

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006360.D
 Acq On : 17 Jun 2019 22:10
 Operator : JU/SJ
 Sample : K3335-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:52:11 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

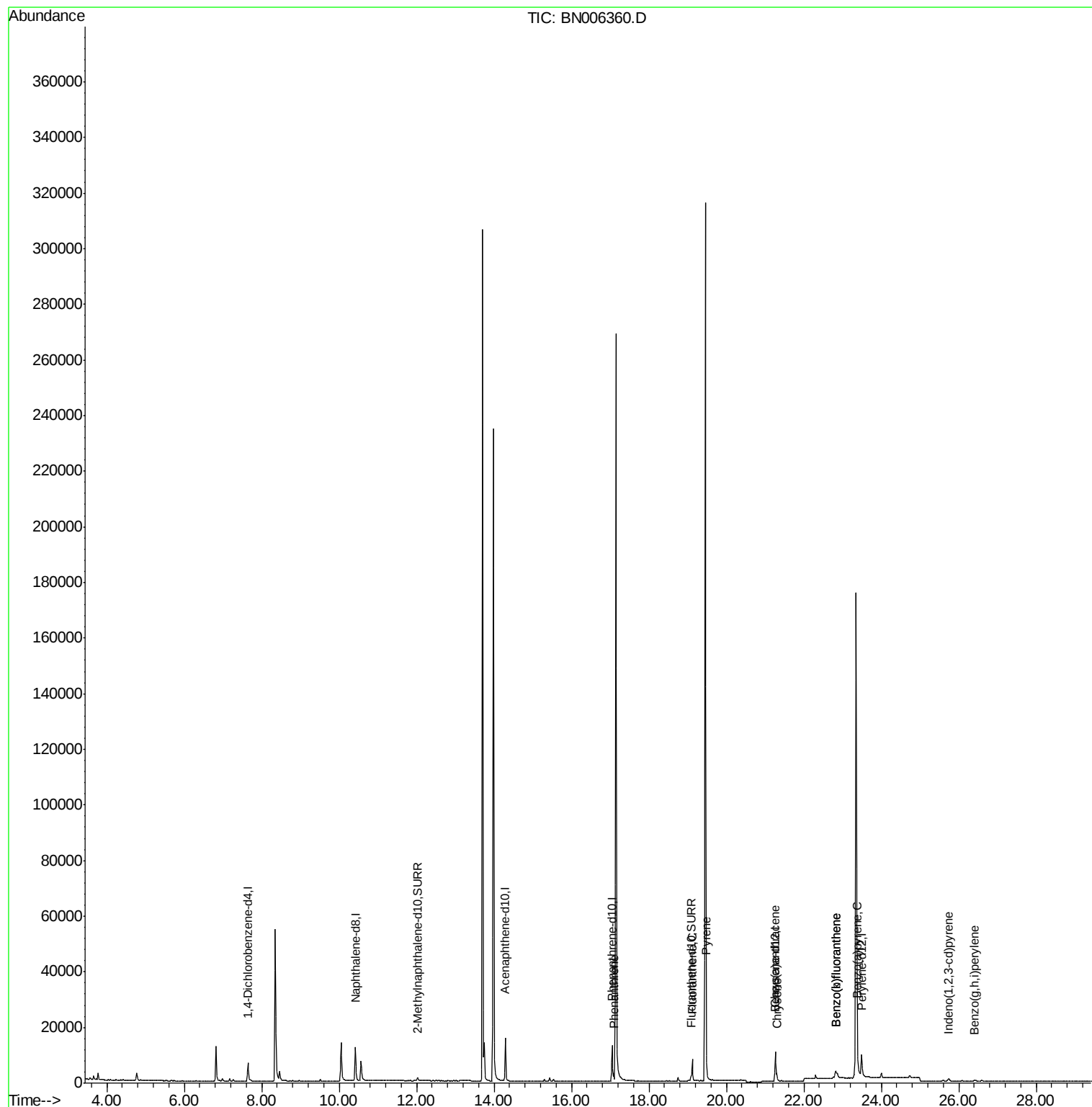
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4292	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8699	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15666	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9961	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	13153	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1859	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3522	0.08	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	2736	0.054	ng/ul#	94
15) Fluoranthene	19.12	202	7215	0.130	ng/ul	95
17) Pyrene	19.48	202	6186	0.118	ng/ul#	95
18) Benzo(a)anthracene	21.25	228	2498	0.057	ng/ul	92
19) Chrysene	21.30	228	2760	0.067	ng/ul#	94
21) Benzo(b)fluoranthene	22.83	252	5760	0.105	ng/ul	73
22) Benzo(k)fluoranthene	22.83	252	5760	0.108	ng/ul#	70
23) Benzo(a)pyrene	23.39	252	2202	0.043	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.74	276	1670	0.030	ng/ul#	43
26) Benzo(g,h,i)perylene	26.41	276	1102	0.024	ng/ul#	68

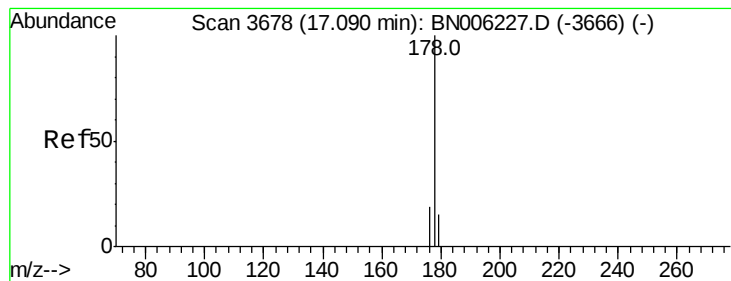
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.054 ng/ul

RT: 17.09 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN006360.D

Acq: 17 Jun 2019 22:10

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BNA_N

ClientSampleId :

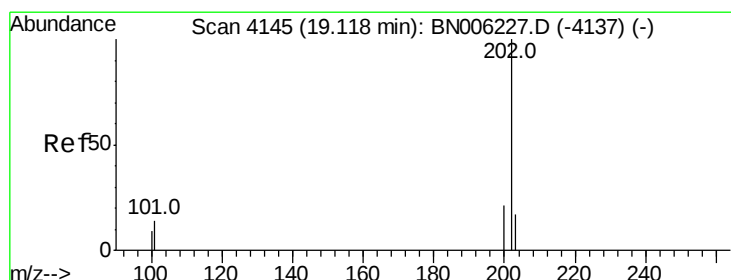
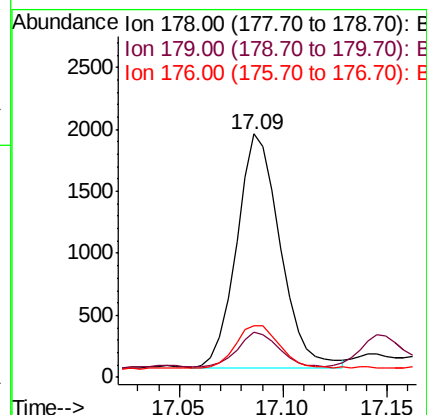
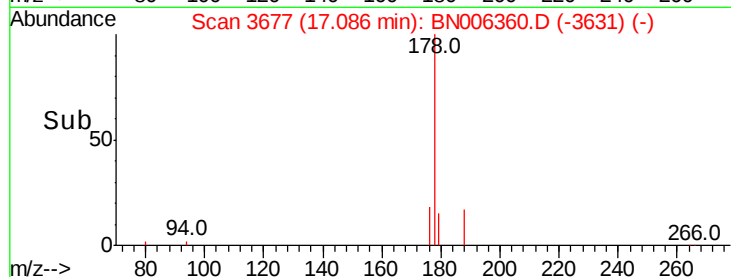
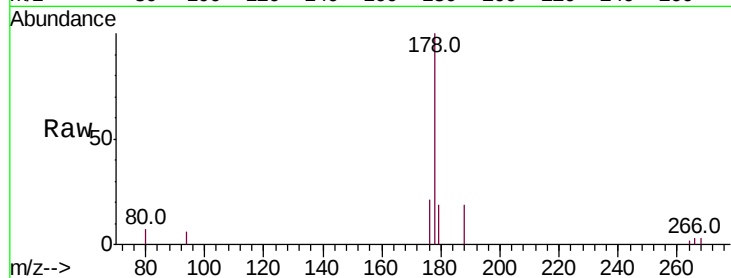
Tot Ion:178 Resp: 2736

Ion Ratio Lower Upper

178 100

179 18.5 12.3 18.5#

176 21.1 15.3 22.9



#15

Fluoranthene

Concen: 0.130 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN006360.D

Acq: 17 Jun 2019 22:10

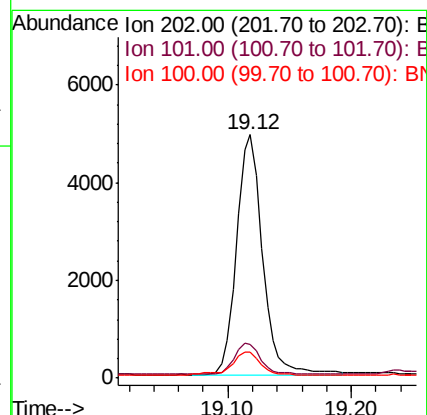
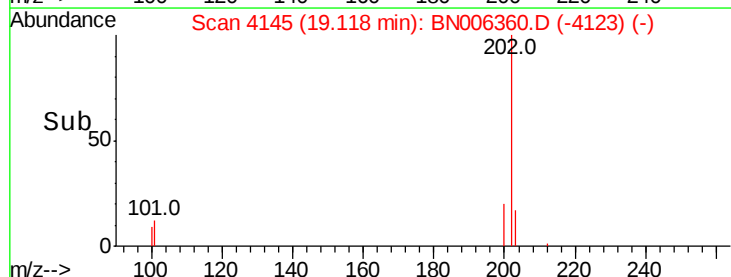
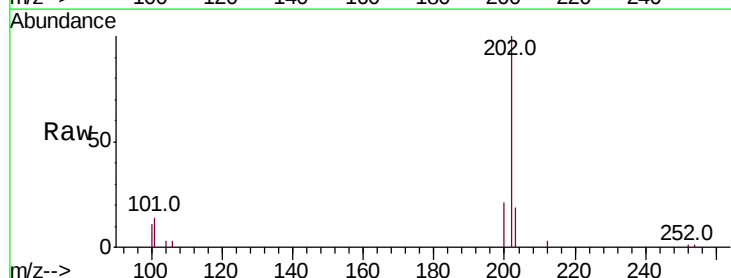
Tgt Ion:202 Resp: 7215

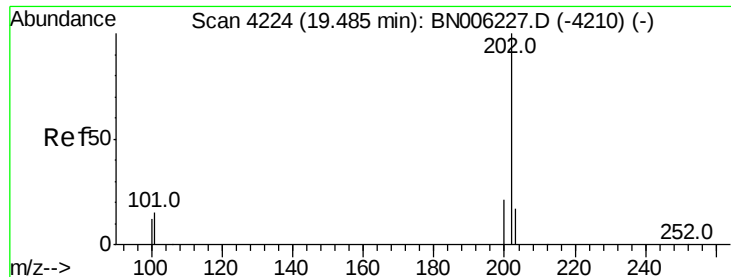
Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.1

100 10.5 0.0 28.7

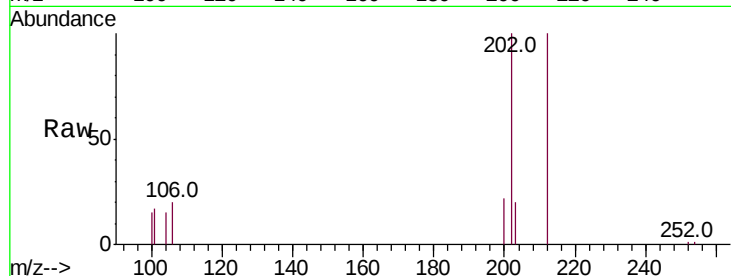




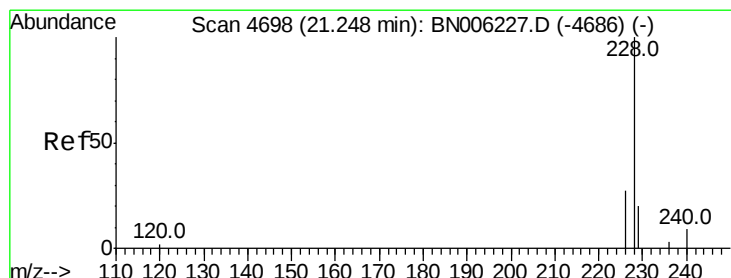
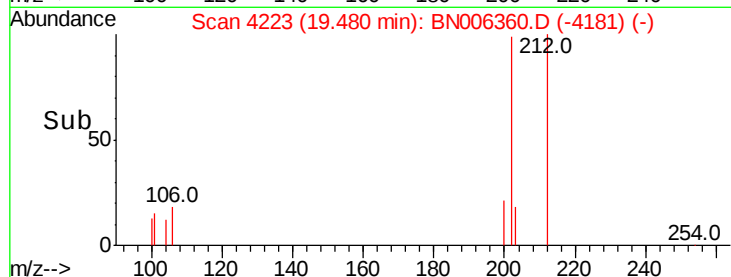
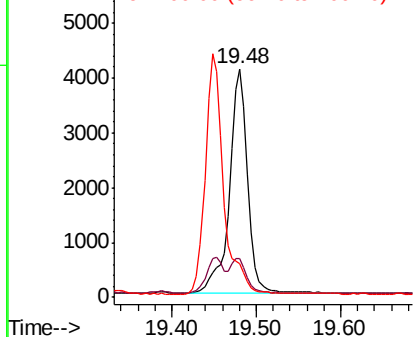
#17
Pvrene
Concen: 0.118 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN006360.D
Acq: 17 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 6186
Ion Ratio Lower Upper
202 100
101 17.0 12.2 18.2
100 14.8 9.8 14.6#

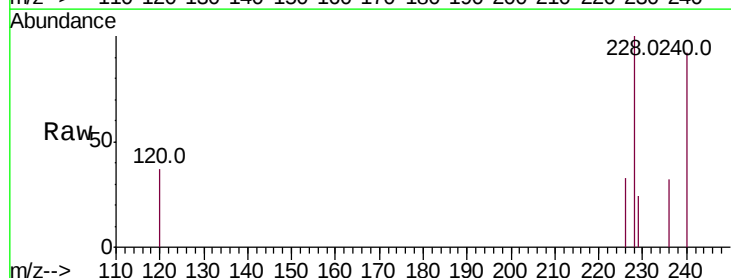


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

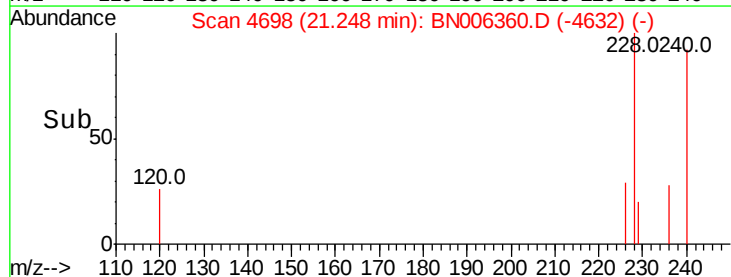
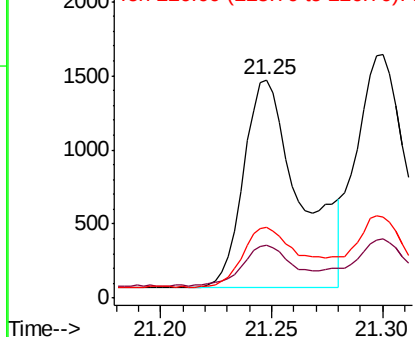


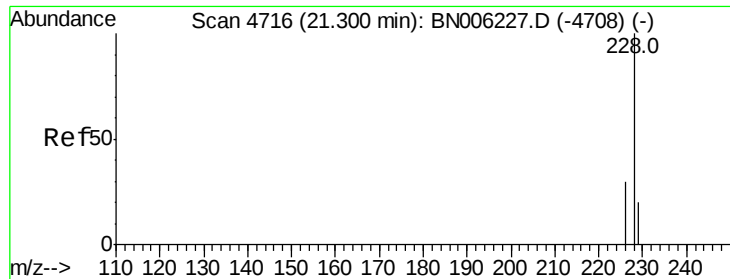
#18
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN006360.D
Acq: 17 Jun 2019 22:10

Tgt Ion:228 Resp: 2498
Ion Ratio Lower Upper
228 100
229 24.5 16.5 24.7
226 32.7 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: 0.067 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.01 min

Lab File: BN006360.D

Acq: 17 Jun 2019 22:10

Instrument :

BNA_N

ClientSampled :

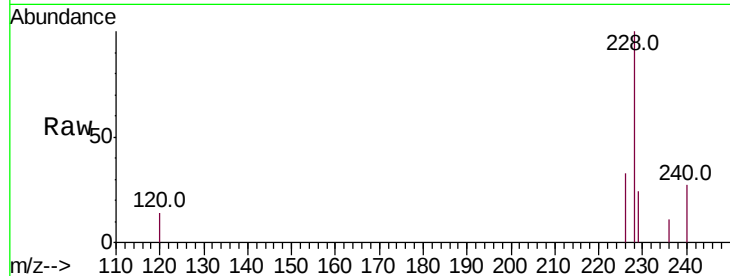
Tot Ion:228 Resp: 2760

Ion Ratio Lower Upper

228 100

226 33.3 25.0 37.6

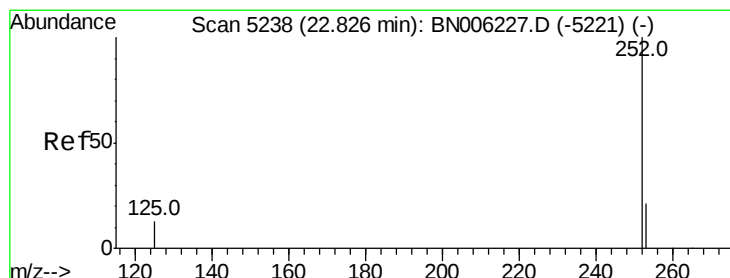
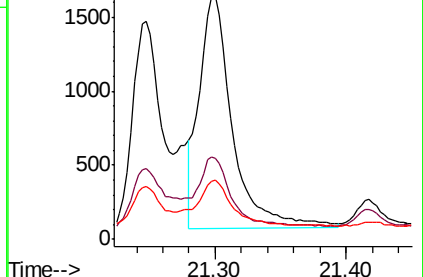
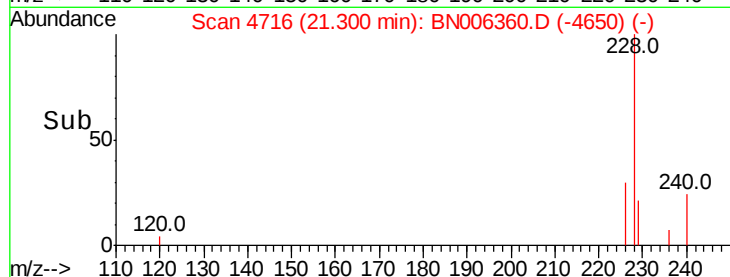
229 24.5 16.3 24.5#



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: 0.105 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.01 min

Lab File: BN006360.D

Acq: 17 Jun 2019 22:10

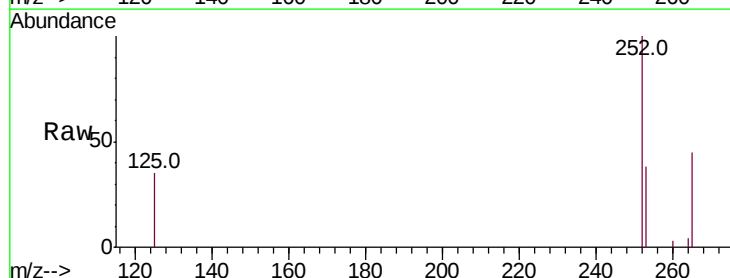
Tgt Ion:252 Resp: 5760

Ion Ratio Lower Upper

252 100

253 37.6 0.0 51.4

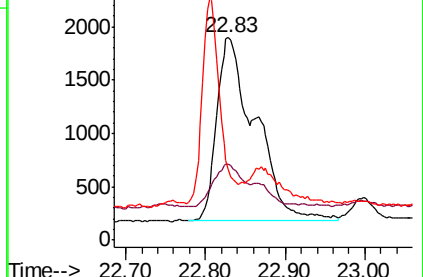
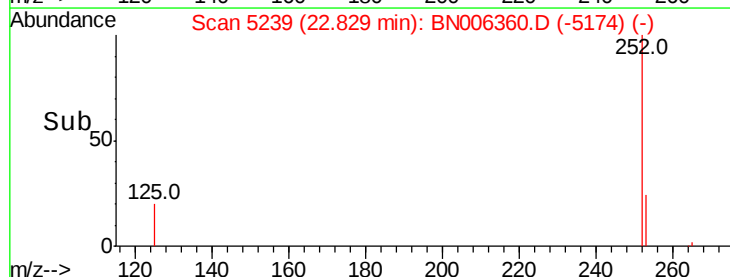
125 35.0 0.0 41.0

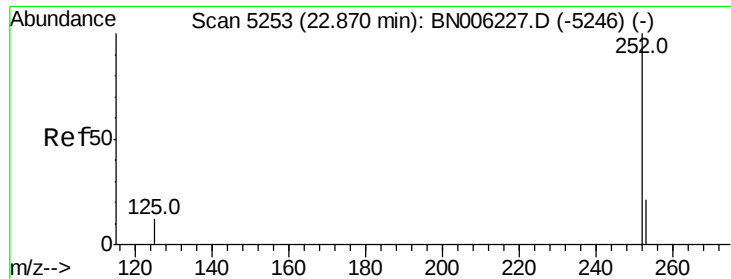


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.108 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.05 min

Lab File: BN006360.D

Acq: 17 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

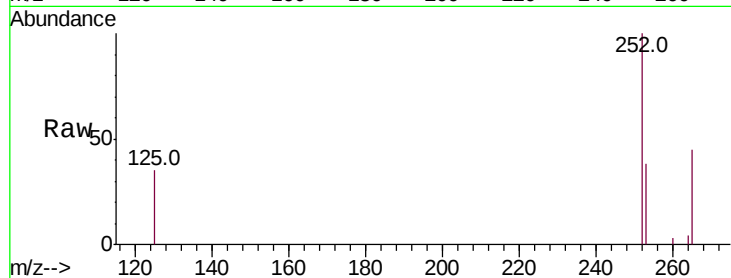
Tot Ion:252 Resp: 5760

Ion Ratio Lower Upper

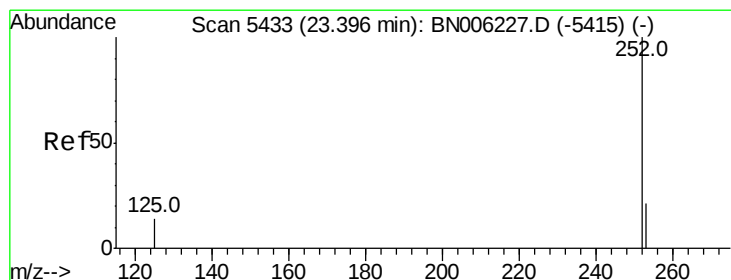
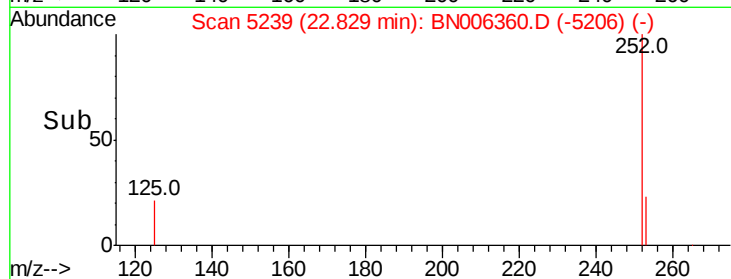
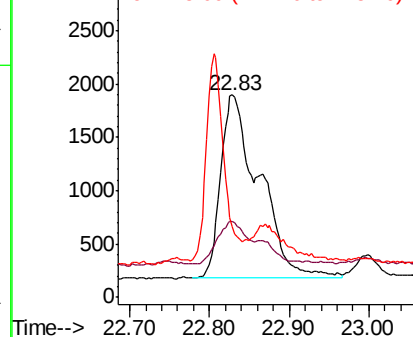
252 100

253 37.6 20.3 30.5#

125 35.0 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: 0.043 ng/ul

RT: 23.39 min Scan# 5431

Delta R.T. -0.02 min

Lab File: BN006360.D

Acq: 17 Jun 2019 22:10

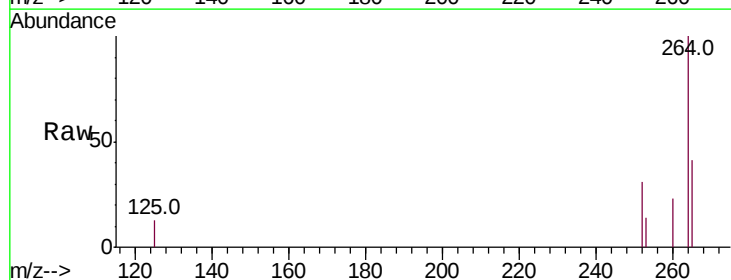
Tgt Ion:252 Resp: 2202

Ion Ratio Lower Upper

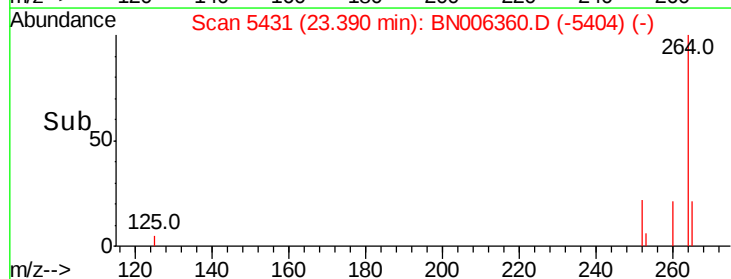
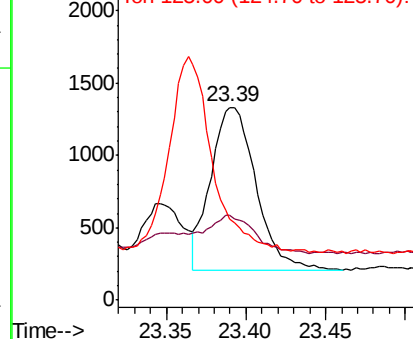
252 100

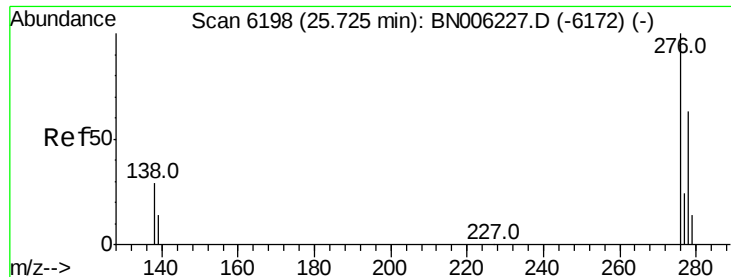
253 44.1 21.1 31.7#

125 41.9 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

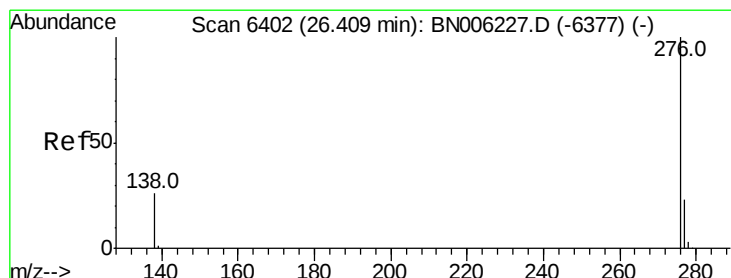
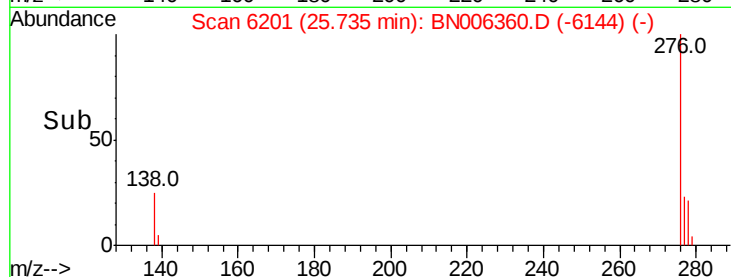
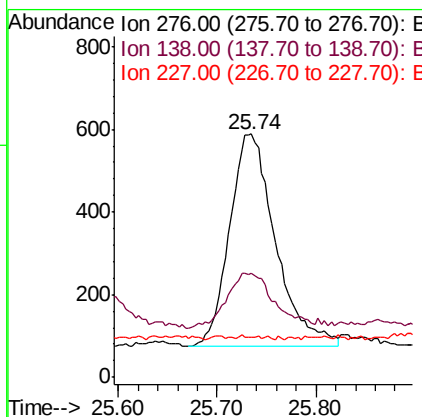
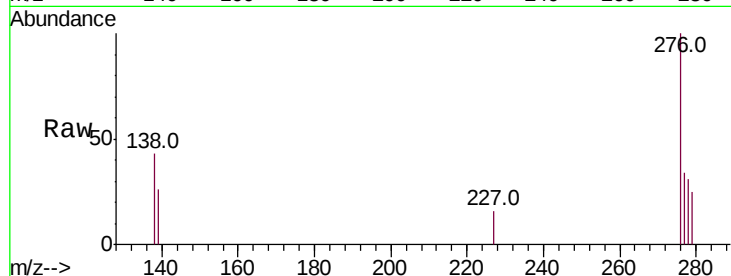




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.030 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.01 min
 Lab File: BN006360.D
 Acq: 17 Jun 2019 22:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 1670
 Ion Ratio Lower Upper
 276 100
 138 0.0 25.6 38.4#
 227 0.1 0.3 0.5#



#26
 Benzo(g,h,i)perylene
 Concen: 0.024 ng/ul
 RT: 26.41 min Scan# 6403
 Delta R.T. -0.02 min
 Lab File: BN006360.D
 Acq: 17 Jun 2019 22:10

Tgt Ion:276 Resp: 1102
 Ion Ratio Lower Upper
 276 100
 138 50.0 24.2 36.4#
 277 41.0 21.5 32.3#

