

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006232.D
 Acq On : 10 Jun 2019 20:36
 Operator : JU/SJ
 Sample : K3017-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:19:25 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

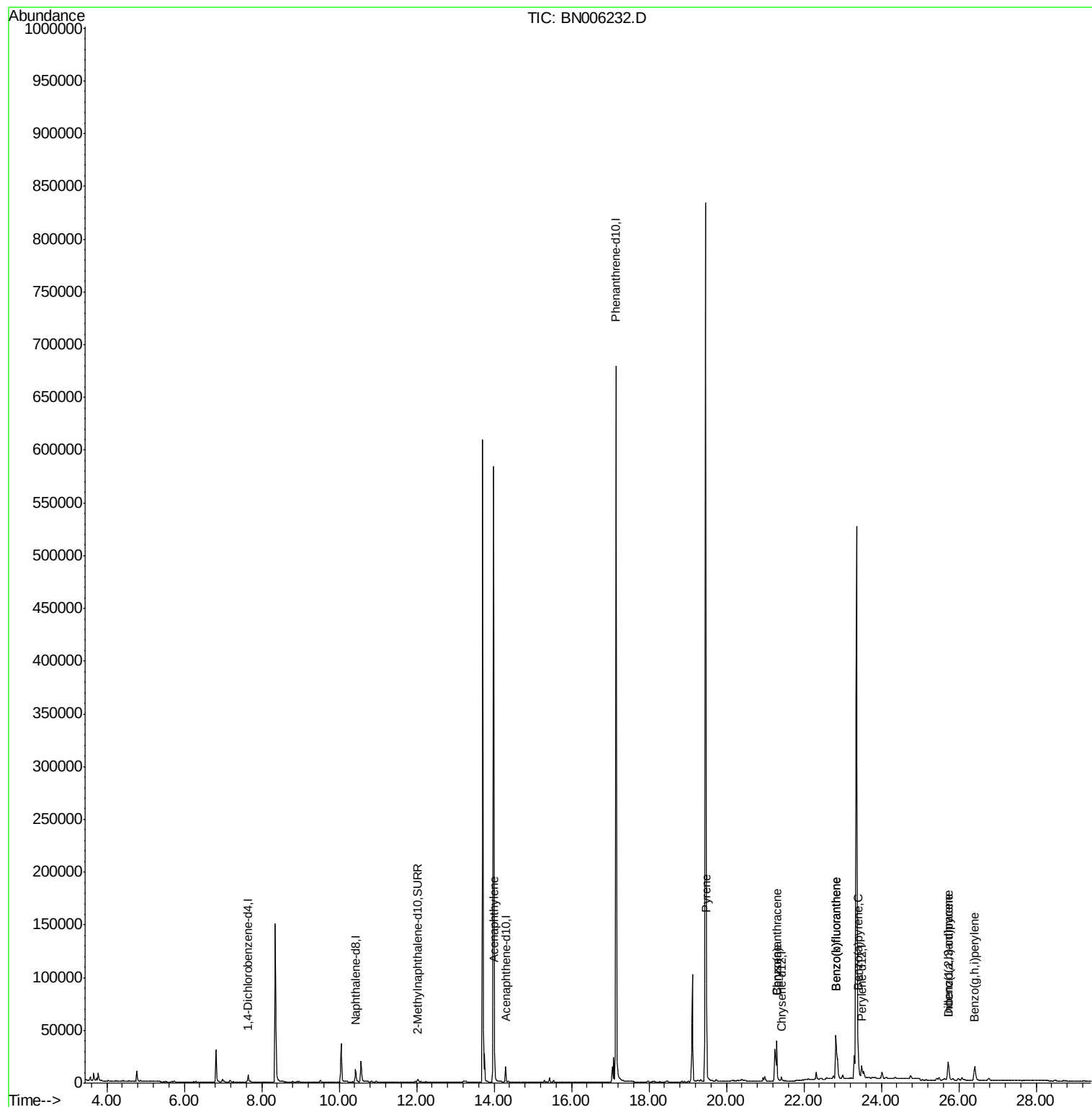
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4105	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8173	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	751306	0.40	ng/ul	0.10
16) Chrysene-d12	21.43	240	62	0.40	ng/ul	0.16
20) Perylene-d12	23.50	264	18236	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4381	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
7) Acenaphthylene	14.01	152	1826	0.040	ng/ul#	87
17) Pyrene	19.49	202	70804	216.804	ng/ul	100
18) Benzo(a)anthracene	21.30	228	41252	150.436	ng/ul	96
19) Chrysene	21.30	228	40405	156.956	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	80008	1.052	ng/ul	88
22) Benzo(k)fluoranthene	22.83	252	80008	1.080	ng/ul#	86
23) Benzo(a)pyrene	23.40	252	34056	0.481	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.73	276	29144	0.380	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	6044	0.099	ng/ul#	71
26) Benzo(g,h,i)perylene	26.41	276	27896	0.434	ng/ul	99

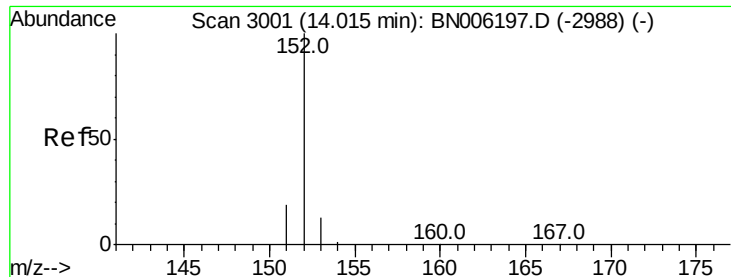
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

Instrument :

BNA_N

ClientSampleId :

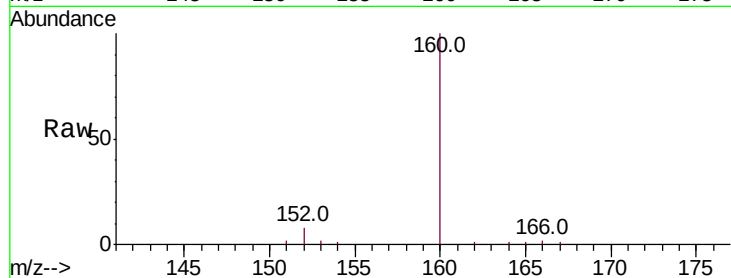
Tot Ion:152 Resp: 1826

Ion Ratio Lower Upper

152 100

151 24.9 15.8 23.8#

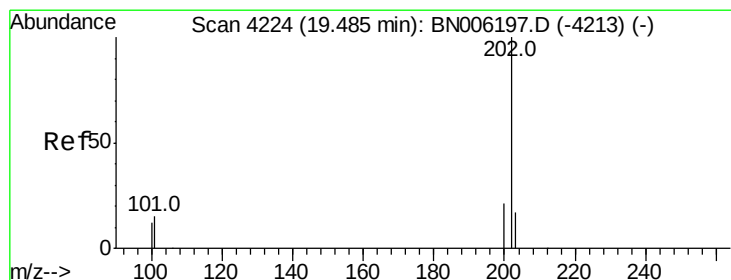
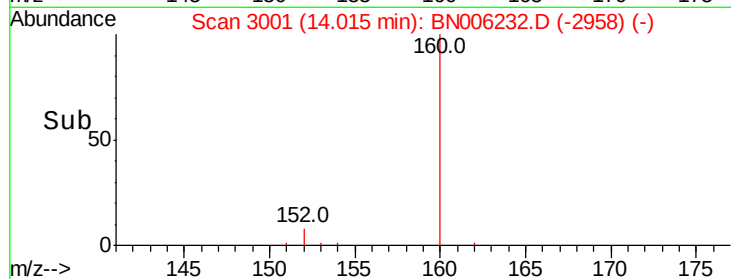
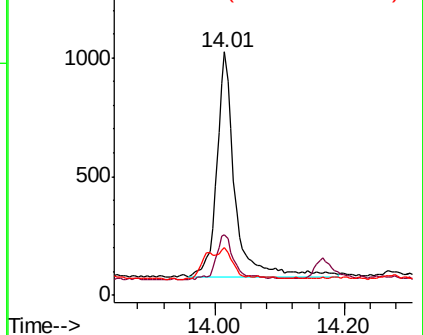
153 19.4 10.8 16.2#



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



#17

Pyrene

Concen: 216.804 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

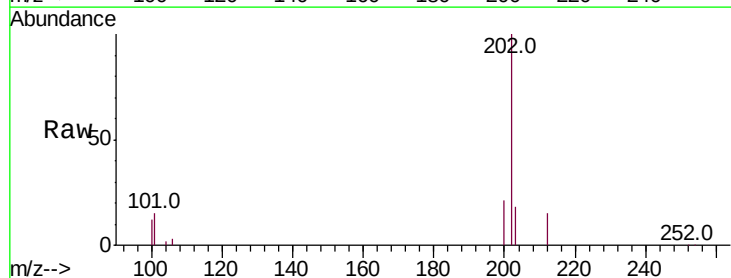
Tgt Ion:202 Resp: 70804

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

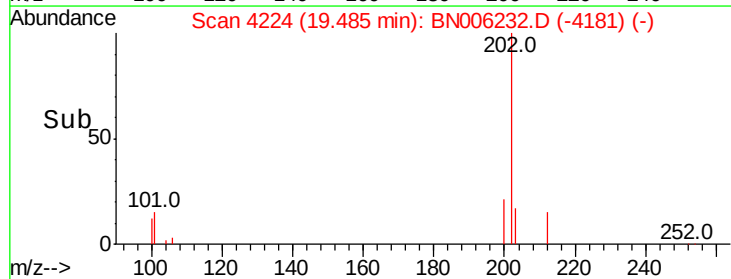
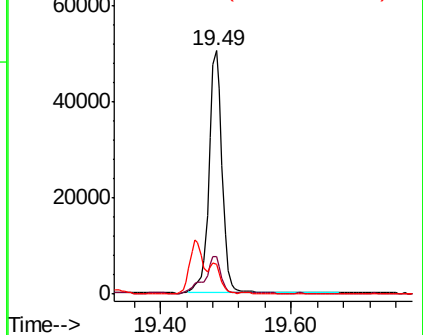
100 12.1 9.8 14.6

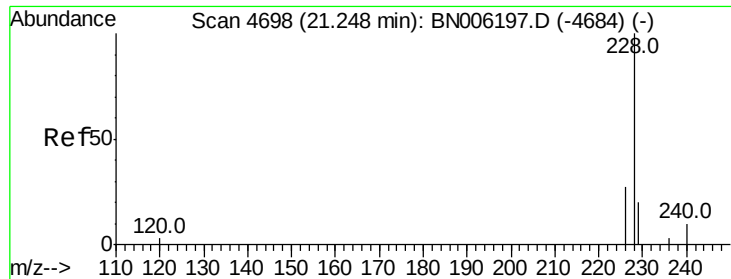


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 150.436 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.05 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

Instrument :

BNA_N

ClientSampleId :

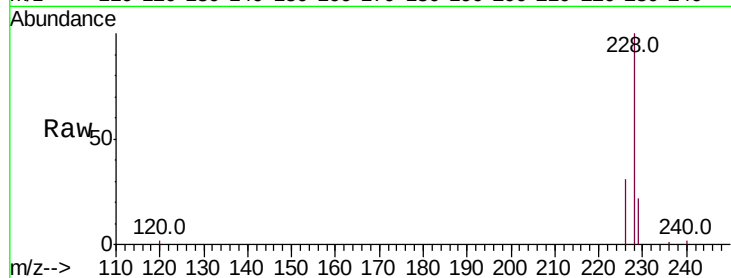
Tot Ion:228 Resp: 41252

Ion Ratio Lower Upper

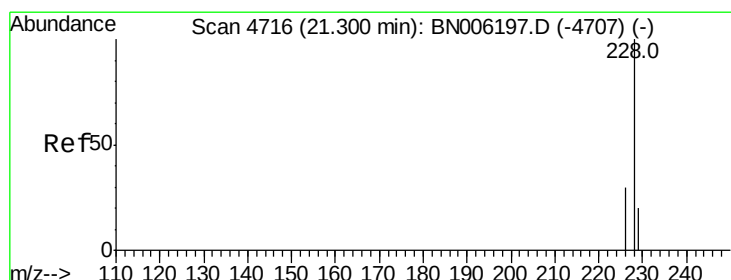
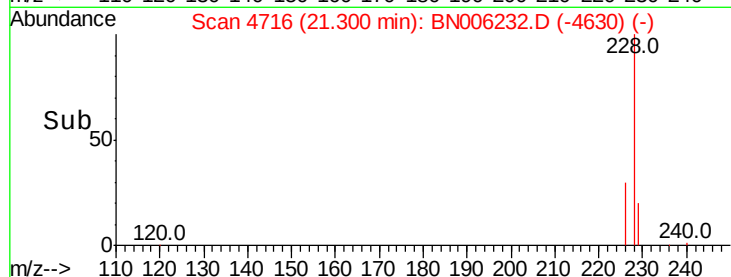
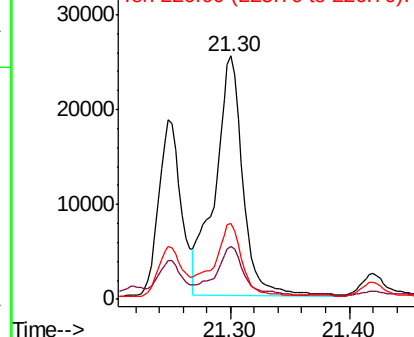
228 100

229 21.5 16.5 24.7

226 31.2 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: 156.956 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

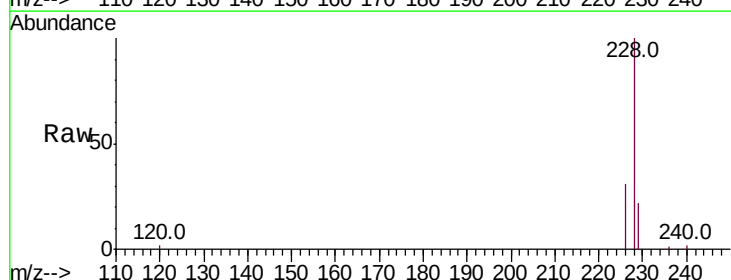
Tgt Ion:228 Resp: 40405

Ion Ratio Lower Upper

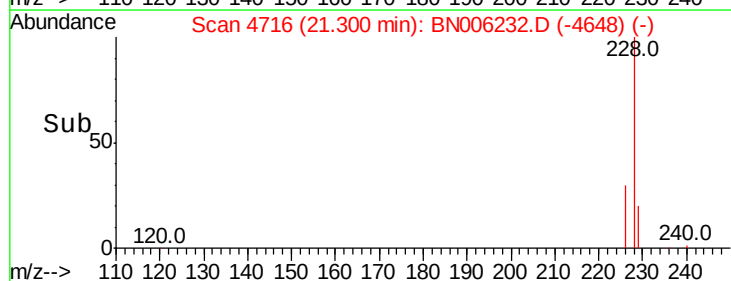
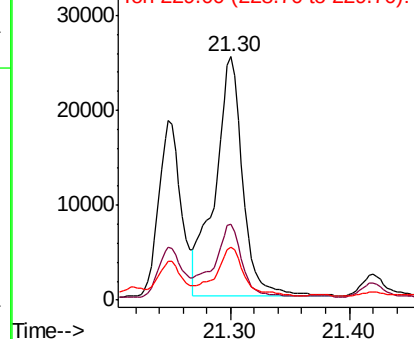
228 100

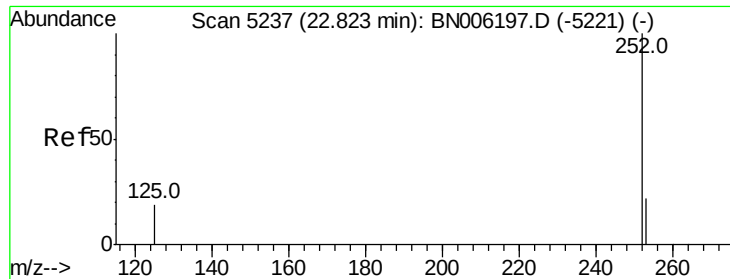
226 31.2 25.0 37.6

229 21.5 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: 1.052 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

Instrument :

BNA_N

ClientSampleId :

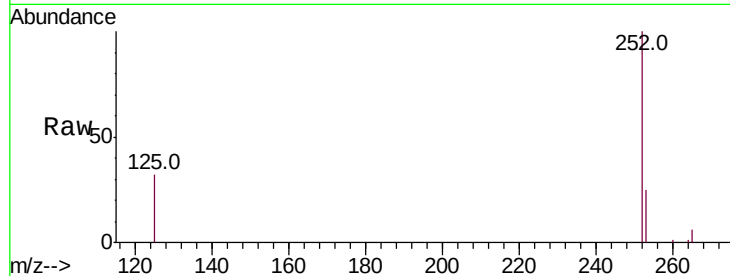
Tot Ion:252 Resp: 80008

Ion Ratio Lower Upper

252 100

253 25.3 0.0 51.4

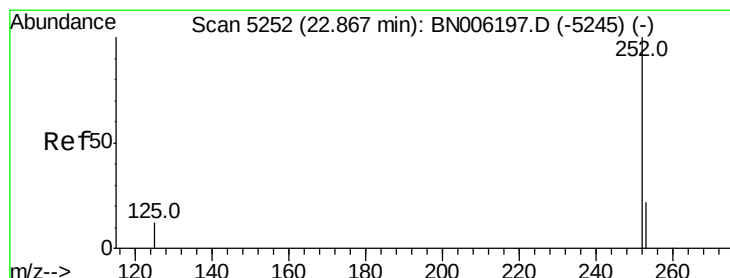
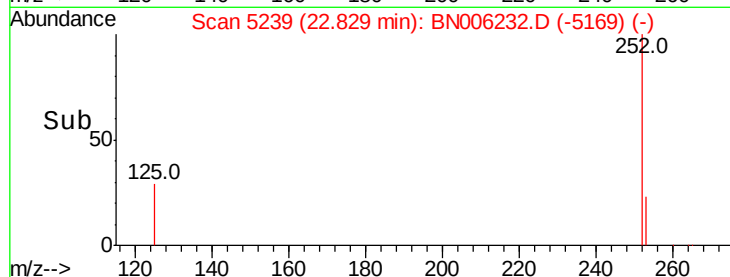
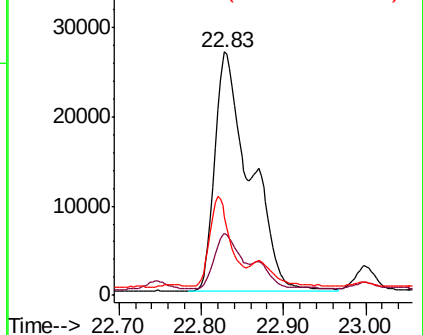
125 32.5 0.0 41.0



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: 1.080 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

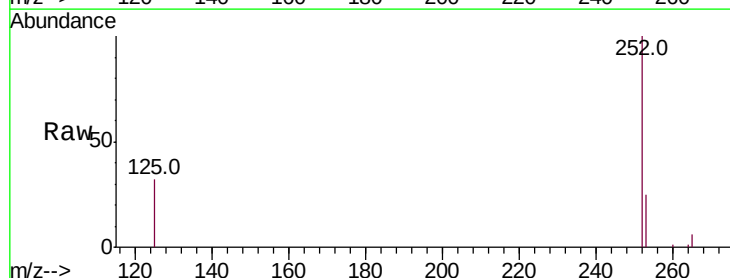
Tgt Ion:252 Resp: 80008

Ion Ratio Lower Upper

252 100

253 25.3 20.3 30.5

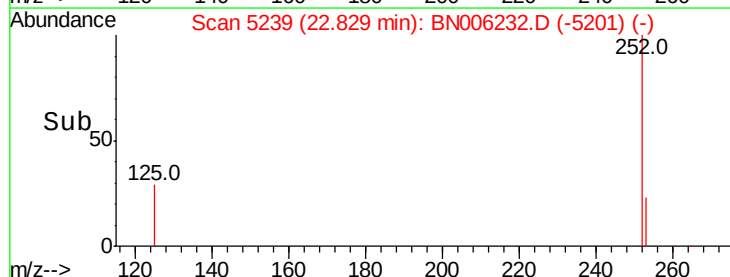
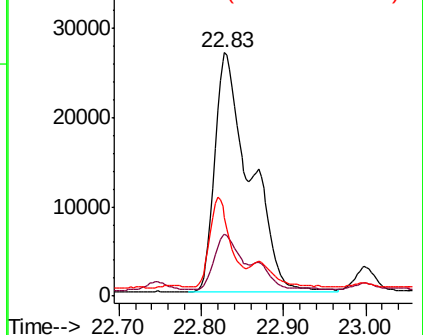
125 32.5 14.3 21.5#

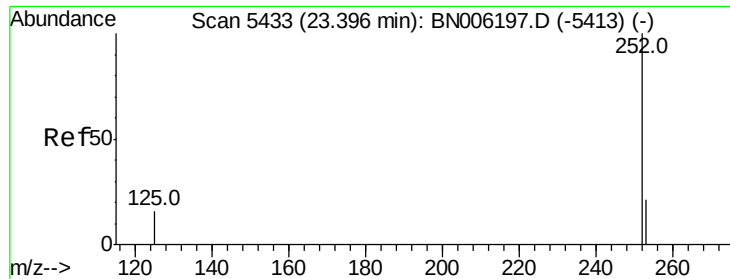


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.481 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.00 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

Instrument :

BNA_N

ClientSampleId :

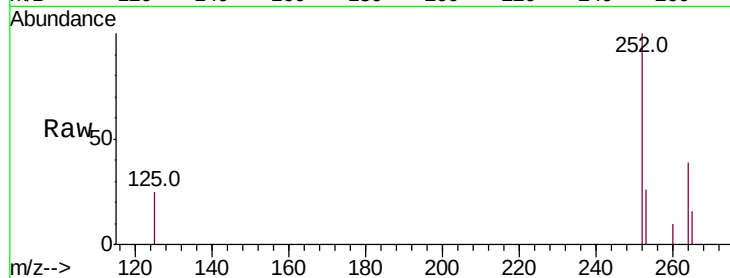
Tot Ion:252 Resp: 34056

Ion Ratio Lower Upper

252 100

253 25.8 21.1 31.7

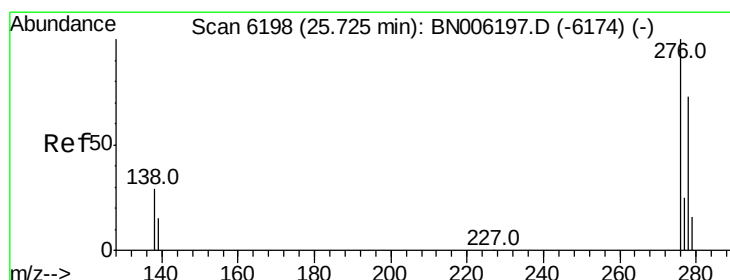
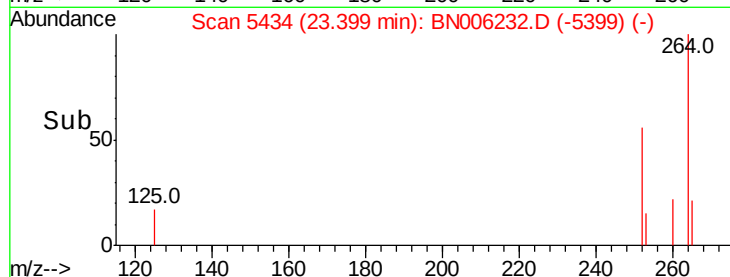
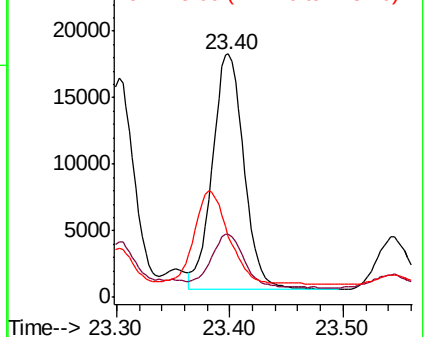
125 25.0 20.3 30.5



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: 0.380 ng/ul

RT: 25.73 min Scan# 6198

Delta R.T. -0.00 min

Lab File: BN006232.D

Acq: 10 Jun 2019 20:36

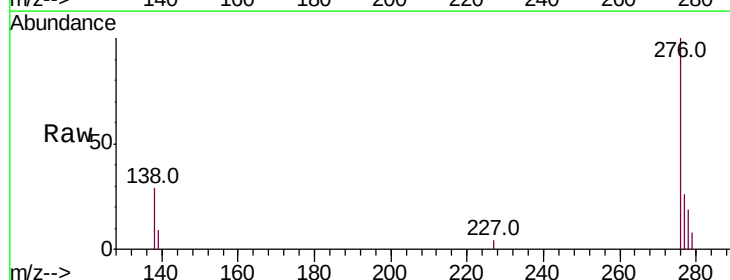
Tgt Ion:276 Resp: 29144

Ion Ratio Lower Upper

276 100

138 24.7 25.6 38.4#

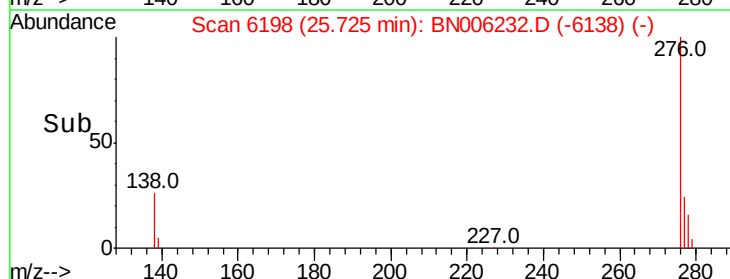
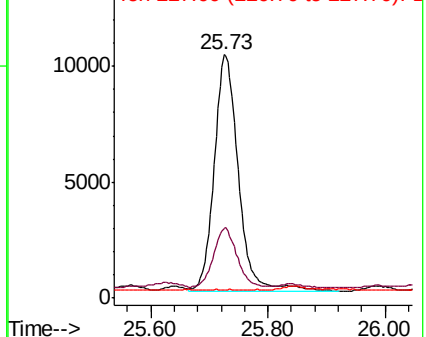
227 0.2 0.3 0.5#

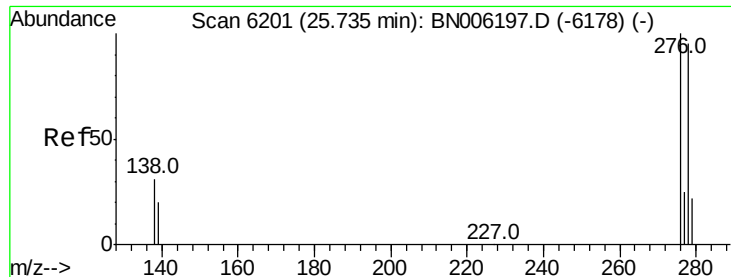


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

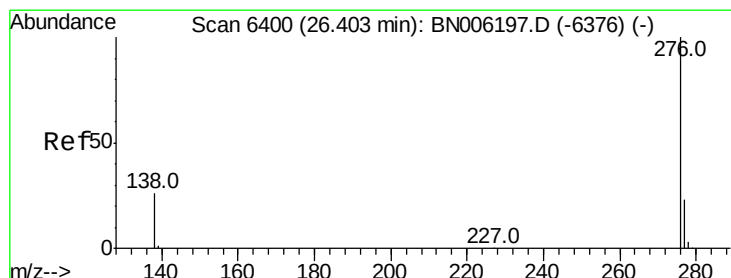
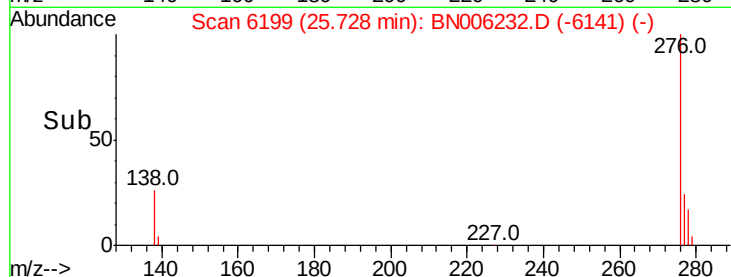
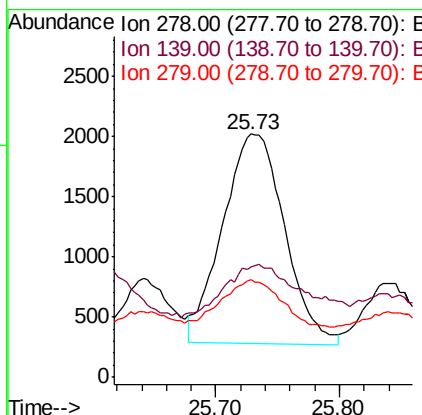
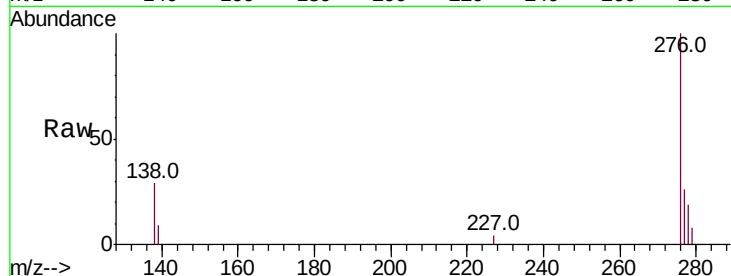




#25
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006232.D
Acq: 10 Jun 2019 20:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 6044
Ion Ratio Lower Upper
278 100
139 45.2 21.2 31.8#
279 40.2 22.6 33.8#



#26
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.01 min
Lab File: BN006232.D
Acq: 10 Jun 2019 20:36

Tgt Ion:276 Resp: 27896
Ion Ratio Lower Upper
276 100
138 29.5 24.2 36.4
277 26.2 21.5 32.3

