

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006287.D
 Acq On : 12 Jun 2019 19:02
 Operator : JU/SJ
 Sample : K3231-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 01:22:15 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

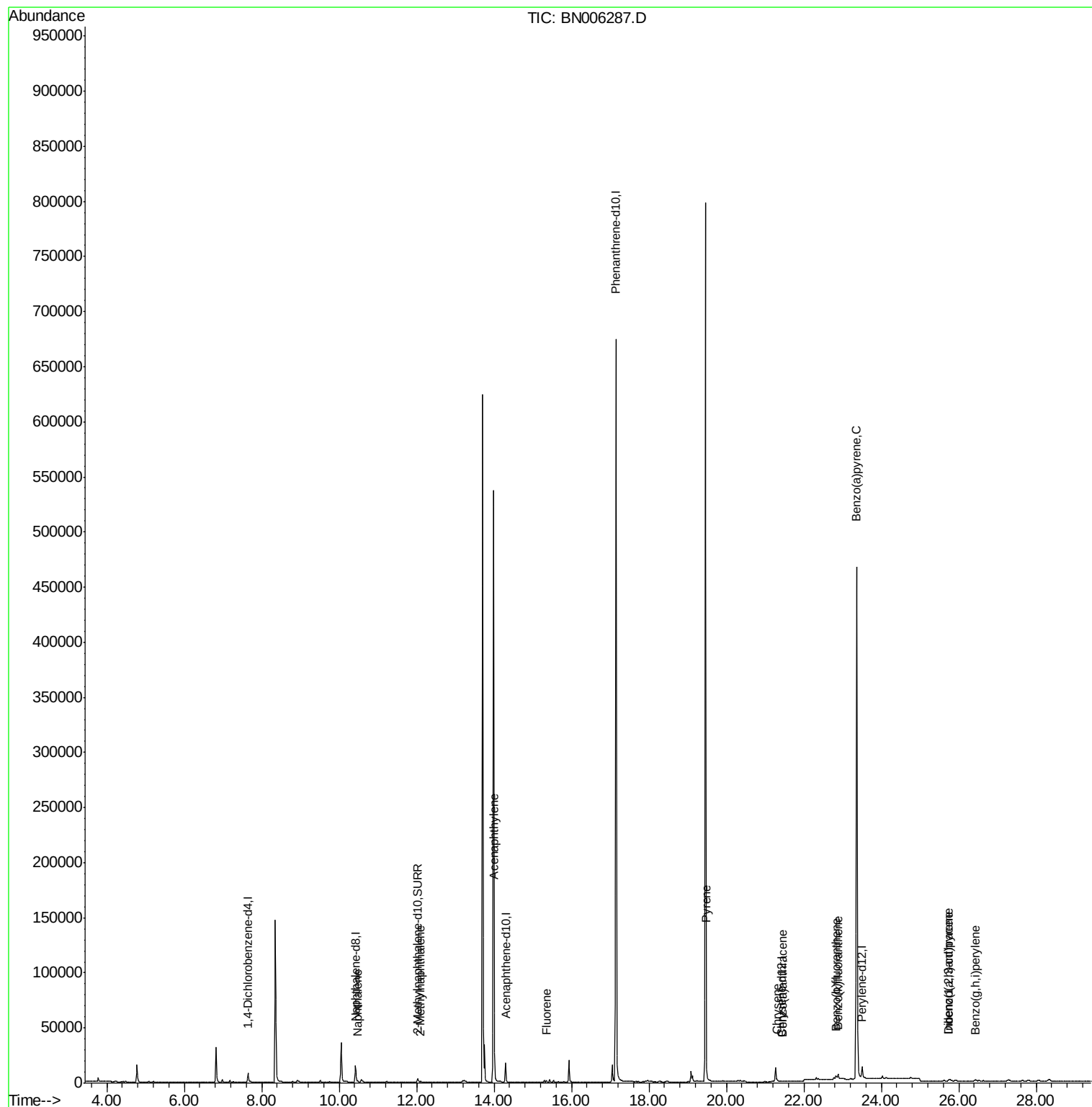
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4962	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19400	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9788	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	738839	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	20	0.40	ng/ul	0.12
20) Perylene-d12	23.51	264	16456	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4919	0.17	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1285	0.024	ng/ul#	78
5) 2-Methylnaphthalene	12.10	142	775	0.021	ng/ul	99
7) Acenaphthylene	14.01	152	3293	0.061	ng/ul#	93
9) Fluorene	15.35	166	1247	0.028	ng/ul#	94
17) Pyrene	19.49	202	5031	47.756	ng/ul#	81
18) Benzo(a)anthracene	21.46	228	121	1.368	ng/ul#	1
19) Chrysene	21.31	228	2209	26.601	ng/ul#	82
21) Benzo(b)fluoranthene	22.84	252	2365	0.034	ng/ul#	1
22) Benzo(k)fluoranthene	22.88	252	2543	0.038	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	2935	0.046	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	25.74	276	2426	0.035	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.75	278	1627	0.029	ng/ul#	19
26) Benzo(g,h,i)perylene	26.43	276	2833	0.049	ng/ul#	68

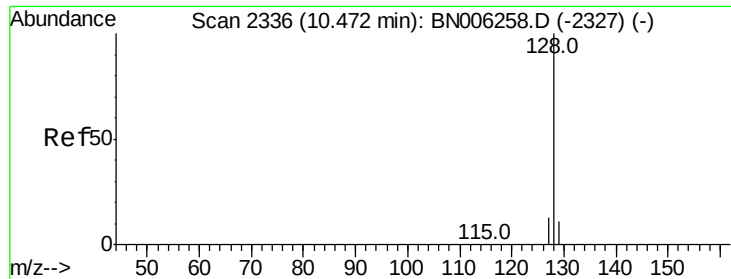
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

Instrument :

BNA_N

ClientSampleId :

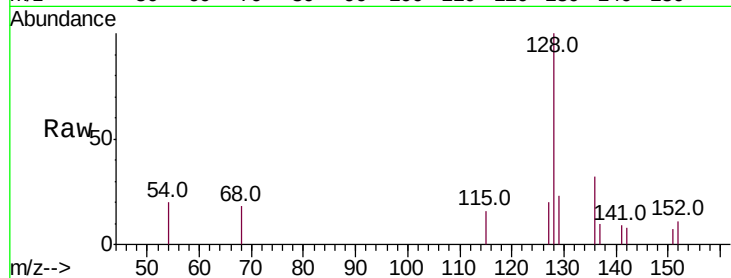
Tot Ion:128 Resp: 1285

Ion Ratio Lower Upper

128 100

129 22.6 9.3 13.9#

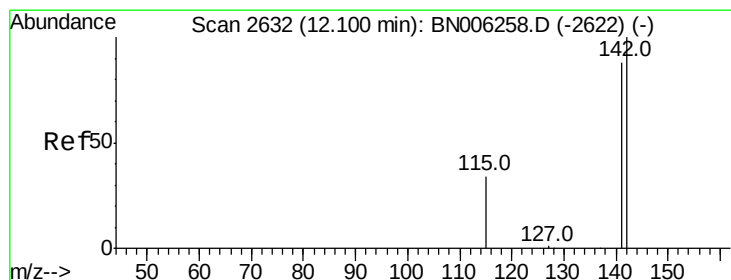
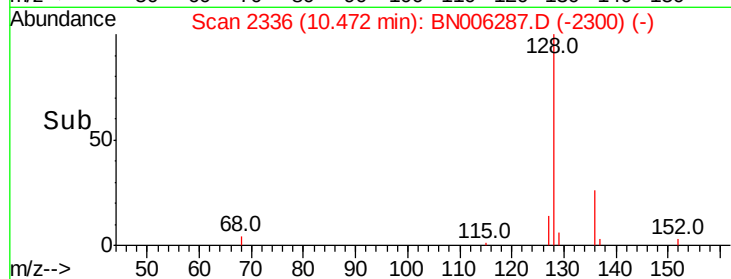
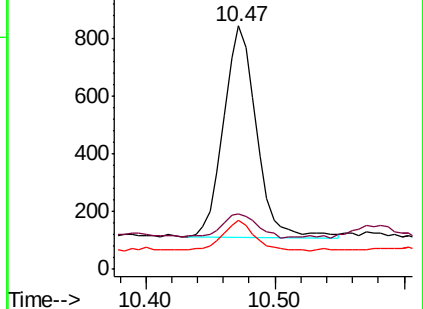
127 20.0 10.7 16.1#



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



#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BN006287.D

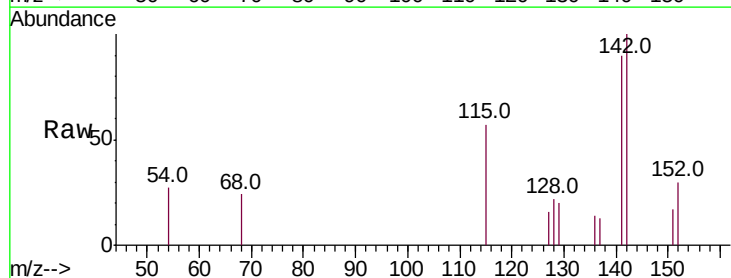
Acq: 12 Jun 2019 19:02

Tgt Ion:142 Resp: 775

Ion Ratio Lower Upper

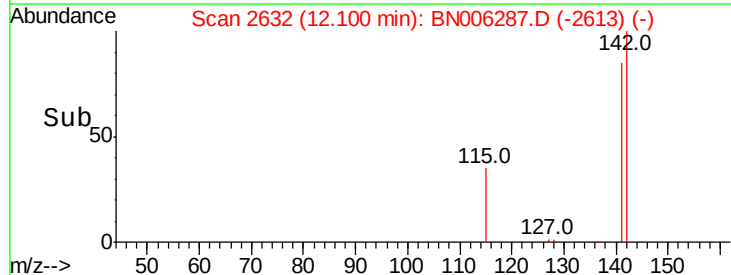
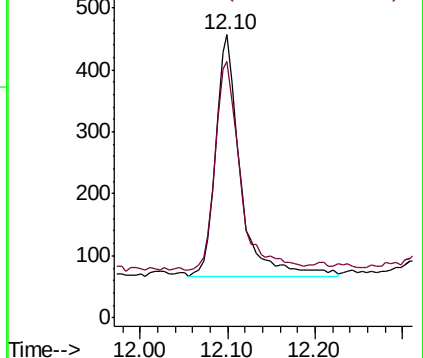
142 100

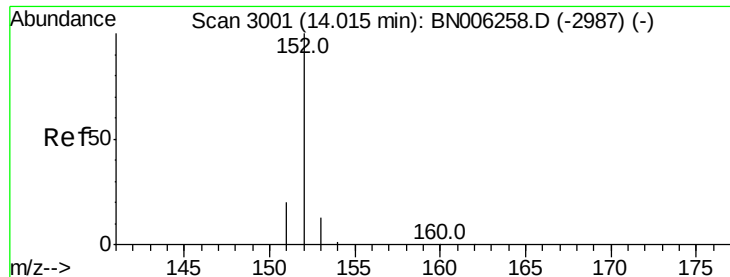
141 87.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

Instrument :

BNA_N

ClientSampleId :

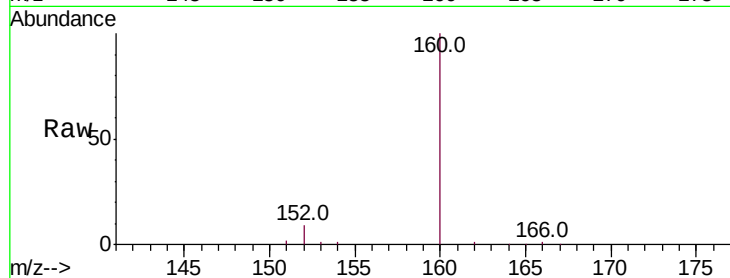
Tot Ion:152 Resp: 3293

Ion Ratio Lower Upper

152 100

151 22.9 15.8 23.8

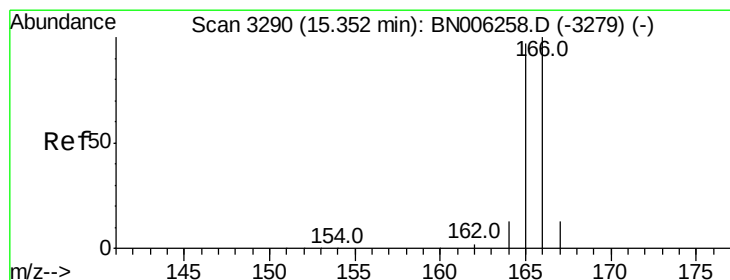
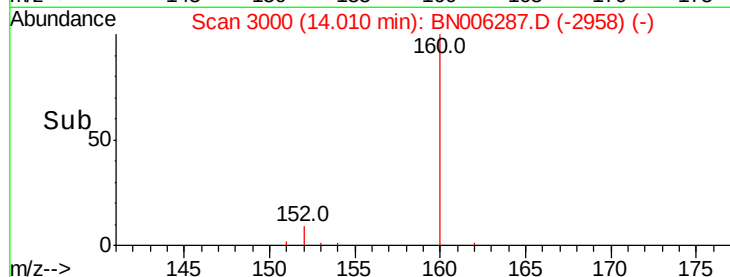
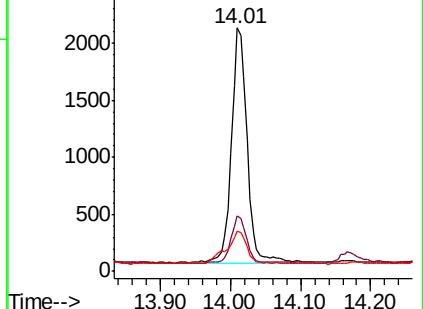
153 16.3 10.8 16.2#



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: 0.028 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

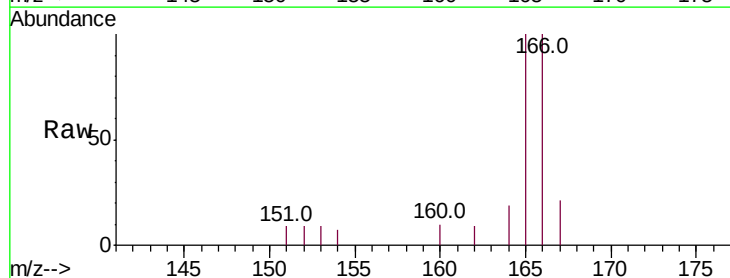
Tgt Ion:166 Resp: 1247

Ion Ratio Lower Upper

166 100

165 100.3 76.4 114.6

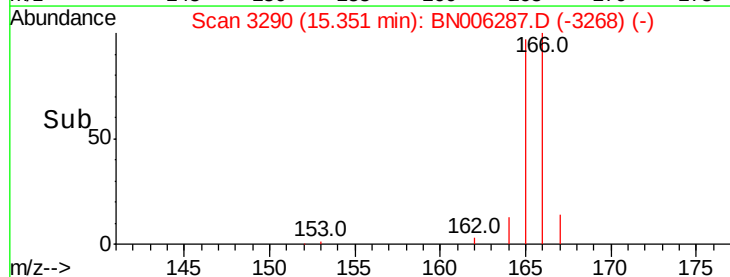
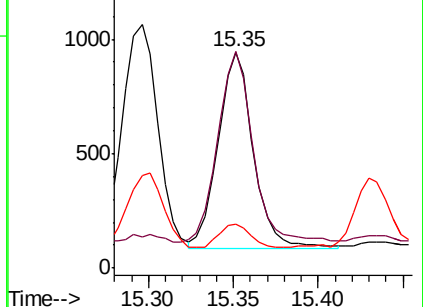
167 20.6 11.0 16.6#

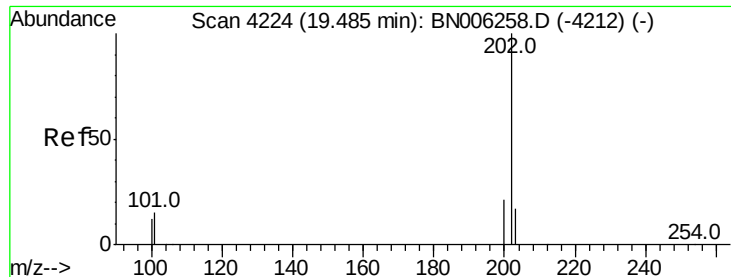


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 47.756 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.01 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

Instrument :

BNA_N

ClientSampleId :

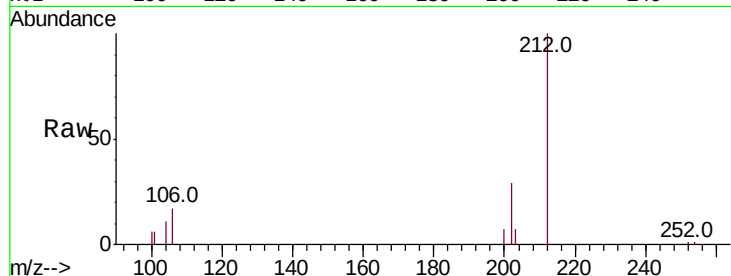
Tot Ion:202 Resp: 5031

Ion Ratio Lower Upper

202 100

101 22.3 12.2 18.2#

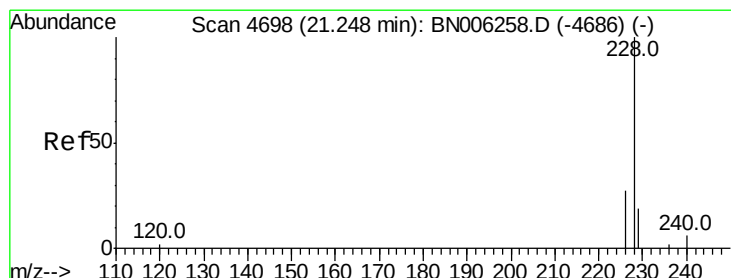
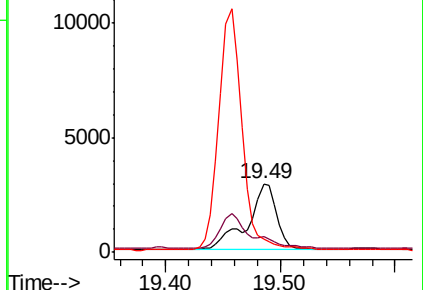
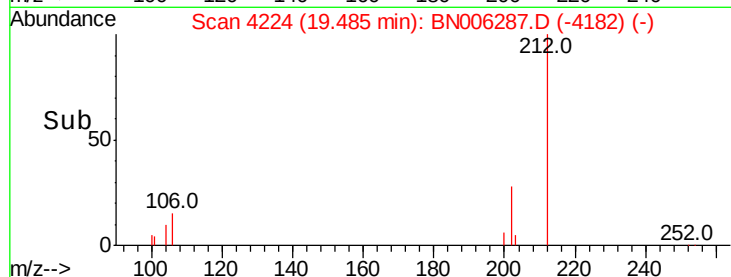
100 20.1 9.8 14.6#



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: 1.368 ng/ul

RT: 21.46 min Scan# 4769

Delta R.T. 0.19 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

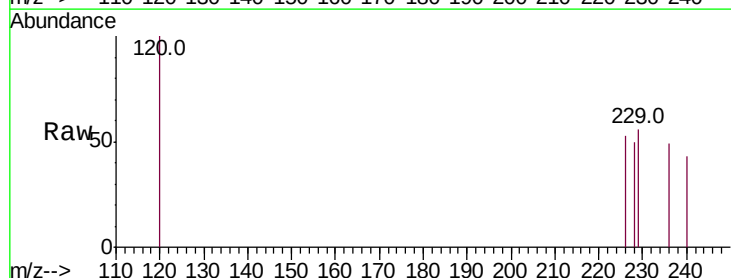
Tgt Ion:228 Resp: 121

Ion Ratio Lower Upper

228 100

229 111.0 16.5 24.7#

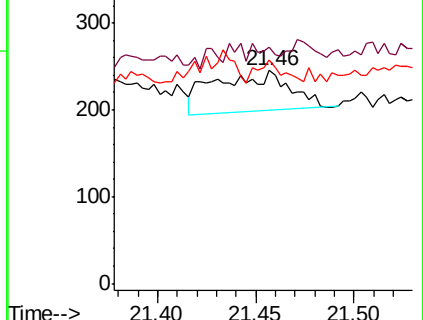
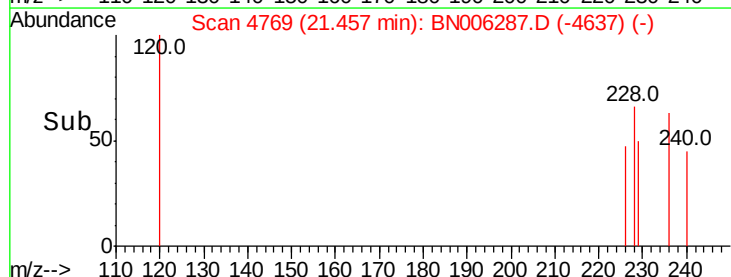
226 104.9 22.8 34.2#

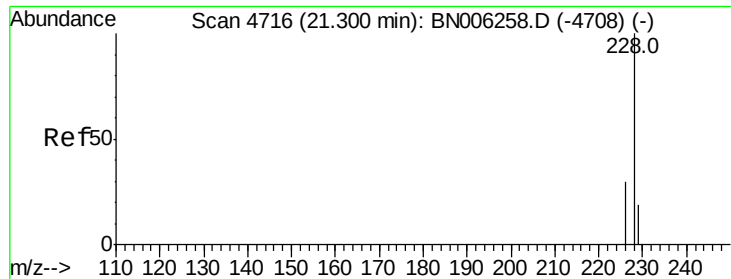


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 26.601 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. -0.02 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

Instrument :

BNA_N

ClientSampleId :

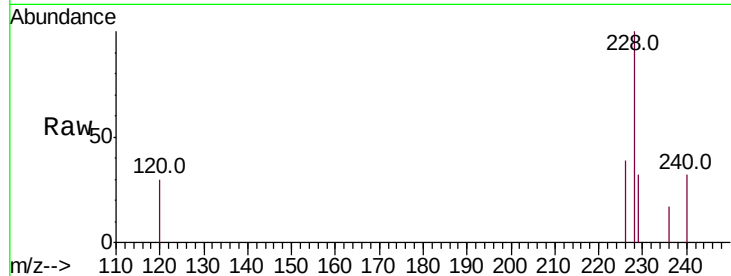
Tot Ion:228 Resp: 2209

Ion Ratio Lower Upper

228 100

226 39.4 25.0 37.6#

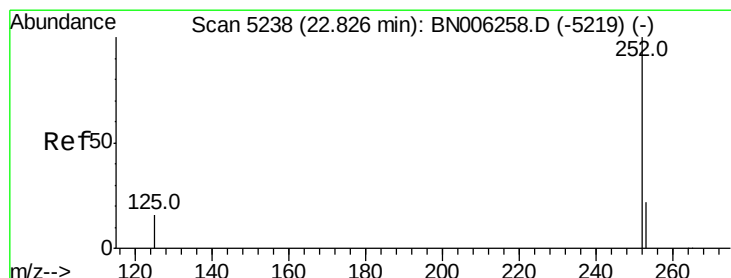
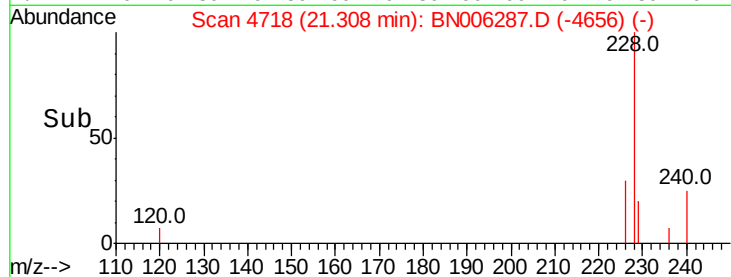
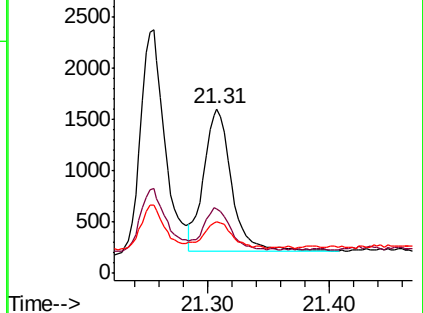
229 31.6 16.3 24.5#



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: 0.034 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.03 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

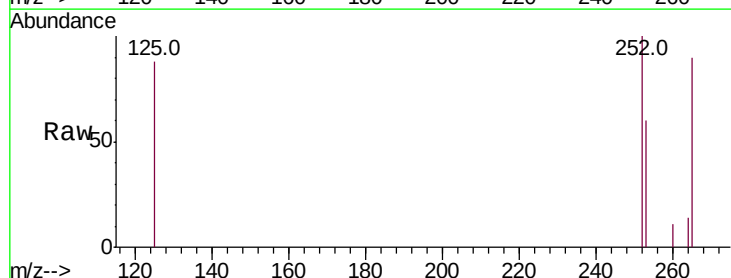
Tgt Ion:252 Resp: 2365

Ion Ratio Lower Upper

252 100

253 60.0 0.0 51.4#

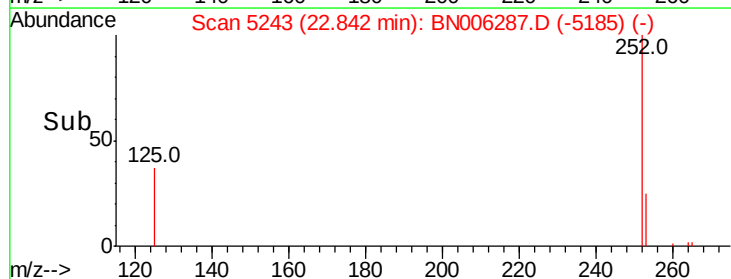
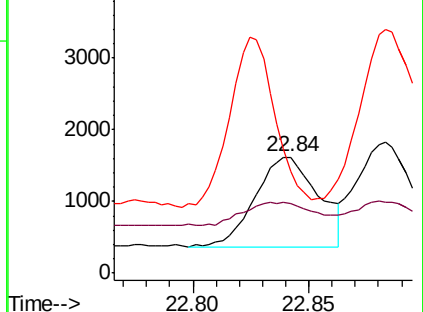
125 88.0 0.0 41.0#

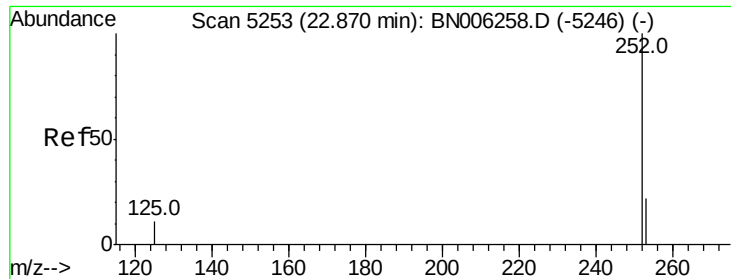


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.038 ng/ul

RT: 22.88 min Scan# 5257

Delta R.T. -0.04 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

Instrument :

BNA_N

ClientSampleId :

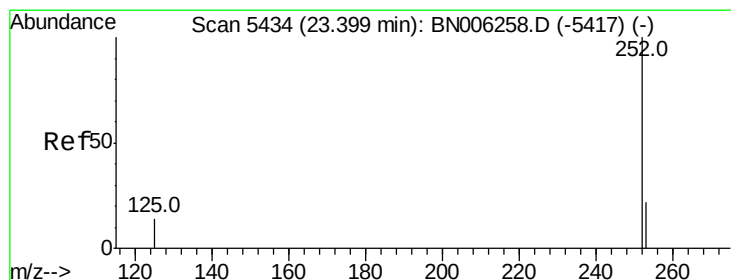
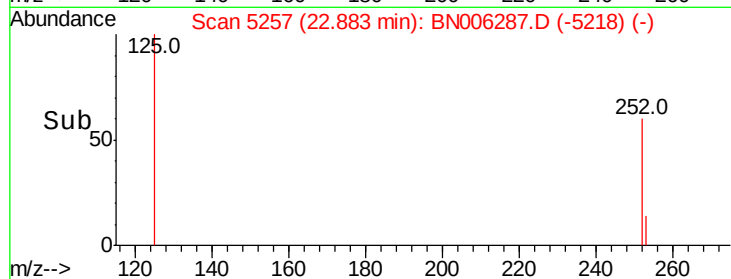
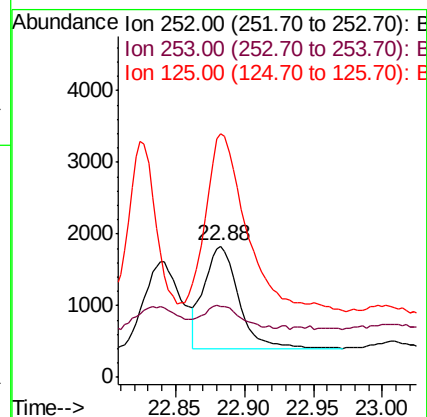
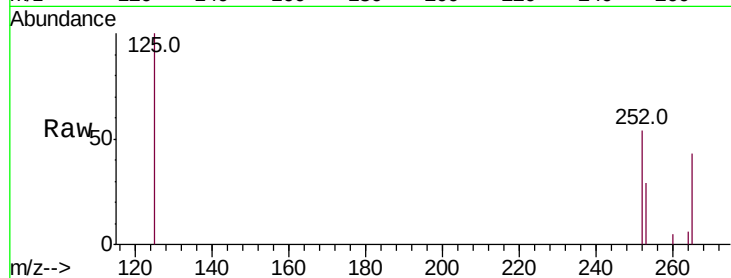
Tot Ion:252 Resp: 2543

Ion Ratio Lower Upper

252 100

253 54.1 20.3 30.5#

125 185.3 14.3 21.5#



#23

Benzo(a)pyrene

Concen: 0.046 ng/ul

RT: 23.36 min Scan# 5421

Delta R.T. -0.09 min

Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

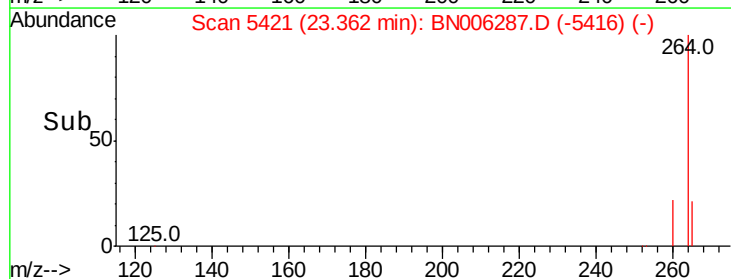
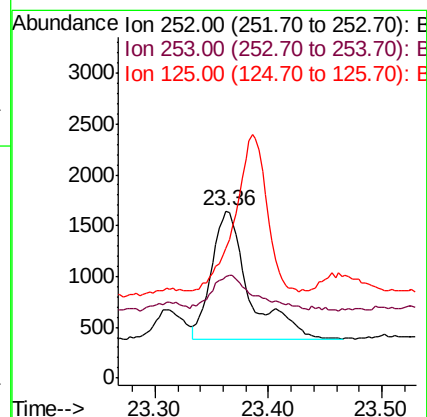
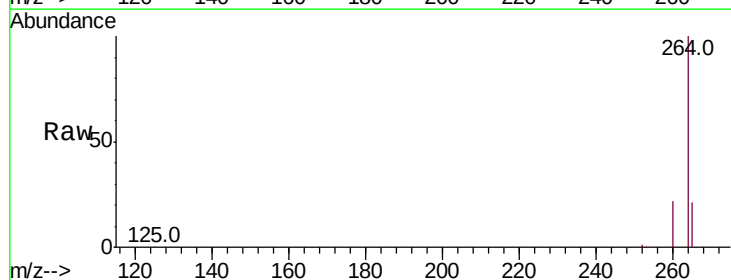
Tgt Ion:252 Resp: 2935

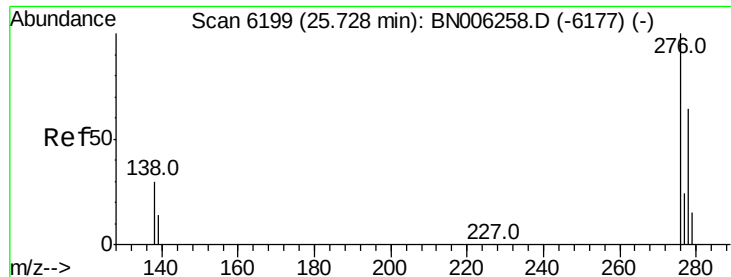
Ion Ratio Lower Upper

252 100

253 60.9 21.1 31.7#

125 78.0 20.3 30.5#



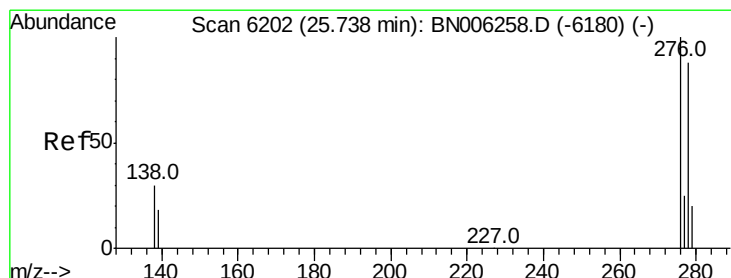
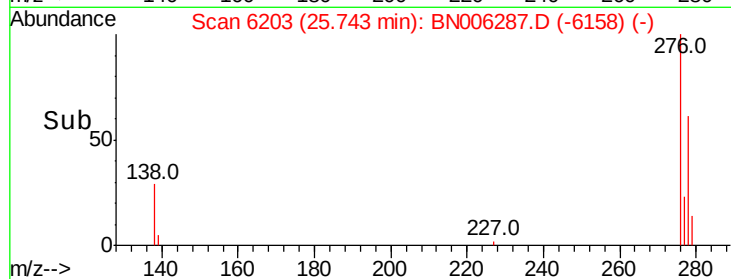
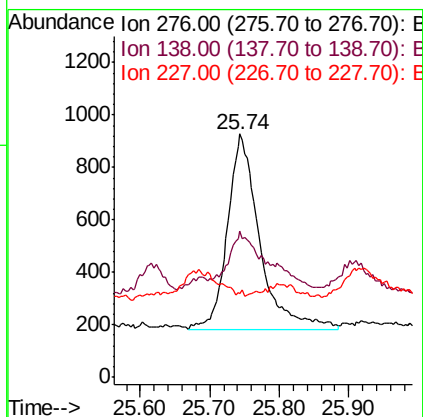
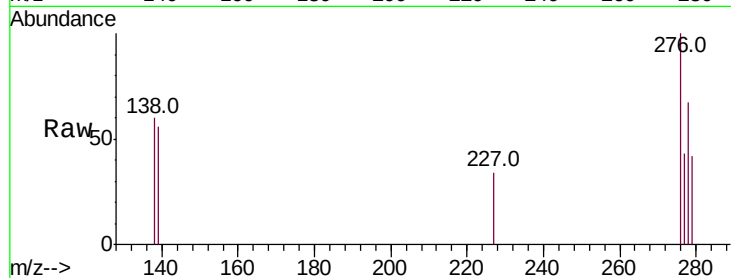


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. -0.05 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Instrument :
BNA_N
ClientSampleId :

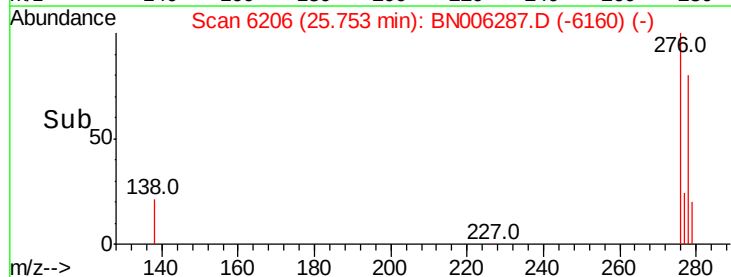
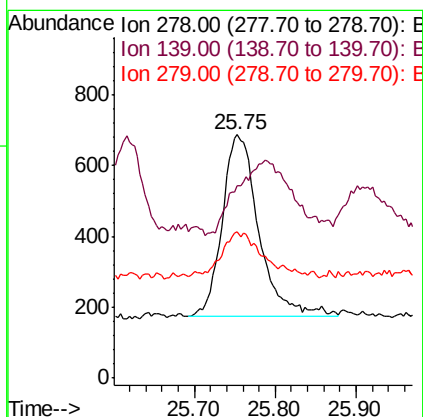
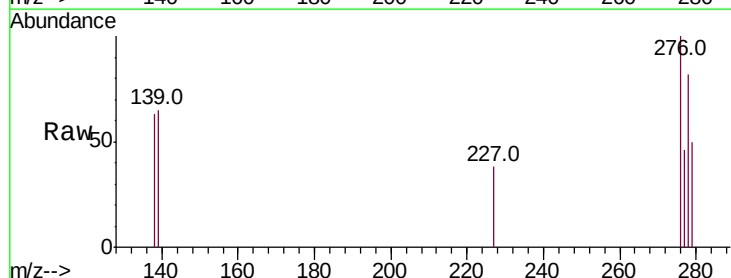
Tot Ion:276 Resp: 2426
Ion Ratio Lower Upper
276 100
138 32.8 25.6 38.4
227 0.0 0.3 0.5#

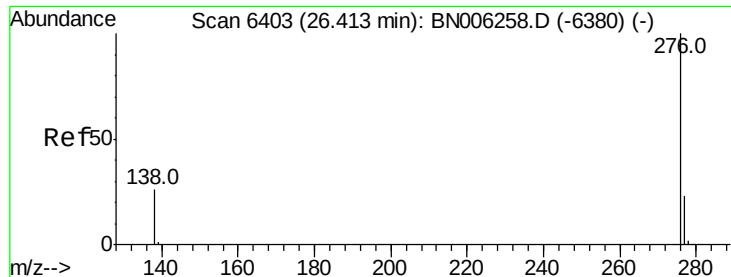


#25

Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. -0.05 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:278 Resp: 1627
Ion Ratio Lower Upper
278 100
139 78.9 21.2 31.8#
279 60.3 22.6 33.8#





#26

Benzo(a,h,i)perylene

Concen: 0.049 ng/ul

RT: 26.43 min Scan# 6408

Delta R.T. -0.04 min

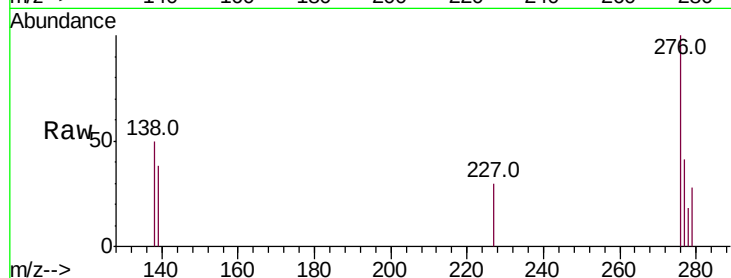
Lab File: BN006287.D

Acq: 12 Jun 2019 19:02

Instrument :

BNA_N

ClientSampleId :



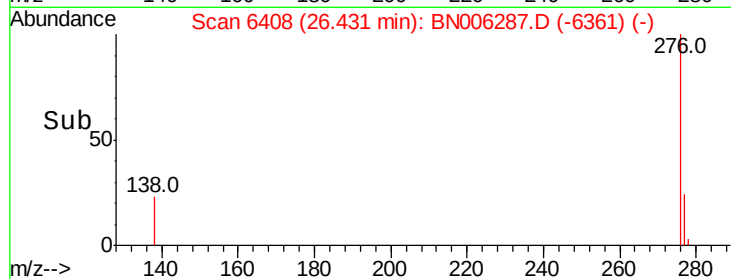
Tot Ion:276 Resp: 2833

Ion Ratio Lower Upper

276 100

138 50.5 24.2 36.4#

277 40.7 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

