

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006219.D
 Acq On : 10 Jun 2019 13:07
 Operator : JU/SJ
 Sample : K3016-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:15 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

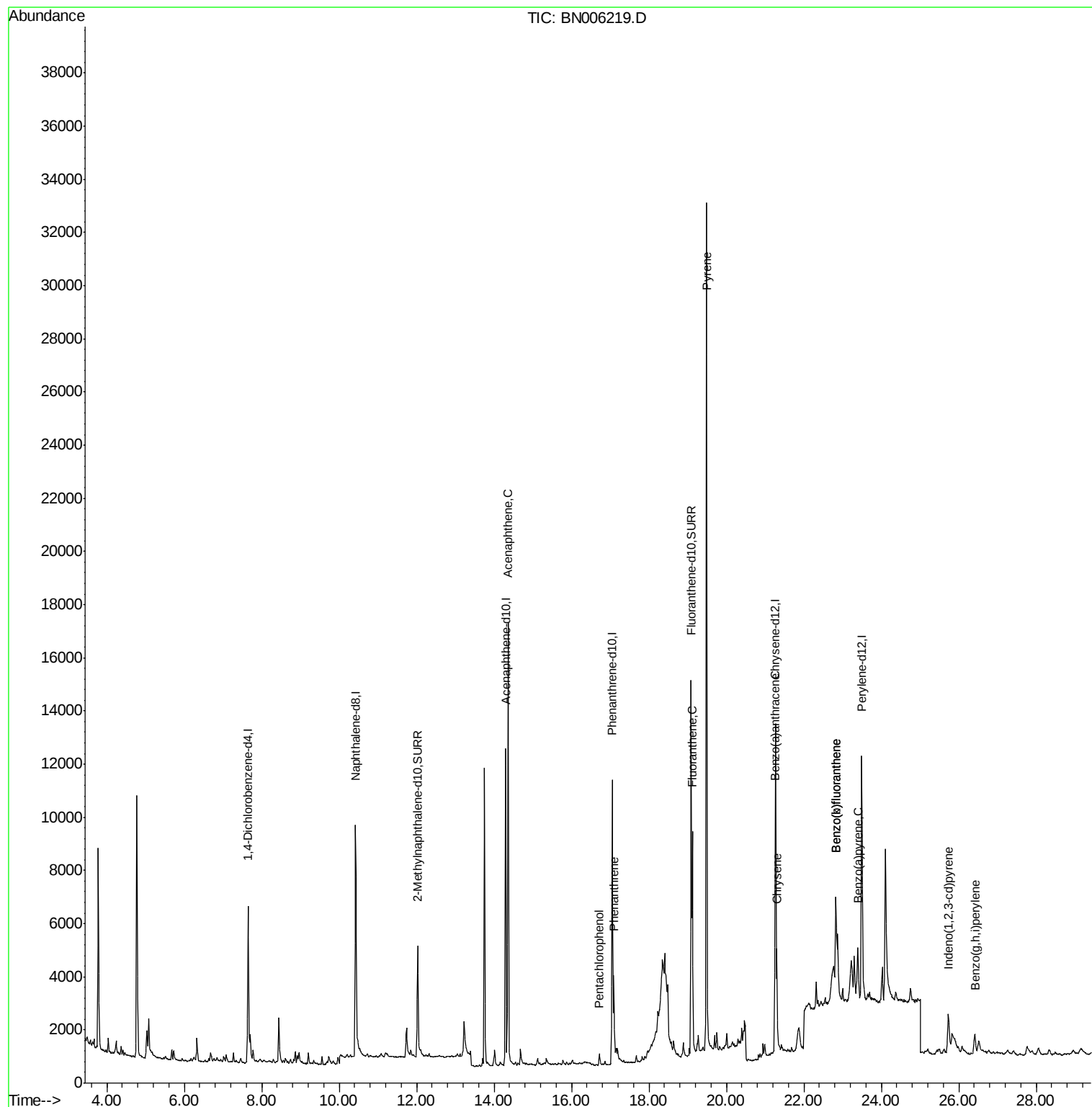
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3608	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13833	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7013	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	13907	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11511	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	12675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6942	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15087	0.40	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.36	153	9721	0.359	ng/ul	99
11) Pentachlorophenol	16.71	266	464	0.131	ng/ul	96
12) Phenanthrene	17.09	178	3301	0.074	ng/ul#	93
15) Fluoranthene	19.12	202	7049	0.143	ng/ul	92
17) Pyrene	19.49	202	26801	0.442	ng/ul	99
18) Benzo(a)anthracene	21.25	228	2955	0.058	ng/ul#	82
19) Chrysene	21.30	228	3485	0.073	ng/ul#	92
21) Benzo(b)fluoranthene	22.83	252	7138	0.135	ng/ul#	36
22) Benzo(k)fluoranthene	22.83	252	7138	0.139	ng/ul#	33
23) Benzo(a)pyrene	23.40	252	2566	0.052	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	25.73	276	2306	0.043	ng/ul#	40
26) Benzo(g,h,i)perylene	26.41	276	1706	0.038	ng/ul#	64

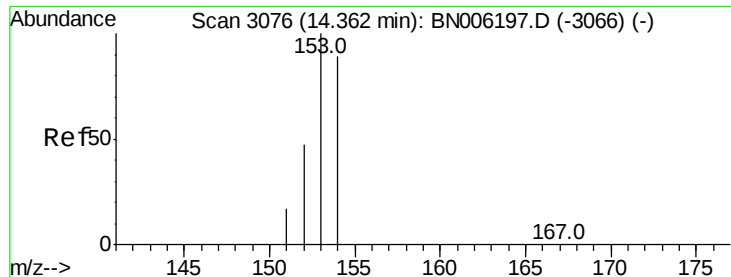
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.359 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

Instrument :

BNA_N

ClientSampleId :

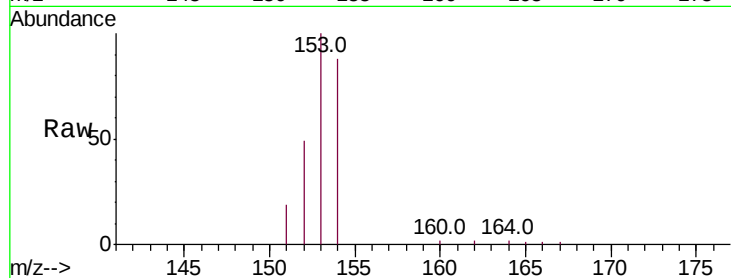
Tot Ion:153 Resp: 9721

Ion Ratio Lower Upper

153 100

152 49.3 39.1 58.7

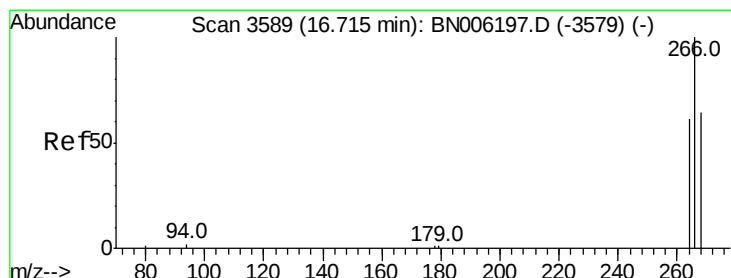
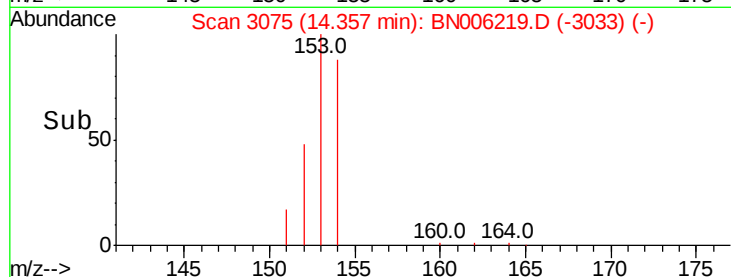
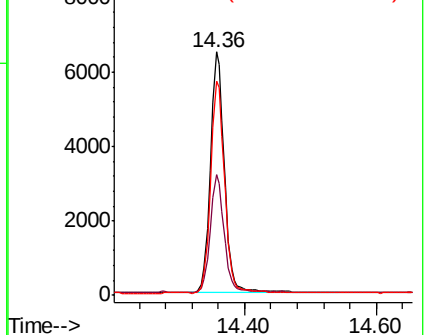
154 87.9 71.1 106.7



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



#11

Pentachlorophenol

Concen: 0.131 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

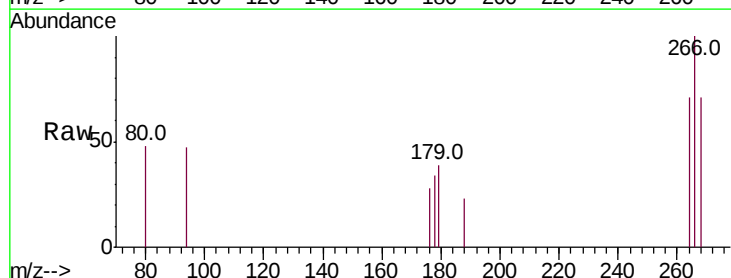
Tgt Ion:266 Resp: 464

Ion Ratio Lower Upper

266 100

264 57.1 50.3 75.5

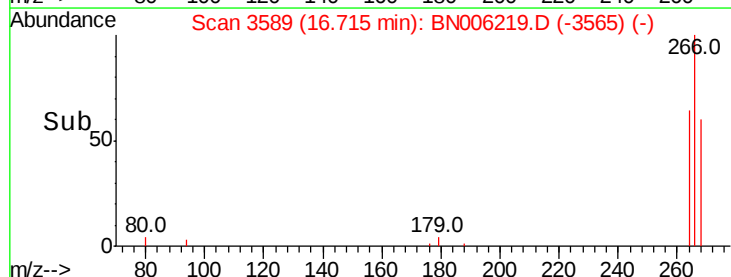
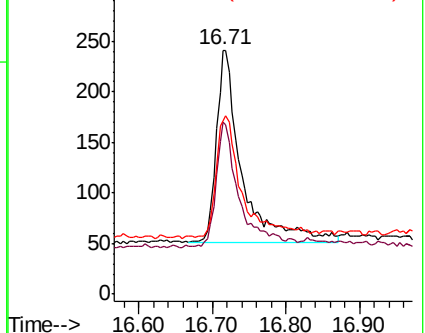
268 64.2 51.3 76.9

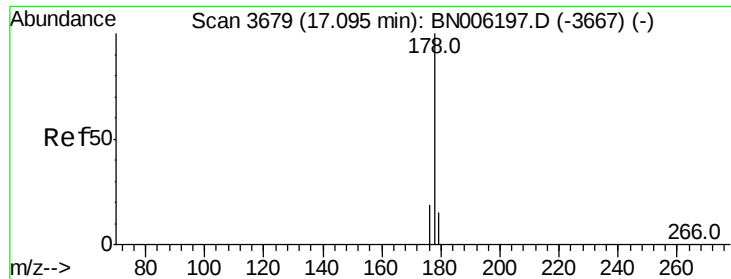


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.074 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

Instrument :

BNA_N

ClientSampleId :

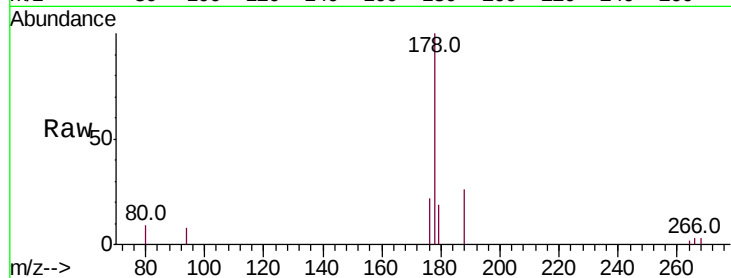
Tot Ion:178 Resp: 3301

Ion Ratio Lower Upper

178 100

179 18.7 12.3 18.5#

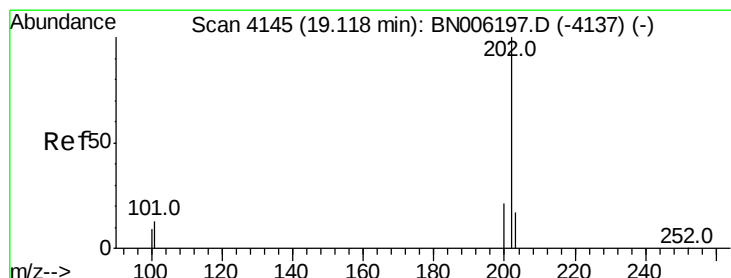
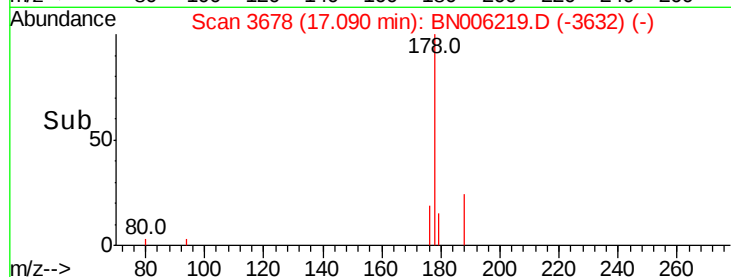
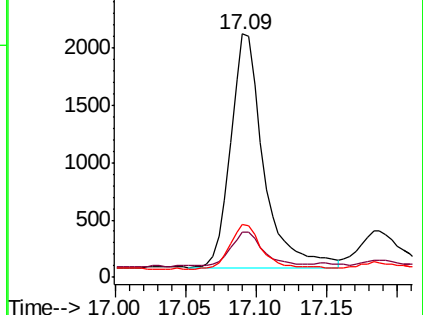
176 21.6 15.3 22.9



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



#15

Fluoranthene

Concen: 0.143 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

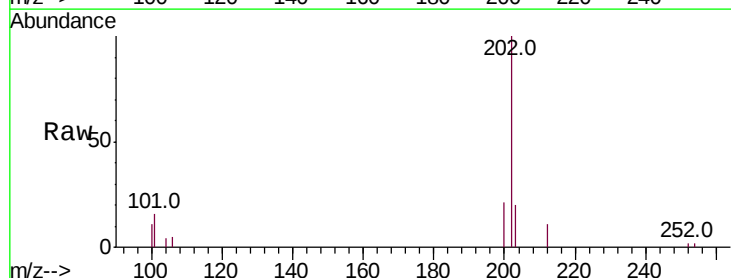
Tgt Ion:202 Resp: 7049

Ion Ratio Lower Upper

202 100

101 15.7 0.0 32.1

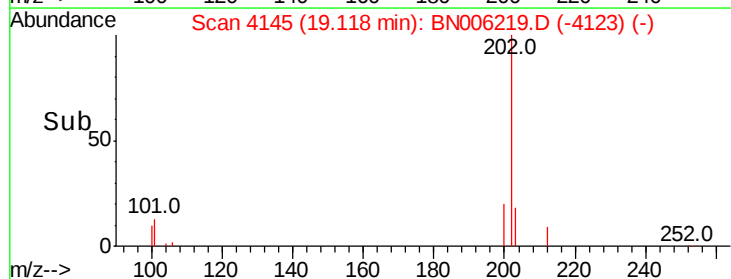
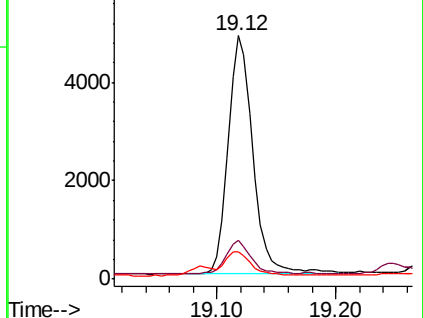
100 11.0 0.0 28.7

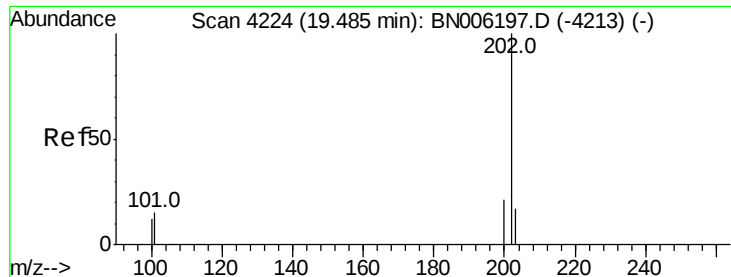


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

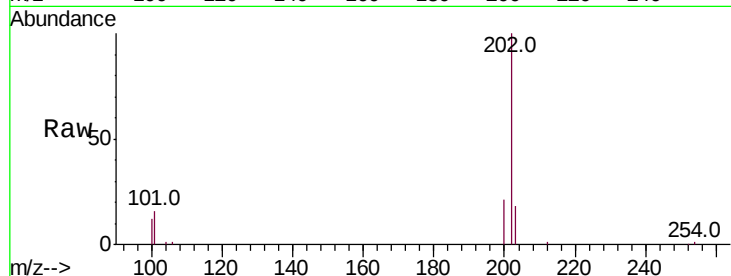




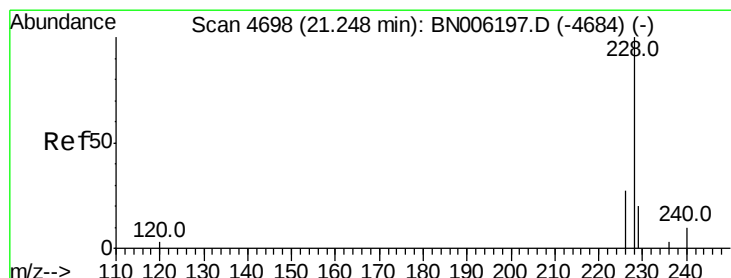
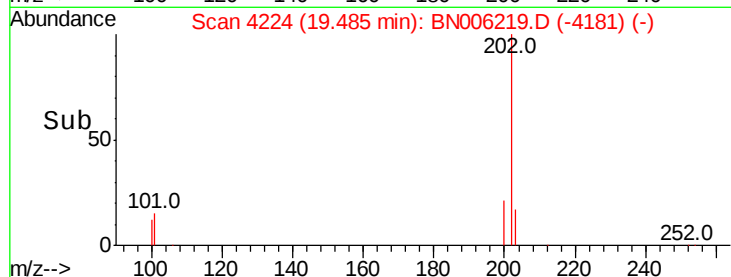
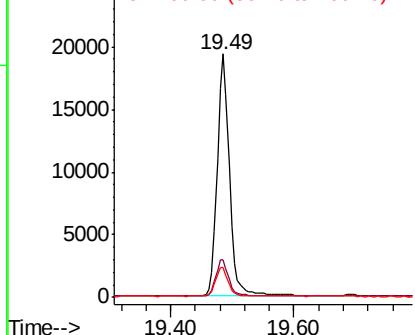
#17
Pvrene
Concen: 0.442 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006219.D
Acq: 10 Jun 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 26801
Ion Ratio Lower Upper
202 100
101 15.7 12.2 18.2
100 12.1 9.8 14.6

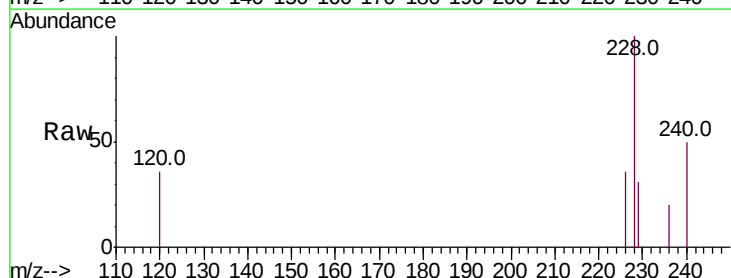


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

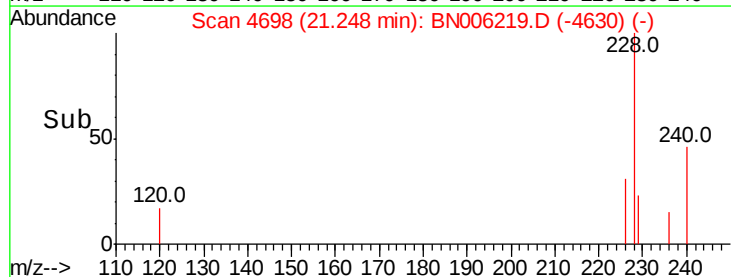
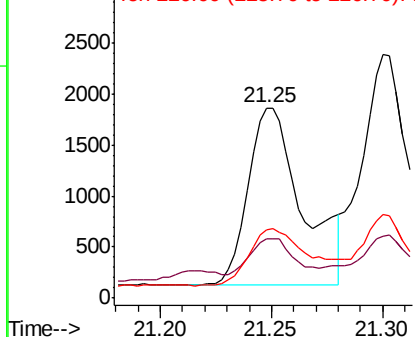


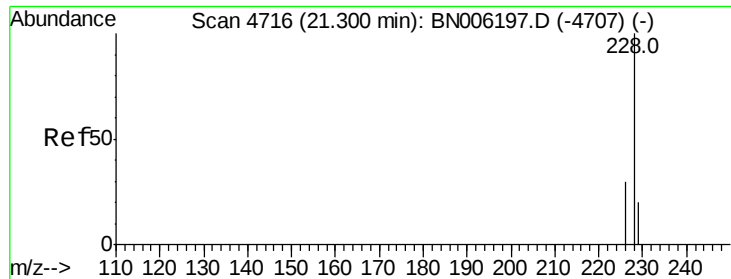
#18
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN006219.D
Acq: 10 Jun 2019 13:07

Tgt Ion:228 Resp: 2955
Ion Ratio Lower Upper
228 100
229 31.1 16.5 24.7#
226 36.1 22.8 34.2#



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: 0.073 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

Instrument :

BNA_N

ClientSampleId :

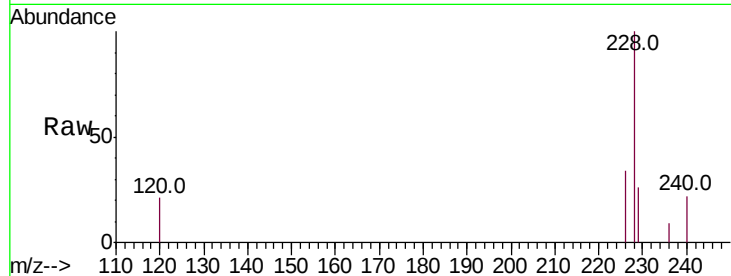
Tot Ion:228 Resp: 3485

Ion Ratio Lower Upper

228 100

226 34.4 25.0 37.6

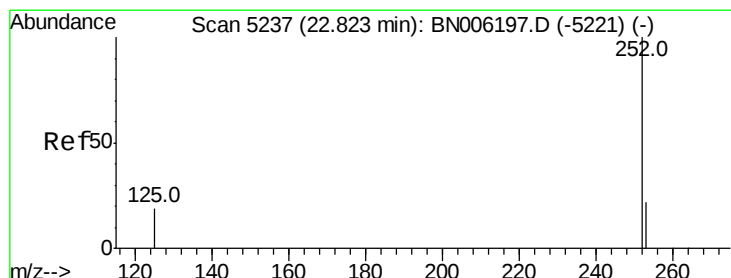
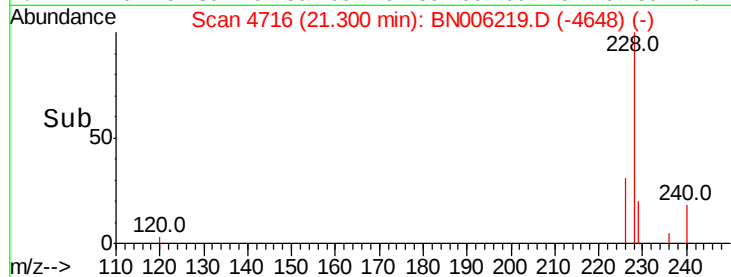
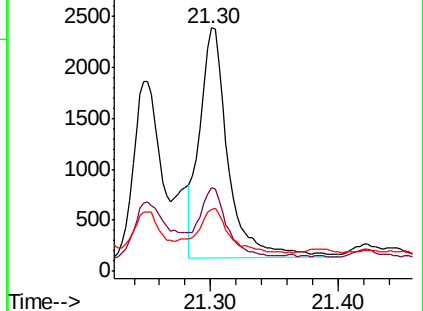
229 25.6 16.3 24.5#



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: 0.135 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.01 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

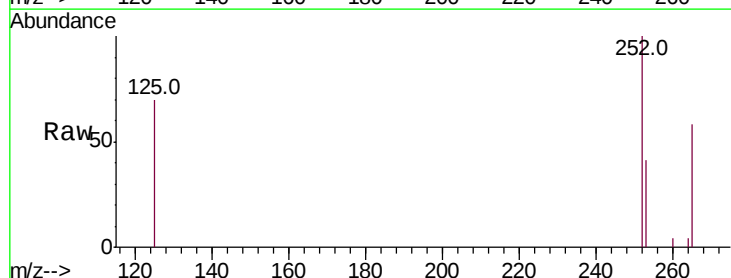
Tgt Ion:252 Resp: 7138

Ion Ratio Lower Upper

252 100

253 41.0 0.0 51.4

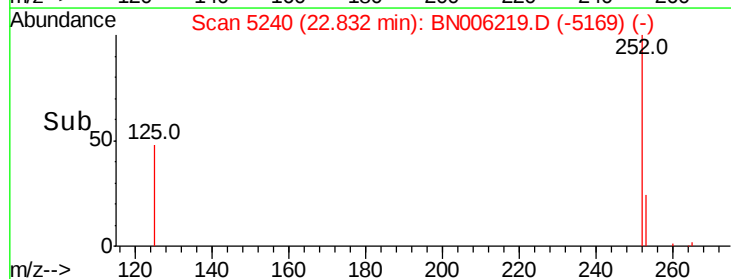
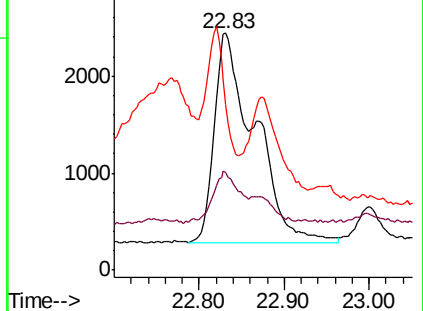
125 69.7 0.0 41.0#

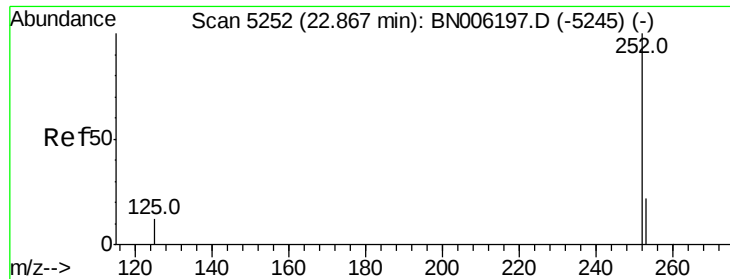


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.139 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.04 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

Instrument :

BNA_N

ClientSampleId :

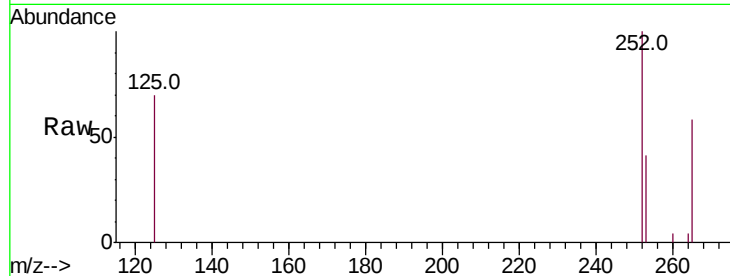
Tot Ion:252 Resp: 7138

Ion Ratio Lower Upper

252 100

253 41.0 20.3 30.5#

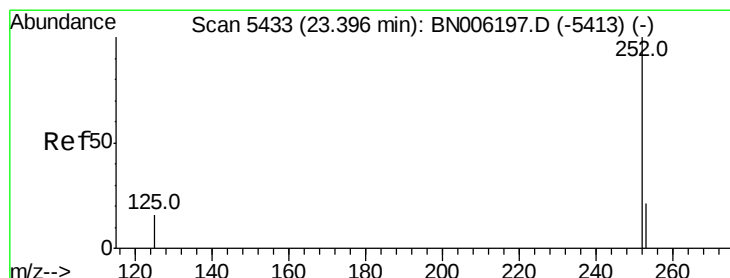
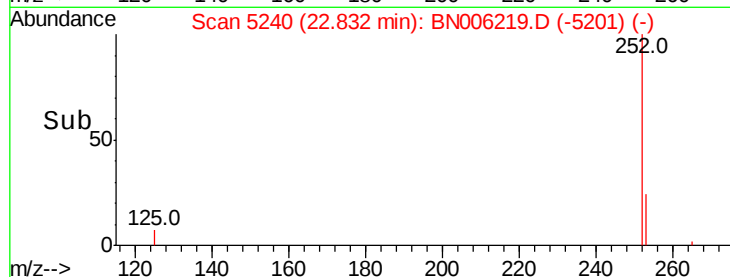
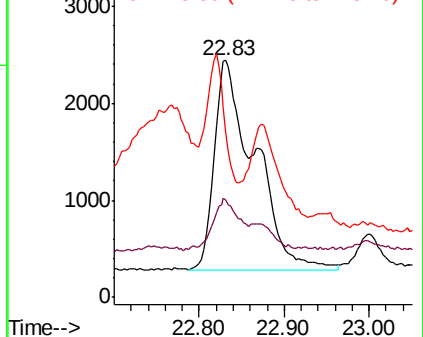
125 69.7 14.3 21.5#



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: 0.052 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.00 min

Lab File: BN006219.D

Acq: 10 Jun 2019 13:07

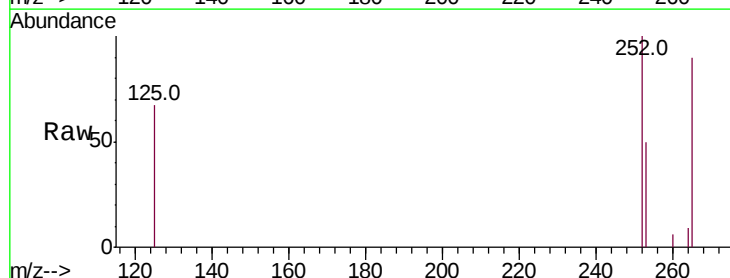
Tgt Ion:252 Resp: 2566

Ion Ratio Lower Upper

252 100

253 50.3 21.1 31.7#

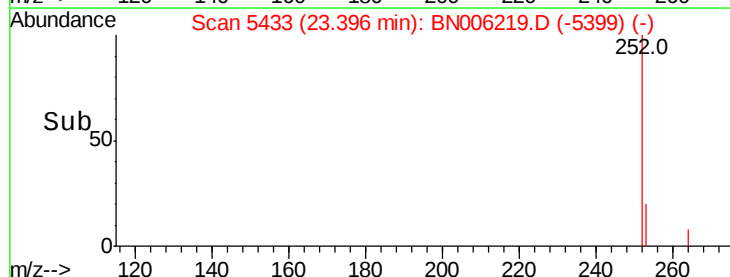
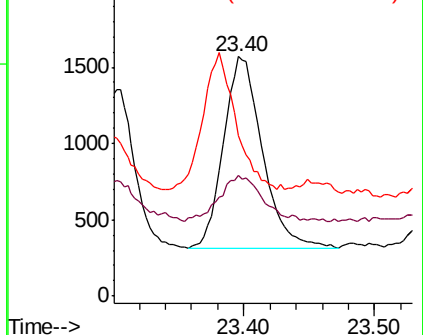
125 67.0 20.3 30.5#

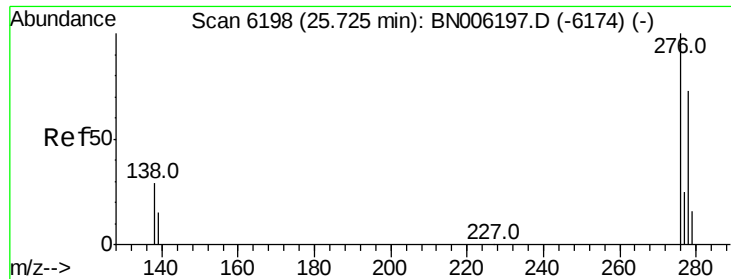


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

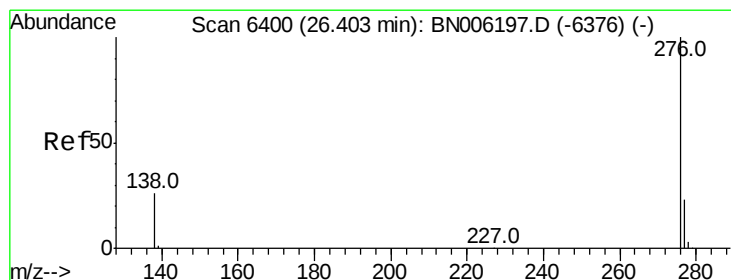
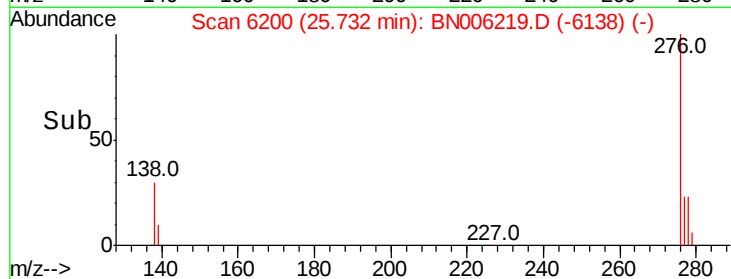
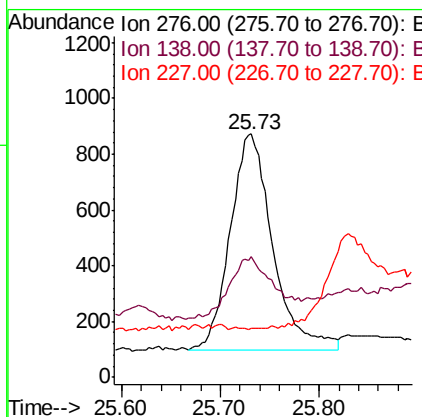
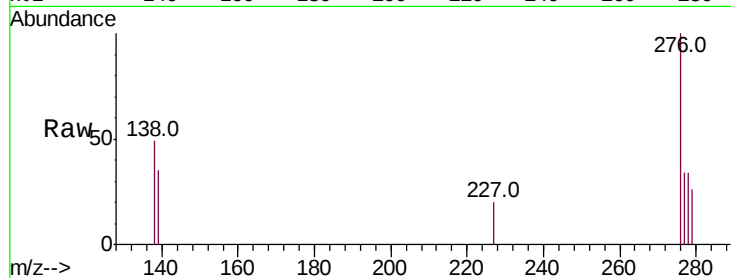




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. 0.01 min
 Lab File: BN006219.D
 Acq: 10 Jun 2019 13:07

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 2306
 Ion Ratio Lower Upper
 276 100
 138 66.0 25.6 38.4#
 227 0.0 0.3 0.5#



#26
 Benzo(g,h,i)perylene
 Concen: 0.038 ng/ul
 RT: 26.41 min Scan# 6402
 Delta R.T. 0.01 min
 Lab File: BN006219.D
 Acq: 10 Jun 2019 13:07

Tgt Ion:276 Resp: 1706
 Ion Ratio Lower Upper
 276 100
 138 55.7 24.2 36.4#
 277 38.8 21.5 32.3#

