

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006286.D
 Acq On : 12 Jun 2019 18:27
 Operator : JU/SJ
 Sample : K3083-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 01:22:11 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

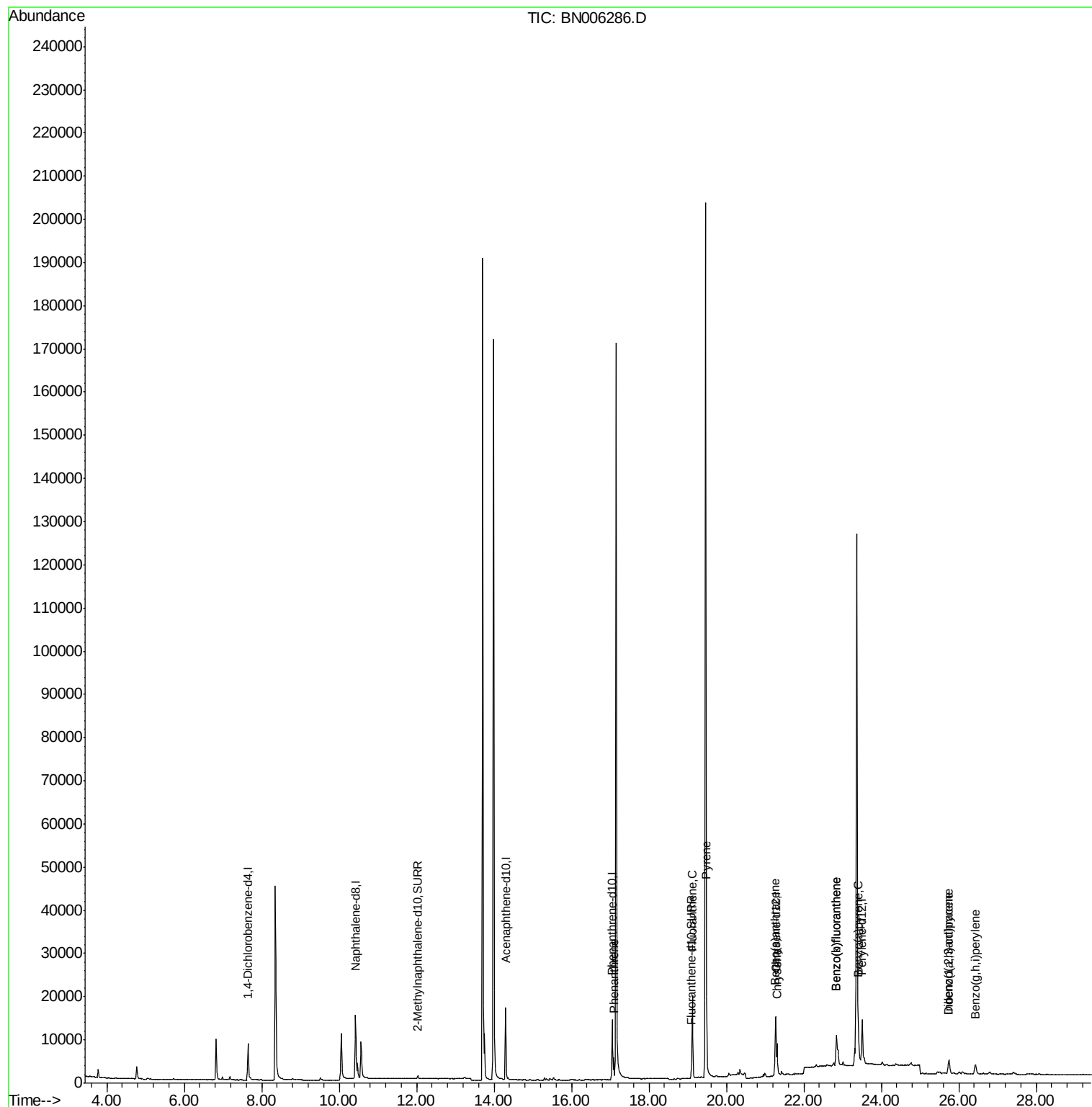
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5204	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20290	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9601	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16717	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11912	0.40	ng/ul	-0.02
20) Perylene-d12	23.50	264	15600	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1442	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2299	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	5454	0.102	ng/ul	95
15) Fluoranthene	19.12	202	17200	0.290	ng/ul	96
17) Pyrene	19.49	202	14216	0.227	ng/ul	97
18) Benzo(a)anthracene	21.25	228	4928	0.094	ng/ul#	90
19) Chrysene	21.31	228	8284	0.167	ng/ul#	92
21) Benzo(b)fluoranthene	22.84	252	15887	0.244	ng/ul	80
22) Benzo(k)fluoranthene	22.84	252	15899	0.251	ng/ul#	77
23) Benzo(a)pyrene	23.41	252	6444	0.106	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.74	276	5652	0.086	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.75	278	1269	0.024	ng/ul#	1
26) Benzo(g,h,i)perylene	26.43	276	5121	0.093	ng/ul#	81

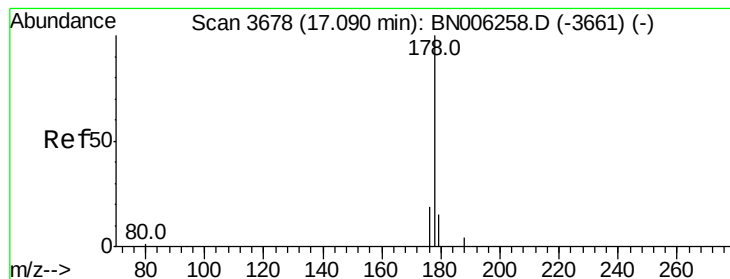
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.102 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

ClientSampleId :

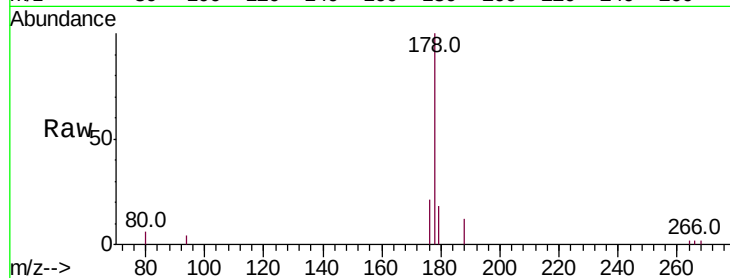
Tot Ion:178 Resp: 5454

Ion Ratio Lower Upper

178 100

179 17.7 12.3 18.5

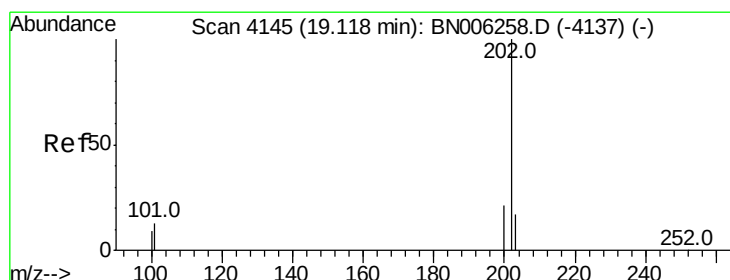
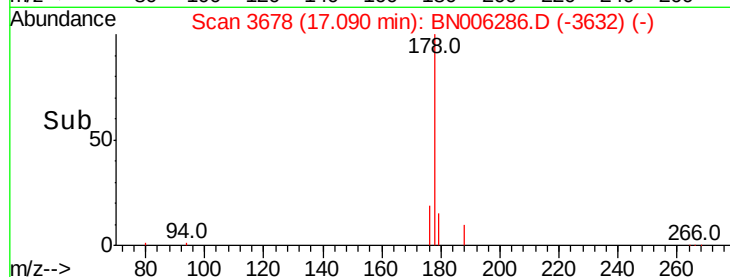
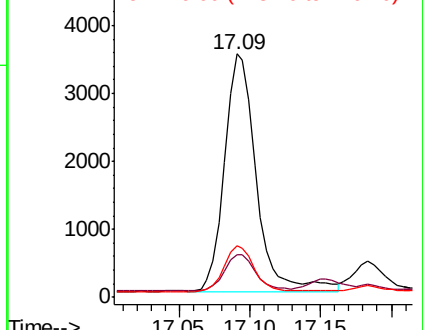
176 21.2 15.3 22.9



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: 0.290 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

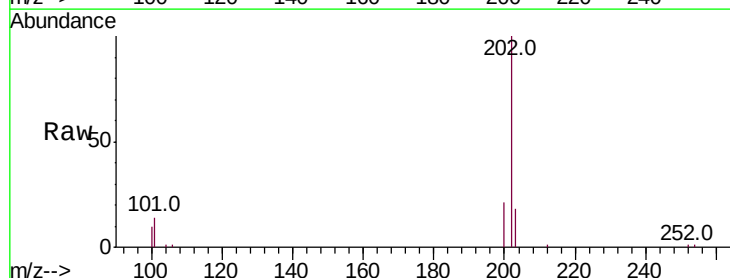
Tgt Ion:202 Resp: 17200

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

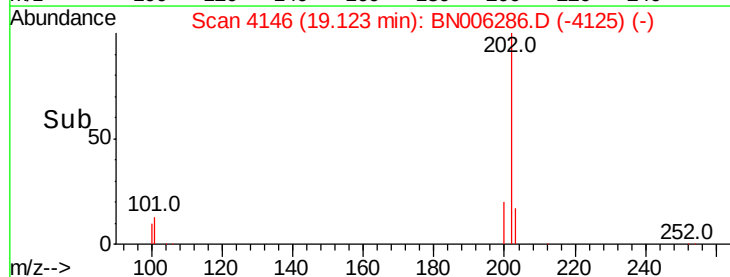
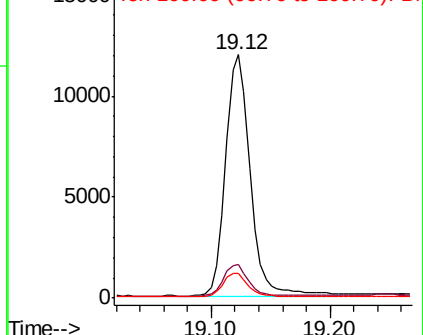
100 10.1 0.0 28.7

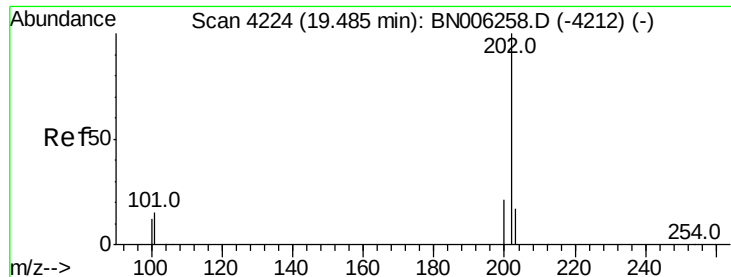


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

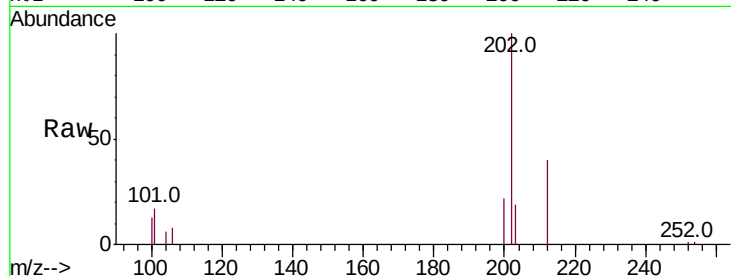




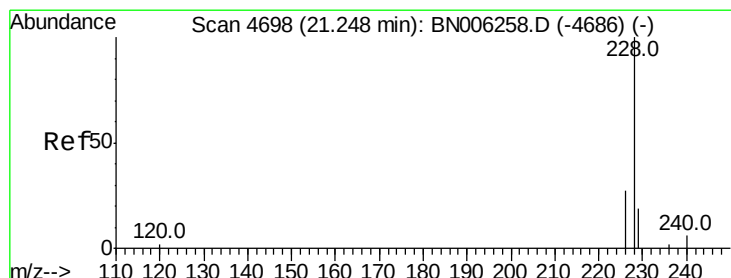
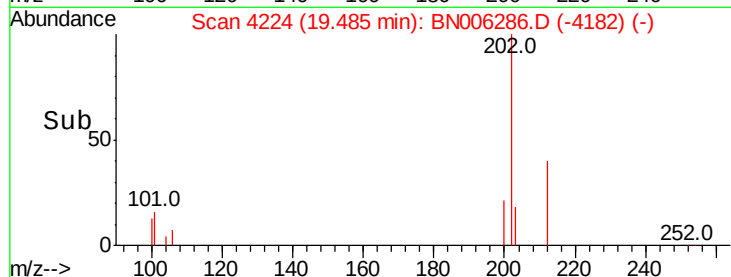
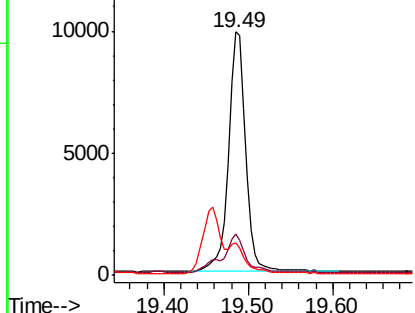
#17
Pvrene
Concen: 0.227 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006286.D
Acq: 12 Jun 2019 18:27

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 14216
Ion Ratio Lower Upper
202 100
101 16.8 12.2 18.2
100 13.2 9.8 14.6

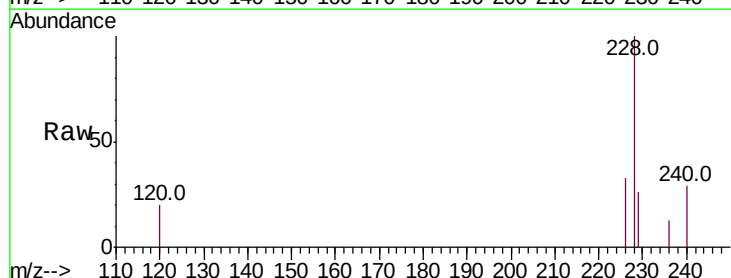


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

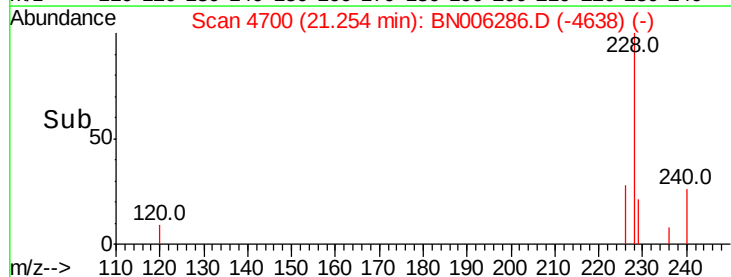
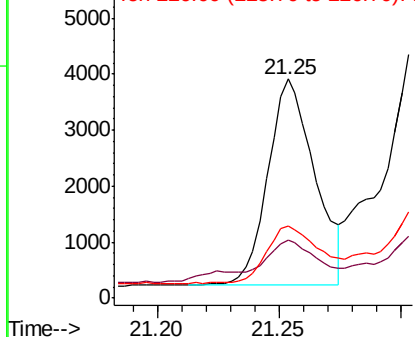


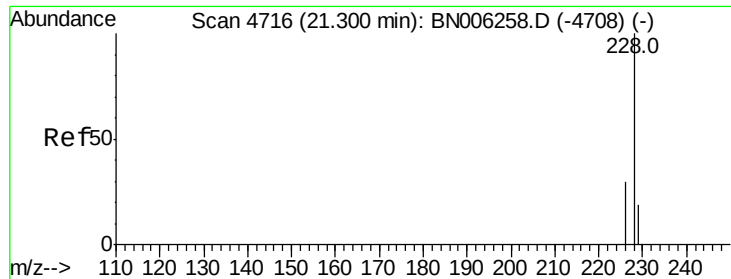
#18
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. -0.02 min
Lab File: BN006286.D
Acq: 12 Jun 2019 18:27

Tgt Ion:228 Resp: 4928
Ion Ratio Lower Upper
228 100
229 26.5 16.5 24.7#
226 33.2 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: 0.167 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. -0.02 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

ClientSampleId :

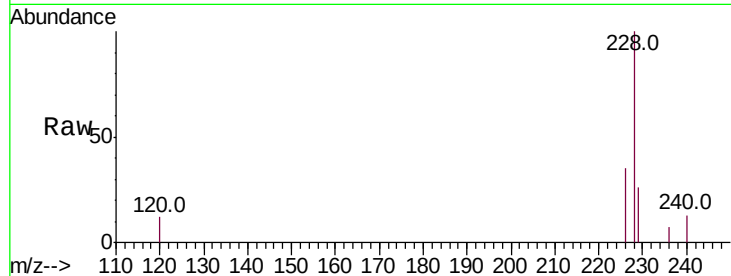
Tot Ion:228 Resp: 8284

Ion Ratio Lower Upper

228 100

226 34.7 25.0 37.6

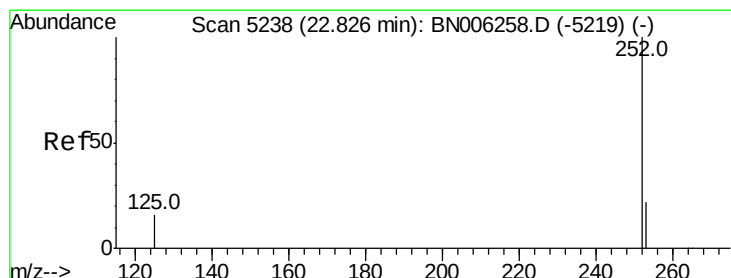
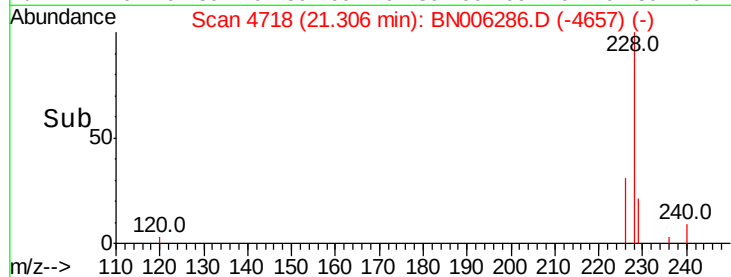
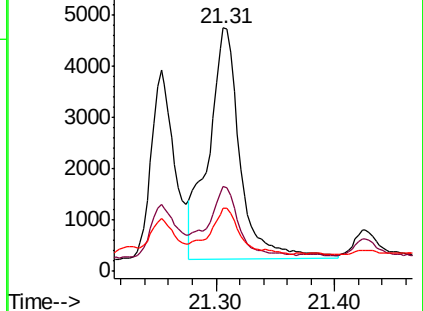
229 25.7 16.3 24.5#



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: 0.244 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.03 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

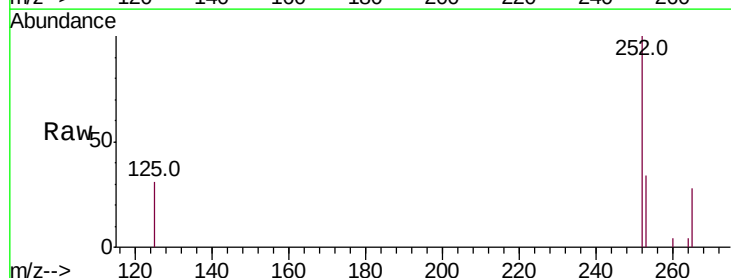
Tgt Ion:252 Resp: 15887

Ion Ratio Lower Upper

252 100

253 34.1 0.0 51.4

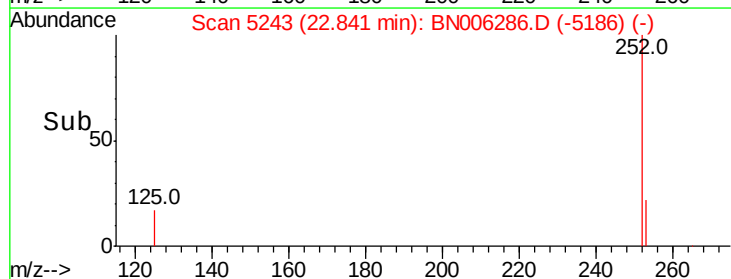
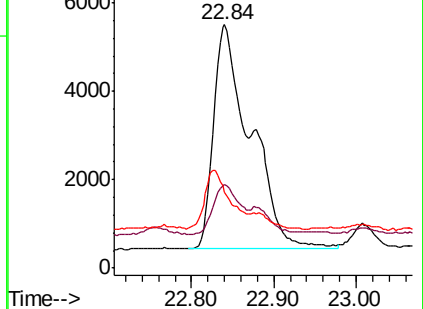
125 31.3 0.0 41.0

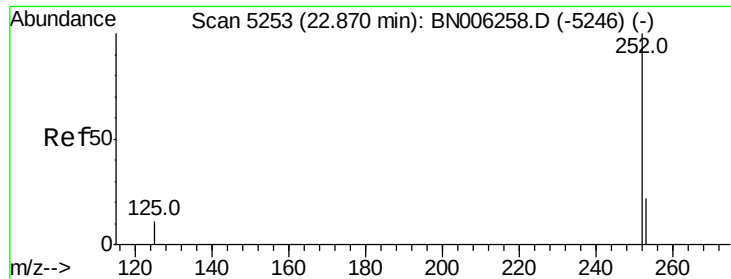


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.251 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.08 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

ClientSampleId :

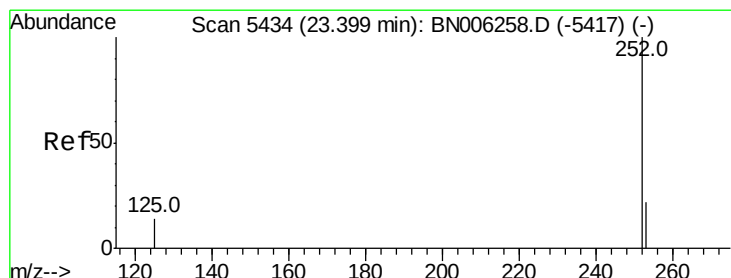
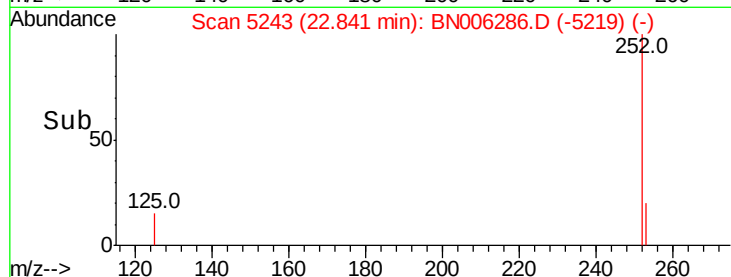
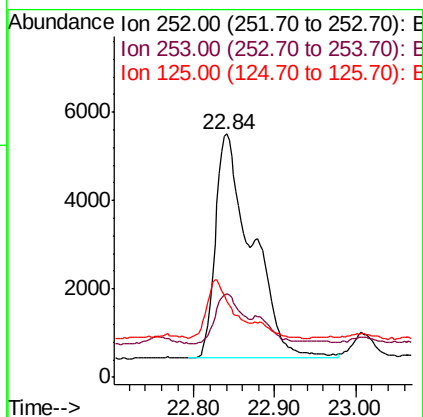
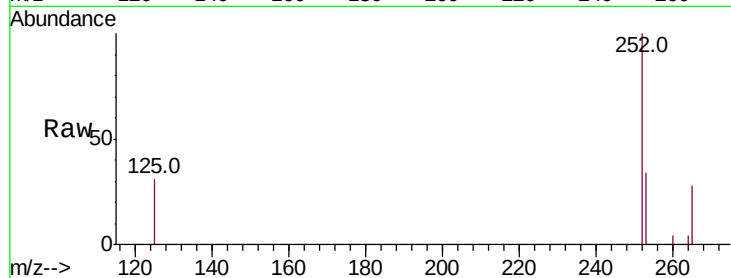
Tot Ion:252 Resp: 15899

Ion Ratio Lower Upper

252 100

253 34.1 20.3 30.5#

125 31.3 14.3 21.5#



#23

Benzo(a)pyrene

Concen: 0.106 ng/ul

RT: 23.41 min Scan# 5437

Delta R.T. -0.04 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

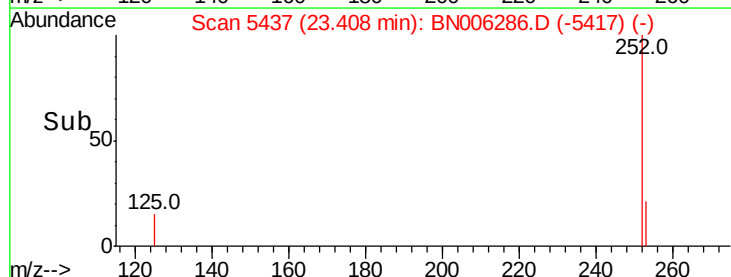
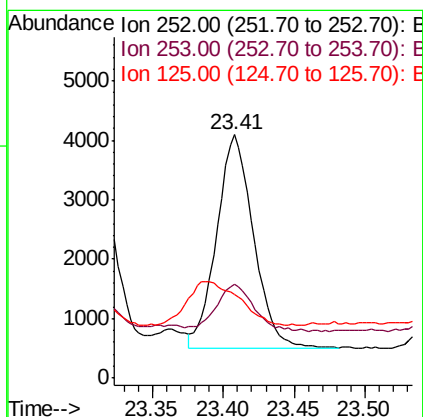
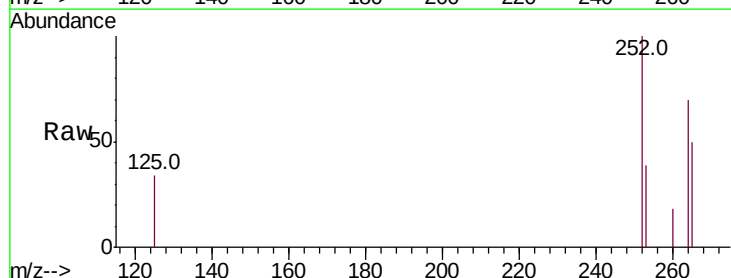
Tgt Ion:252 Resp: 6444

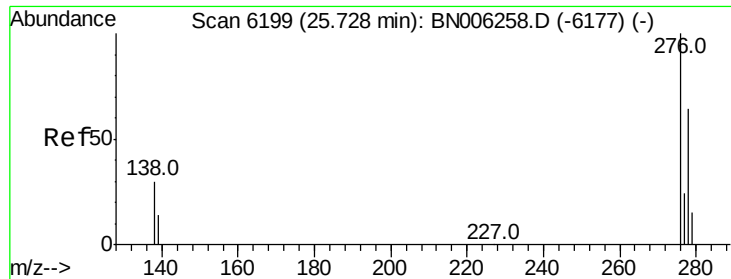
Ion Ratio Lower Upper

252 100

253 38.6 21.1 31.7#

125 34.1 20.3 30.5#



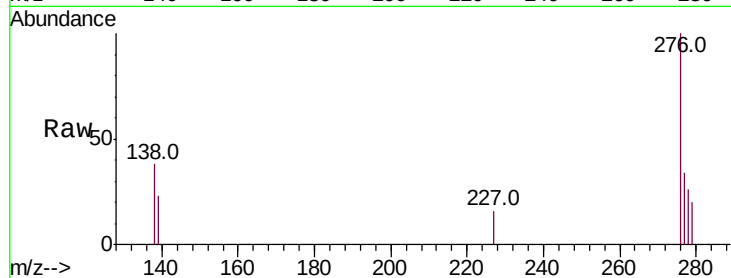


#24

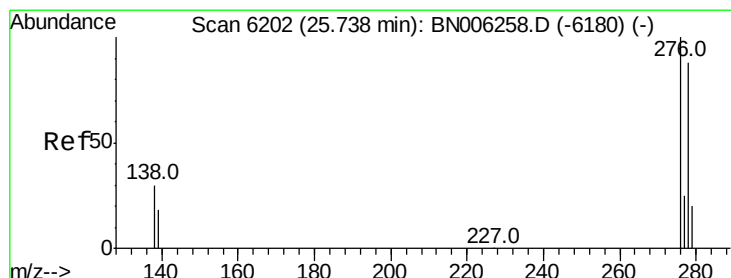
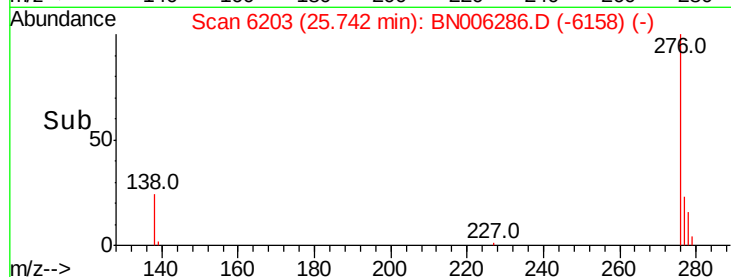
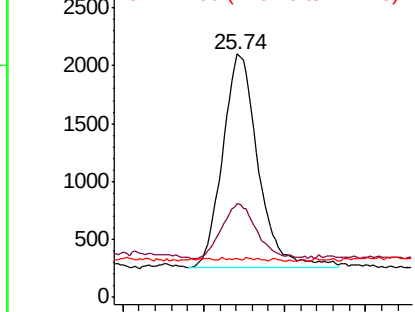
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. -0.05 min
Lab File: BN006286.D
Acq: 12 Jun 2019 18:27

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 5652
Ion Ratio Lower Upper
276 100
138 24.7 25.6 38.4#
227 0.1 0.3 0.5#



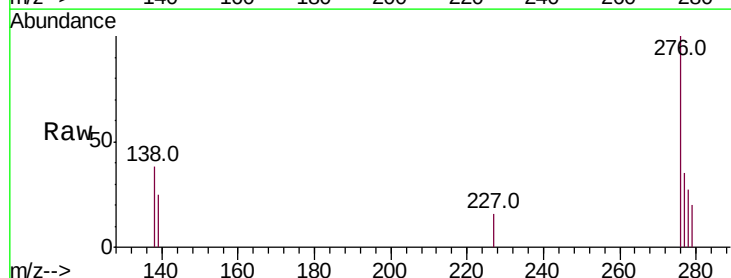
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



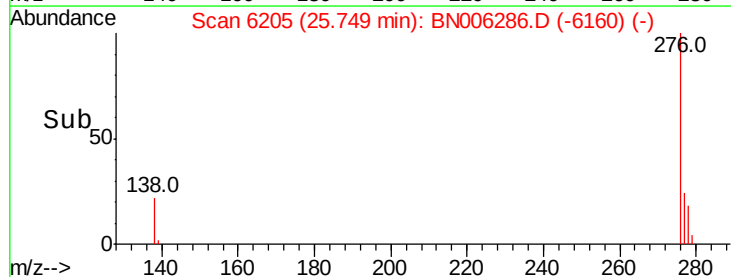
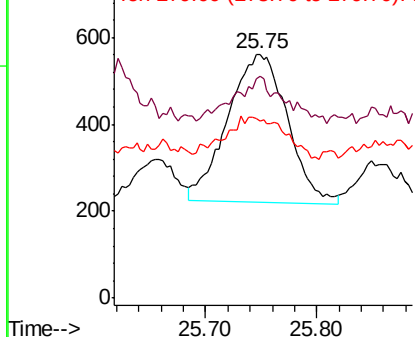
#25

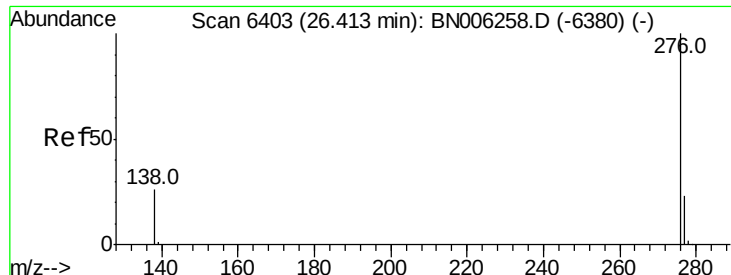
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.75 min Scan# 6205
Delta R.T. -0.05 min
Lab File: BN006286.D
Acq: 12 Jun 2019 18:27

Tgt Ion:278 Resp: 1269
Ion Ratio Lower Upper
278 100
139 90.9 21.2 31.8#
279 72.7 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(a,h,i)perylene

Concen: 0.093 ng/ul

RT: 26.43 min Scan# 6408

Delta R.T. -0.04 min

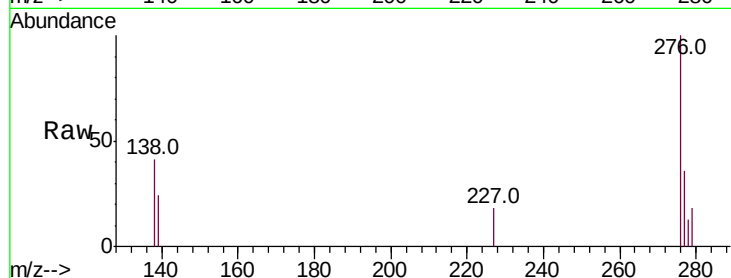
Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

ClientSampleId :



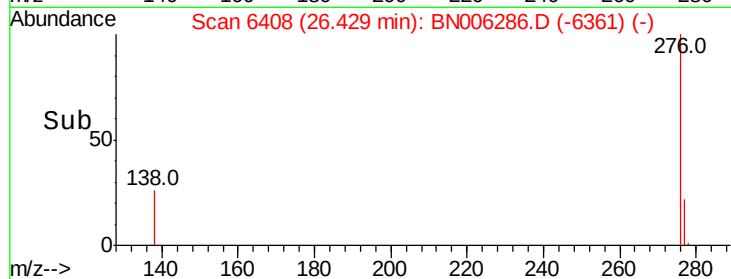
Tot Ion:276 Resp: 5121

Ion Ratio Lower Upper

276 100

138 41.4 24.2 36.4#

277 35.6 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

