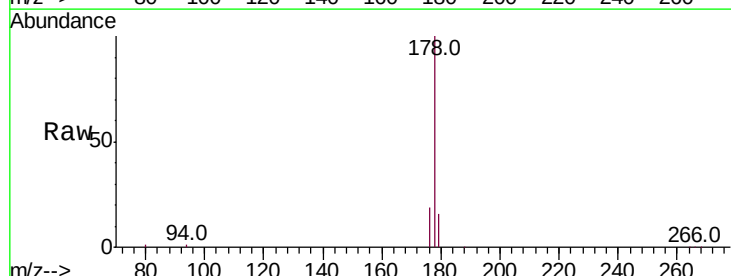


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

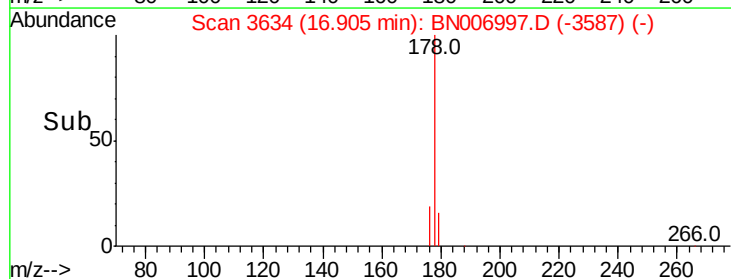
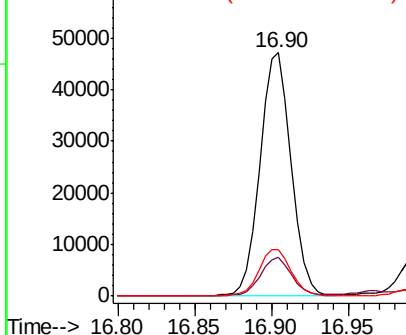


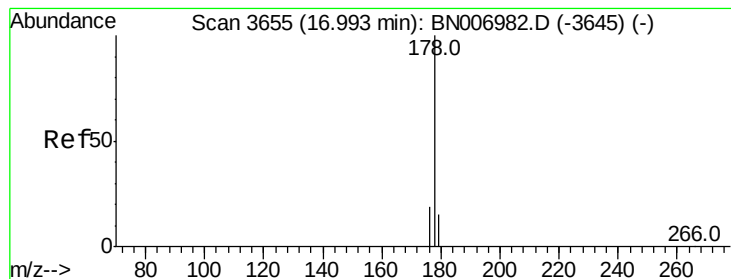
#12
 Phenanthrene
 Concen: 0.434 ng/ul
 RT: 16.90 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: BN006997.D
 Acq: 07 Aug 2019 20:57

Tgt Ion:178 Resp: 66153
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 19.0 15.6 23.4



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: 0.068 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

ClientSampleId :

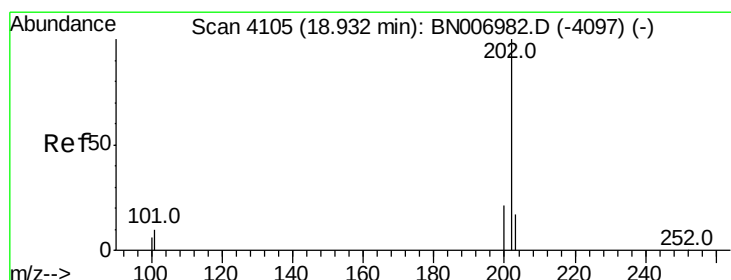
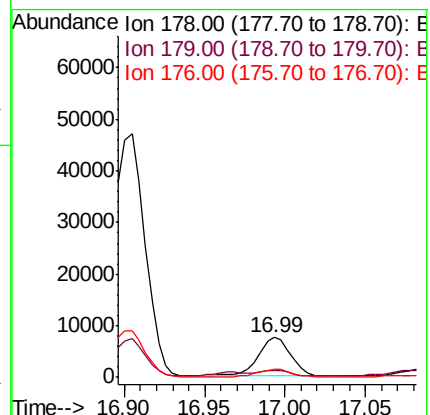
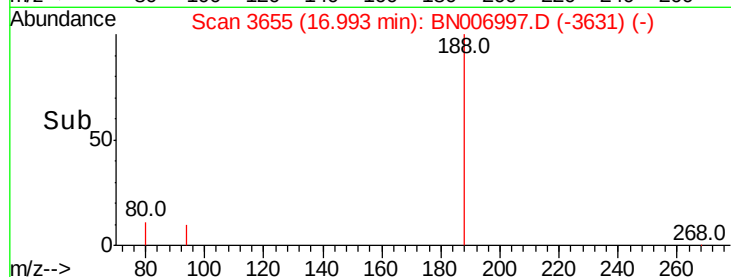
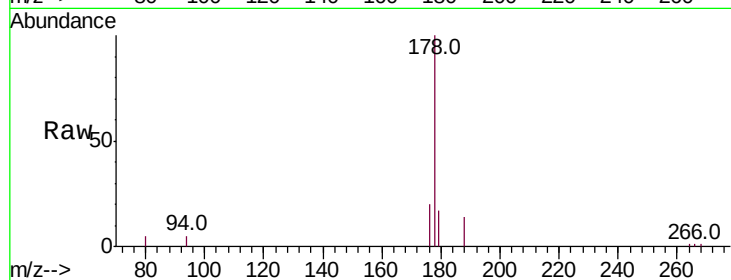
Tot Ion:178 Resp: 10576

Ion Ratio Lower Upper

178 100

179 17.3 12.6 18.8

176 20.1 15.4 23.0



#15

Fluoranthene

Concen: 0.714 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

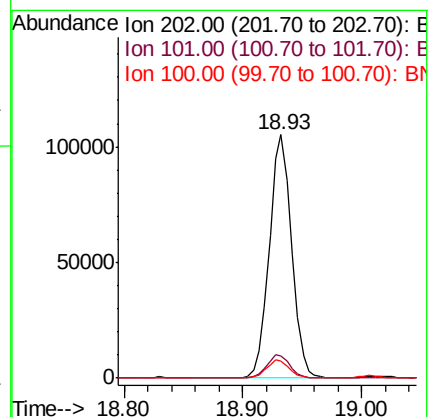
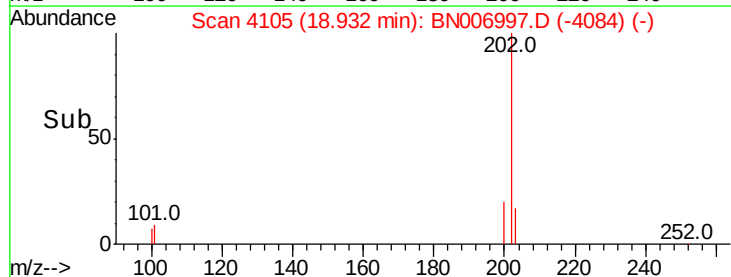
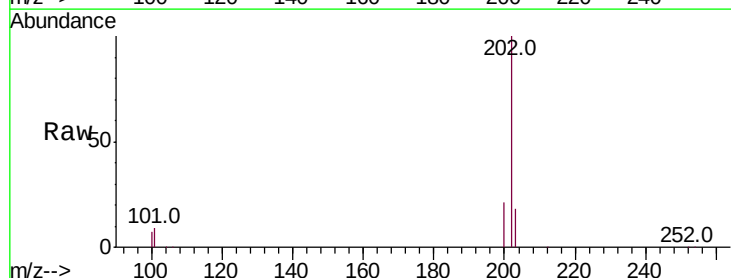
Tgt Ion:202 Resp: 135275

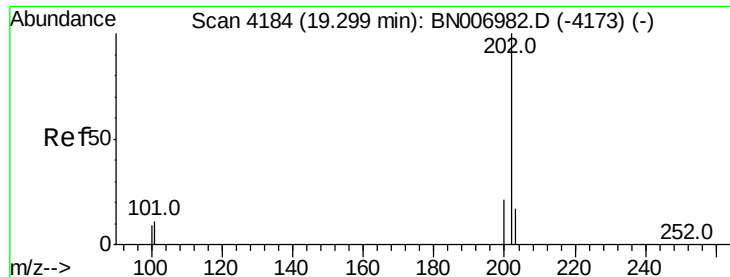
Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

100 7.0 0.0 27.7

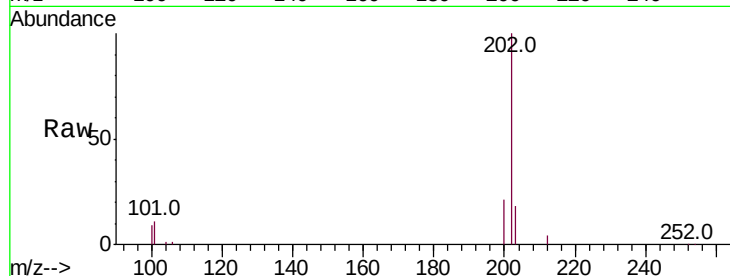




#17
Pvrene
Concen: 0.559 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN006997.D
Acq: 07 Aug 2019 20:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.3	13.9
100	8.8	7.3	10.9

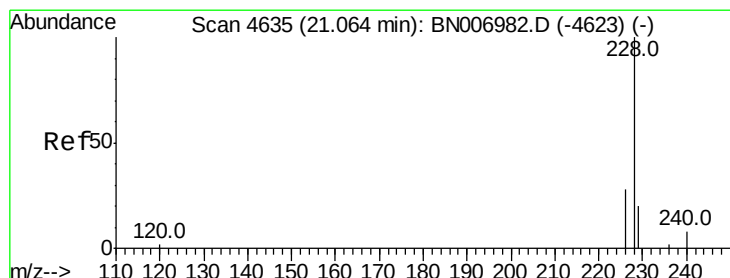
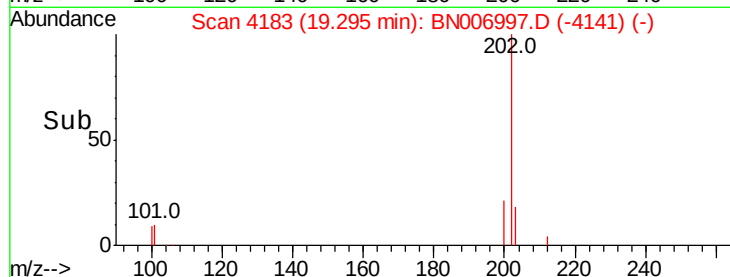
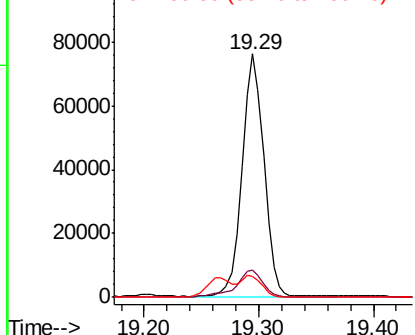


Abundance

Ion 202.00 (201.70 to 202.70): E

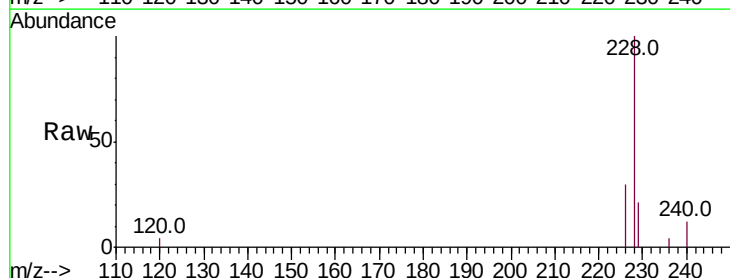
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN006997.D
Acq: 07 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	30.2	22.2	33.4

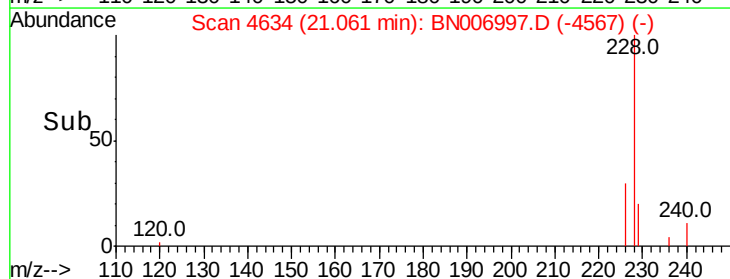
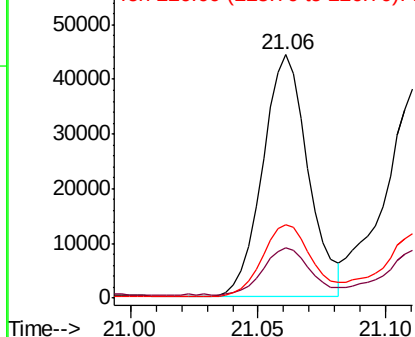


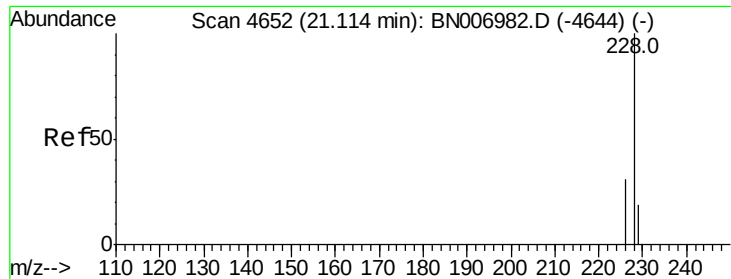
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.334 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

ClientSampled :

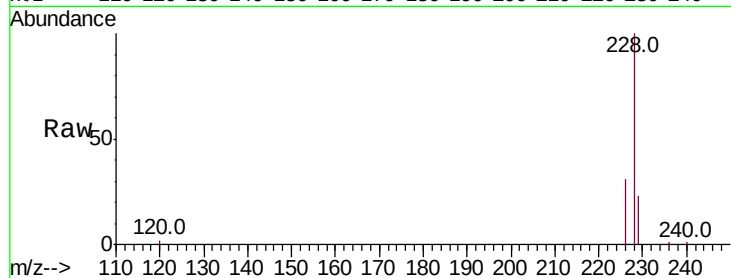
Tot Ion:228 Resp: 54910

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

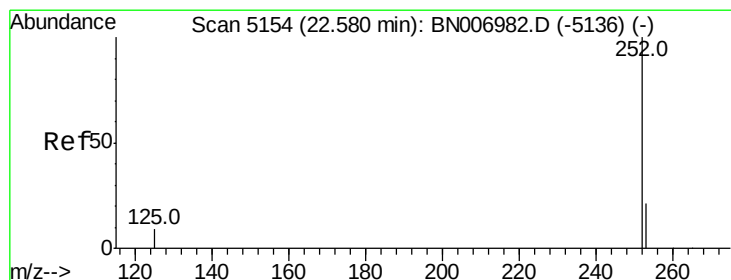
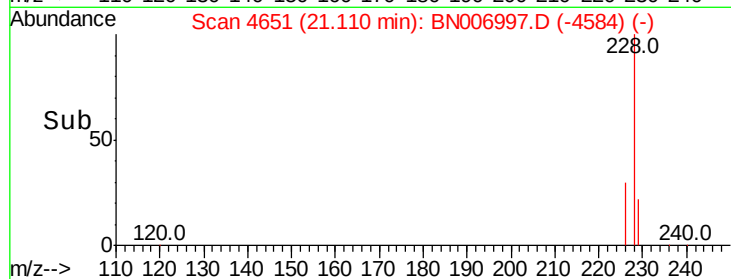
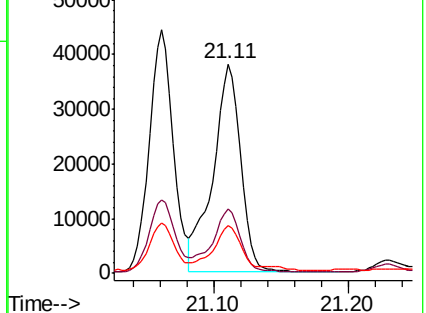
229 22.8 15.5 23.3



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: 0.599 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

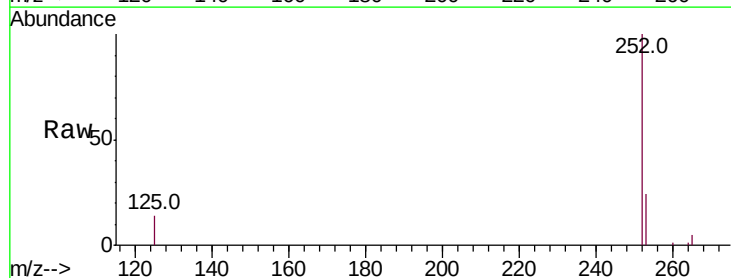
Tgt Ion:252 Resp: 86279

Ion Ratio Lower Upper

252 100

253 23.7 0.0 45.2

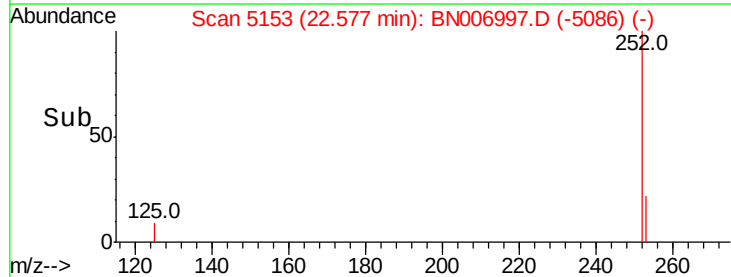
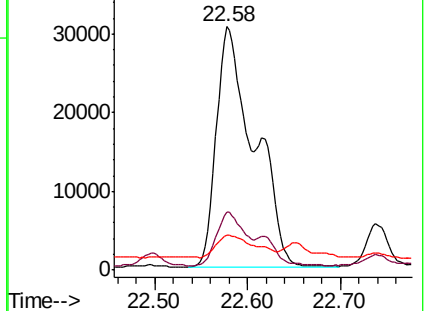
125 14.5 0.0 22.2

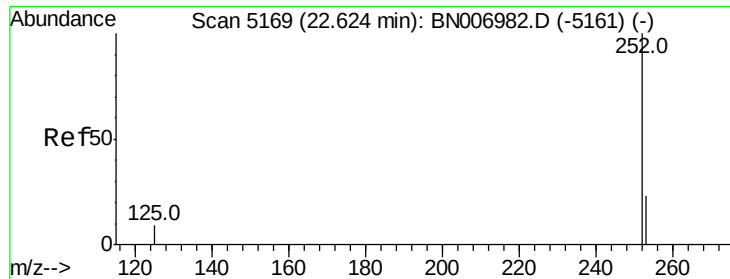


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.618 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.05 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

ClientSampleId :

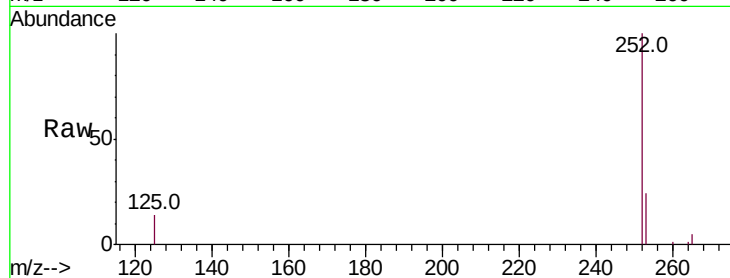
Tot Ion:252 Resp: 86279

Ion Ratio Lower Upper

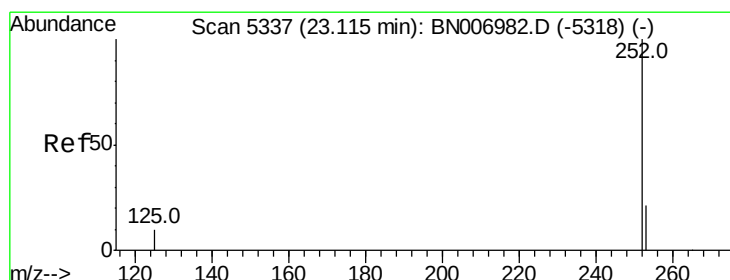
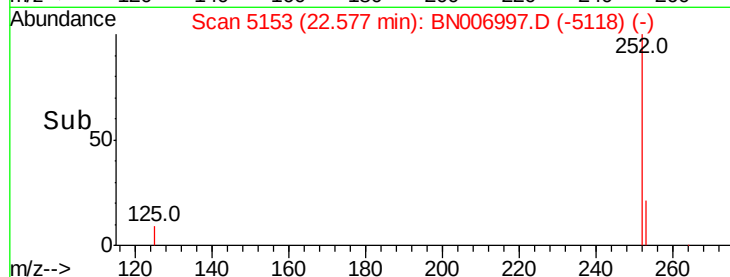
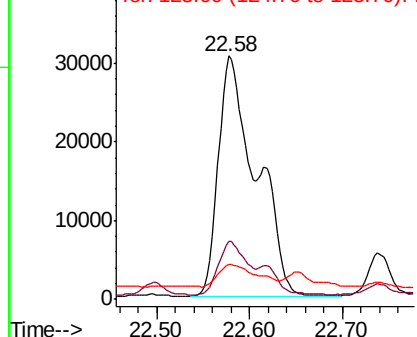
252 100

253 23.7 18.6 28.0

125 14.5 8.7 13.1#



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: 0.279 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

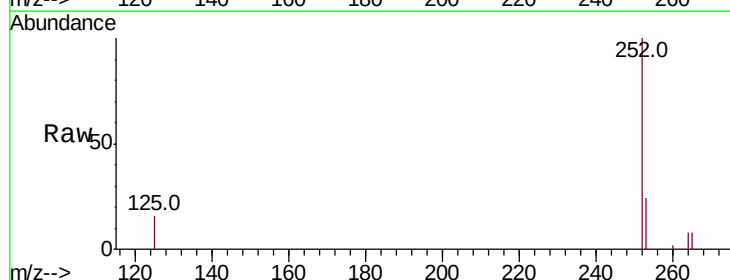
Tgt Ion:252 Resp: 37773

Ion Ratio Lower Upper

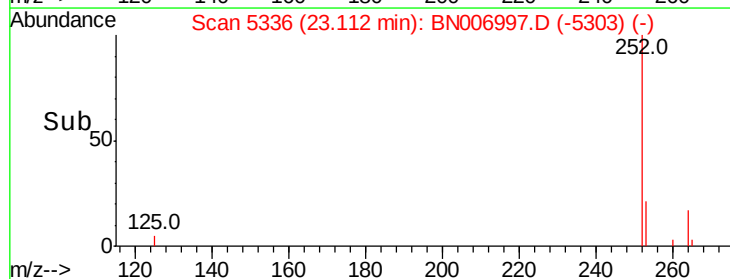
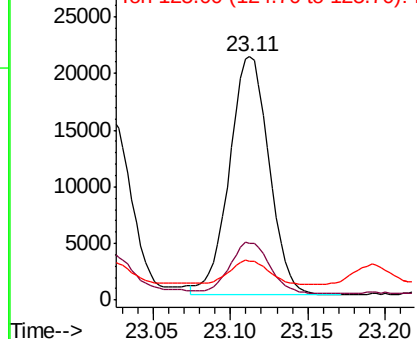
252 100

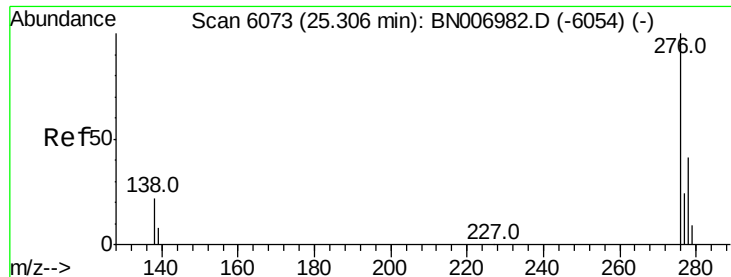
253 23.5 18.0 27.0

125 16.0 10.0 15.0#



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

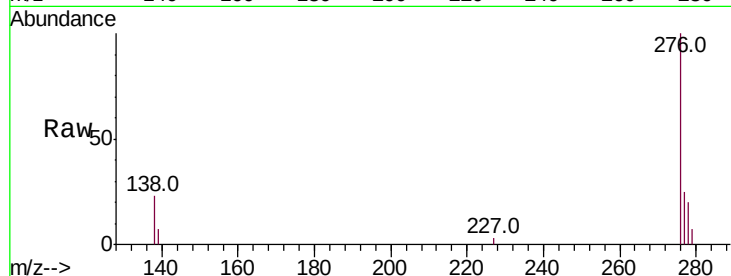




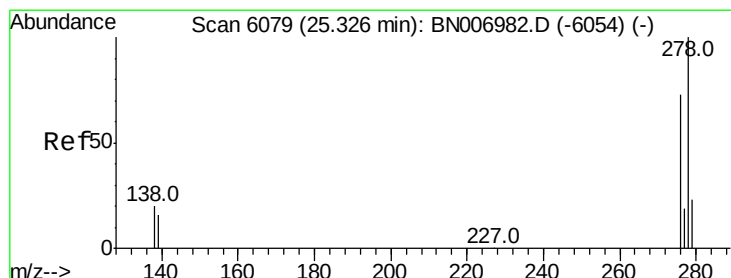
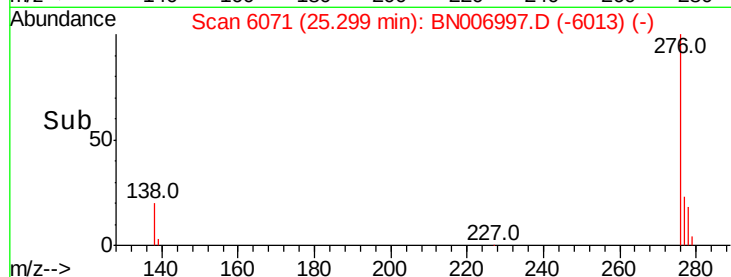
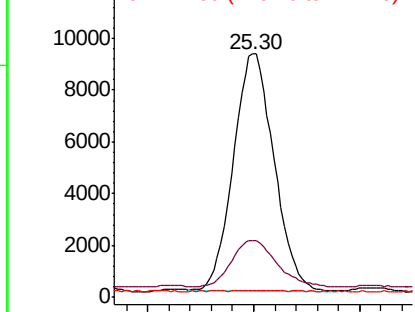
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.168 ng/ul
 RT: 25.30 min Scan# 6071
 Delta R.T. -0.01 min
 Lab File: BN006997.D
 Acq: 07 Aug 2019 20:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 24504
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.9 29.9
 227 0.0 0.2 0.4#

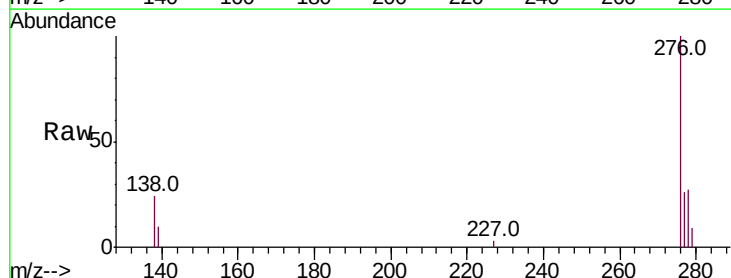


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

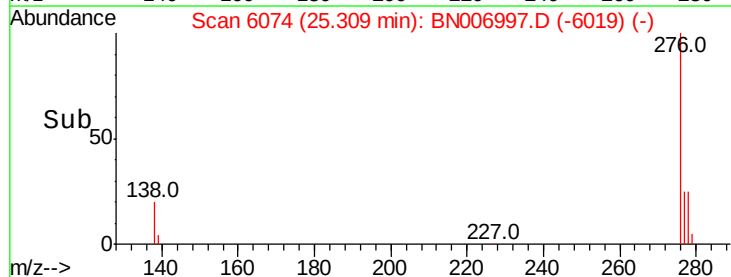
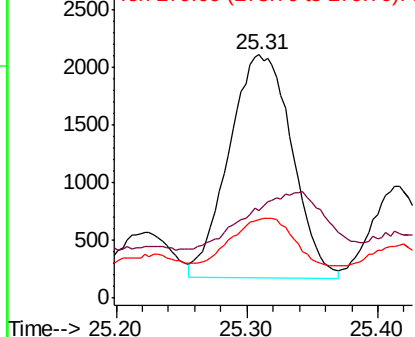


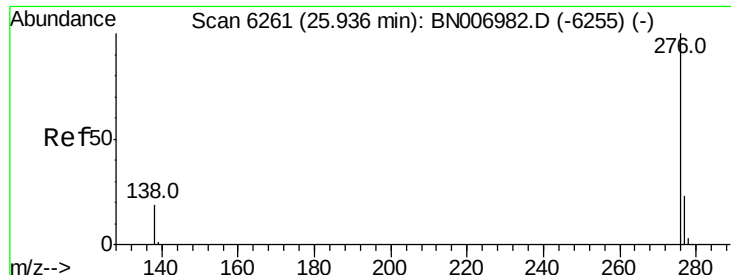
#25
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/ul
 RT: 25.31 min Scan# 6074
 Delta R.T. -0.02 min
 Lab File: BN006997.D
 Acq: 07 Aug 2019 20:57

Tgt Ion:278 Resp: 6474
 Ion Ratio Lower Upper
 278 100
 139 36.2 14.3 21.5#
 279 32.1 19.6 29.4#



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(a,h,i)perylene

Concen: 0.169 ng/ul

RT: 25.94 min Scan# 6261

Delta R.T. -0.00 min

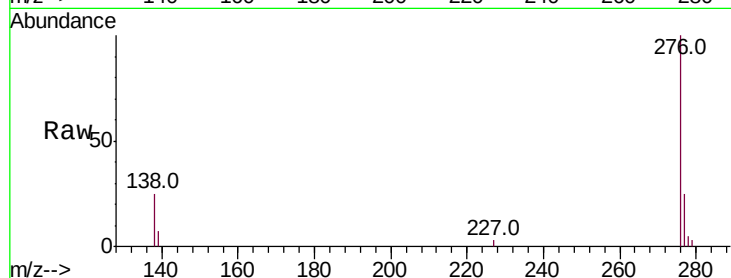
Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 20666

Ion Ratio Lower Upper

276 100

138 24.8 18.7 28.1

277 25.5 19.3 28.9

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

