

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006252.D
 Acq On : 11 Jun 2019 18:38
 Operator : JU/SJ
 Sample : K3083-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 01:12:11 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

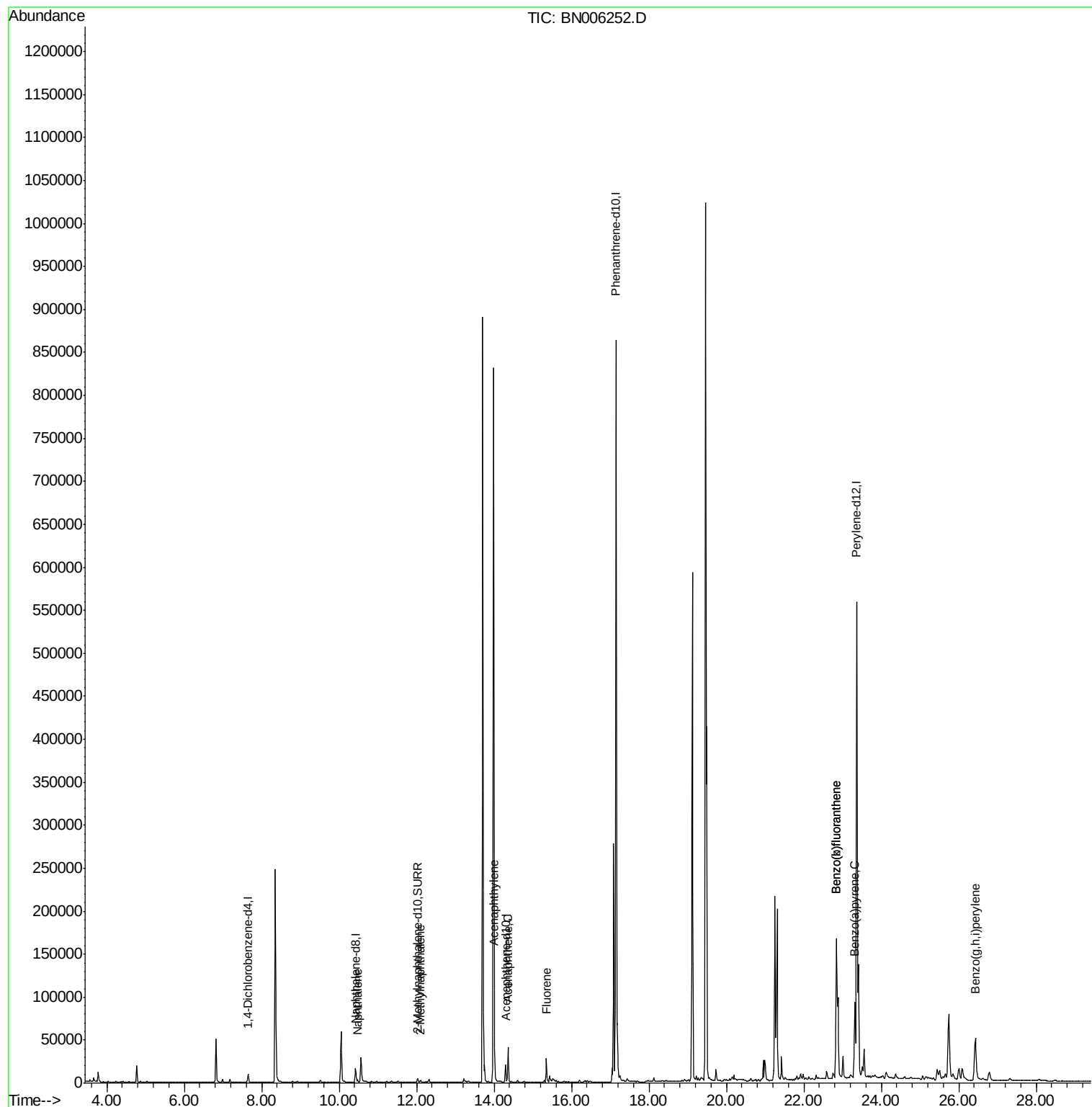
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	22198	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	926889	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.26
20) Perylene-d12	23.36	264	747821	0.40	ng/ul	-0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6766	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.47	128	3915	0.064	ng/ul#	92
5) 2-Methylnaphthalene	12.10	142	1989	0.047	ng/ul	97
7) Acenaphthylene	14.01	152	3291	0.054	ng/ul#	90
8) Acenaphthene	14.36	153	22503	0.530	ng/ul	99
9) Fluorene	15.35	166	17107	0.344	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	319803	0.103	ng/ul	97
22) Benzo(k)fluoranthene	22.84	252	302120	0.099	ng/ul	96
23) Benzo(a)pyrene	23.31	252	116955	0.040	ng/ul#	91
26) Benzo(g,h,i)perylene	26.43	276	85037	0.032	ng/ul	95

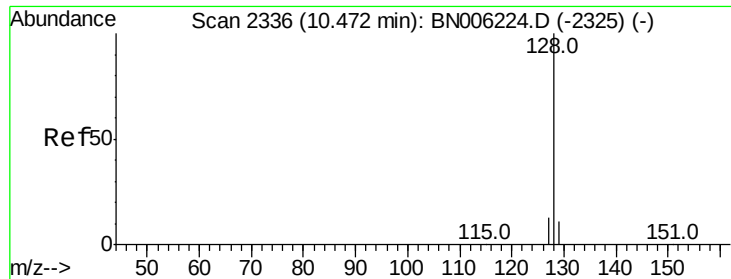
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

Instrument :

BNA_N

ClientSampleId :

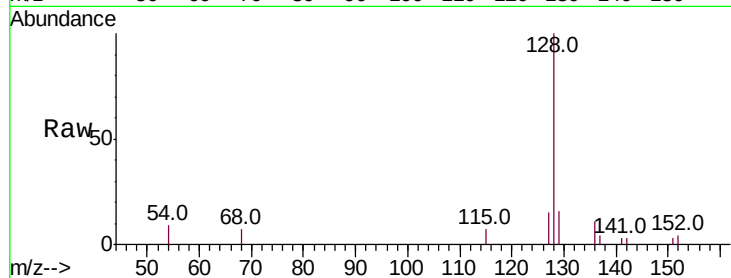
Tot Ion:128 Resp: 3915

Ion Ratio Lower Upper

128 100

129 15.6 9.3 13.9#

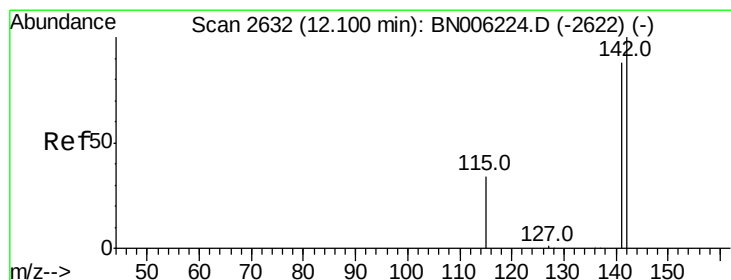
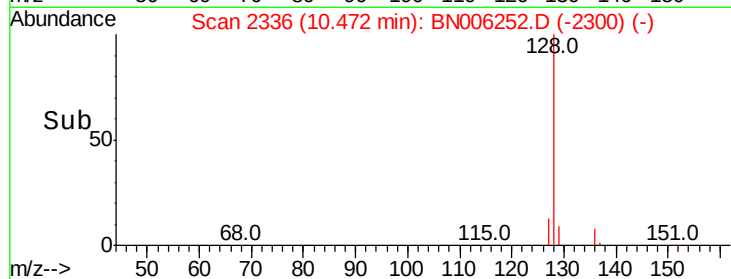
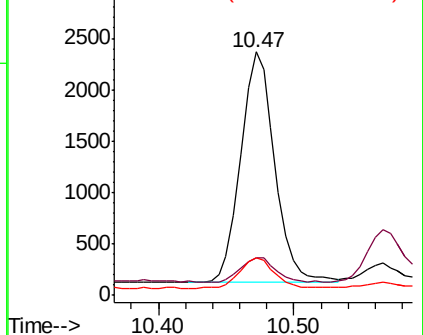
127 15.5 10.7 16.1



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: 0.047 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006252.D

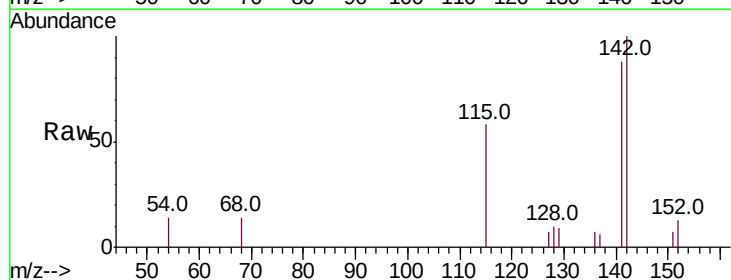
Acq: 11 Jun 2019 18:38

Tgt Ion:142 Resp: 1989

Ion Ratio Lower Upper

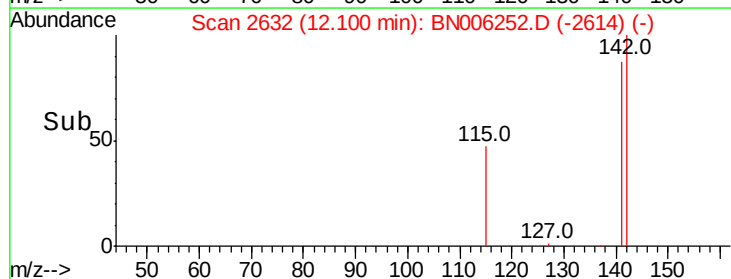
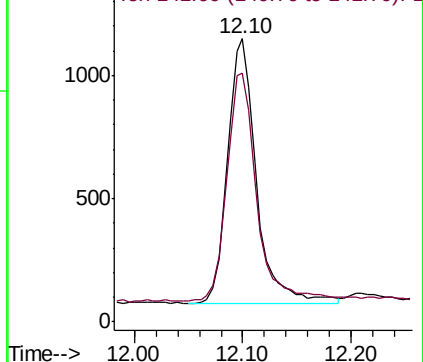
142 100

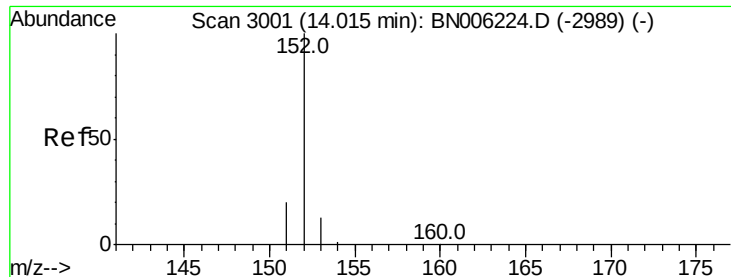
141 91.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

Instrument :

BNA_N

ClientSampleId :

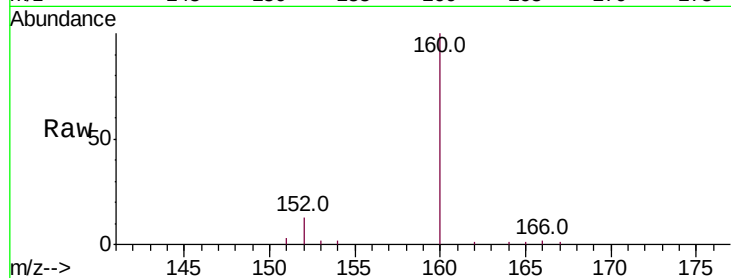
Tot Ion:152 Resp: 3291

Ion Ratio Lower Upper

152 100

151 23.5 15.8 23.8

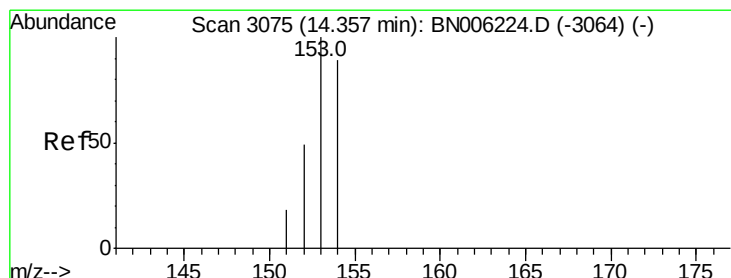
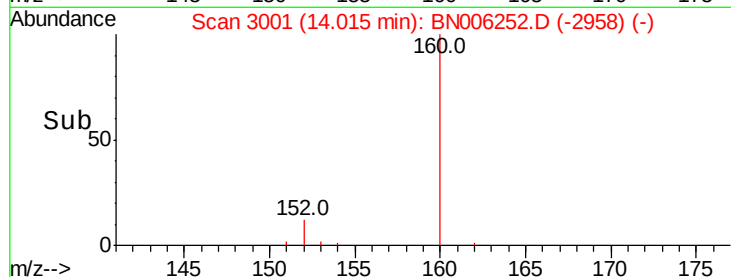
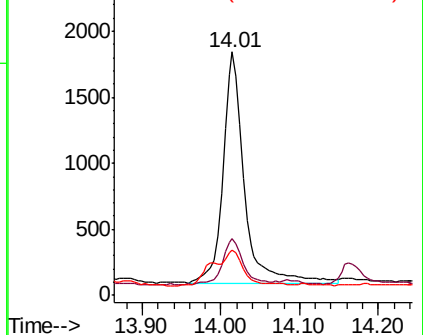
153 18.4 10.8 16.2#



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



#8

Acenaphthene

Concen: 0.530 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

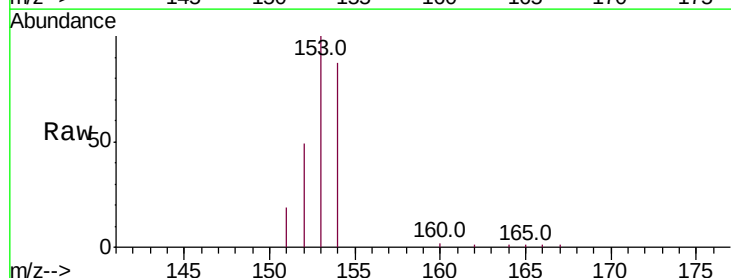
Tgt Ion:153 Resp: 22503

Ion Ratio Lower Upper

153 100

152 49.0 39.1 58.7

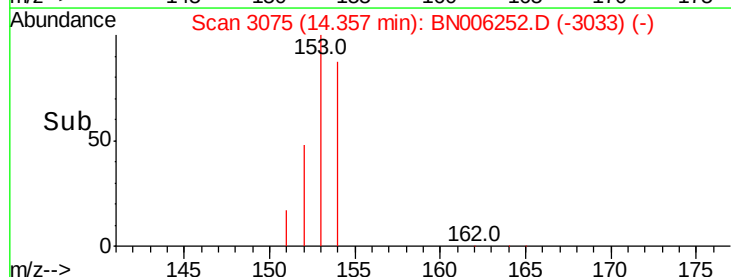
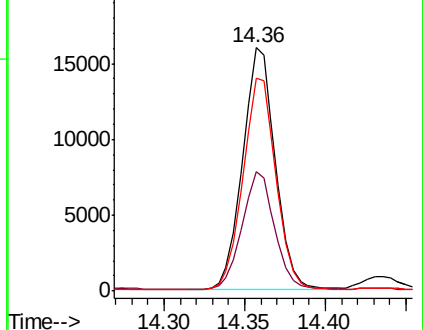
154 87.5 71.1 106.7

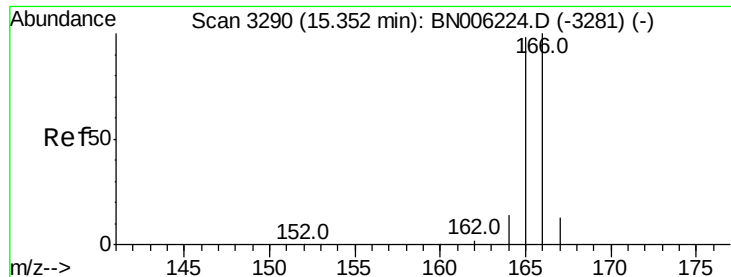


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.344 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

Instrument :

BNA_N

ClientSampleId :

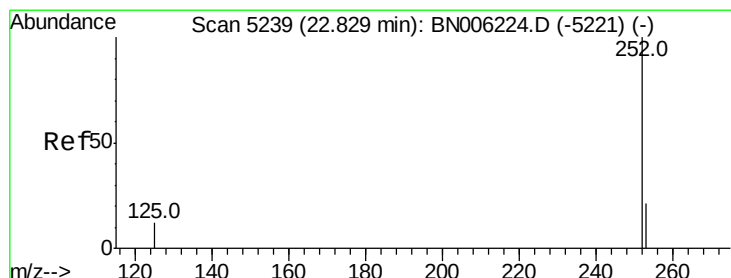
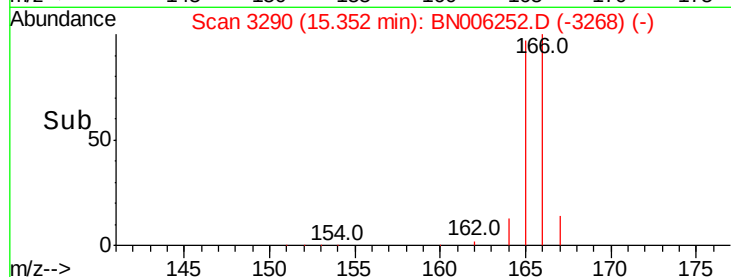
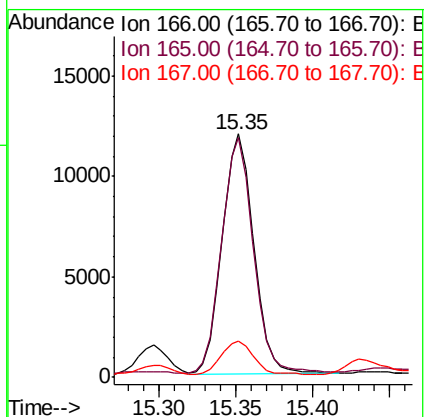
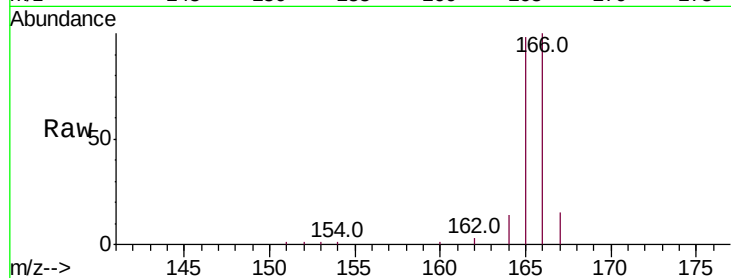
Tot Ion:166 Resp: 17107

Ion Ratio Lower Upper

166 100

165 98.3 76.4 114.6

167 14.7 11.0 16.6



#21

Benzo(b)fluoranthene

Concen: 0.103 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. 0.01 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

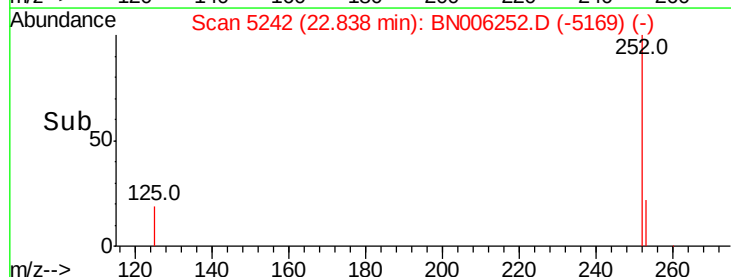
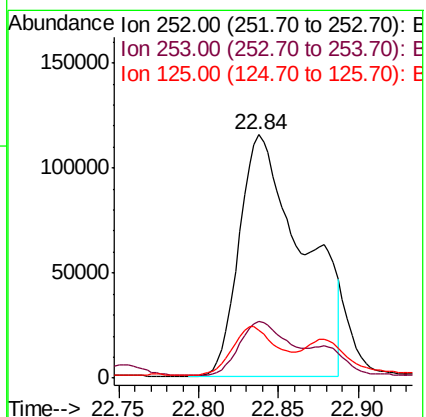
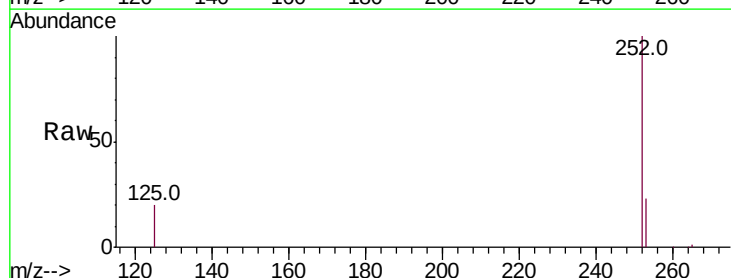
Tgt Ion:252 Resp: 319803

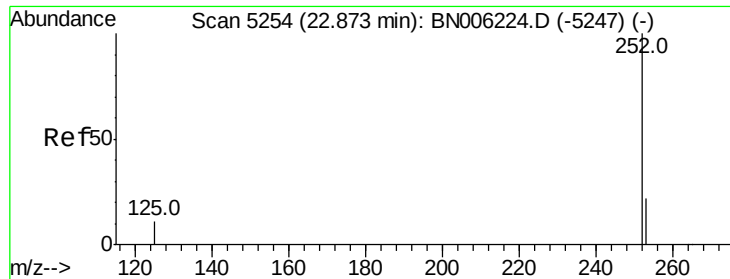
Ion Ratio Lower Upper

252 100

253 23.3 0.0 51.4

125 19.9 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.099 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. -0.03 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

Instrument :

BNA_N

ClientSampleId :

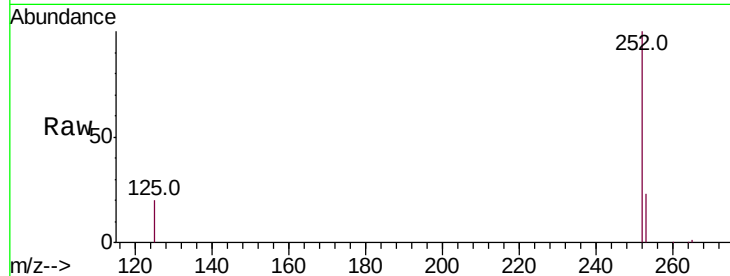
Tot Ion:252 Resp: 302120

Ion Ratio Lower Upper

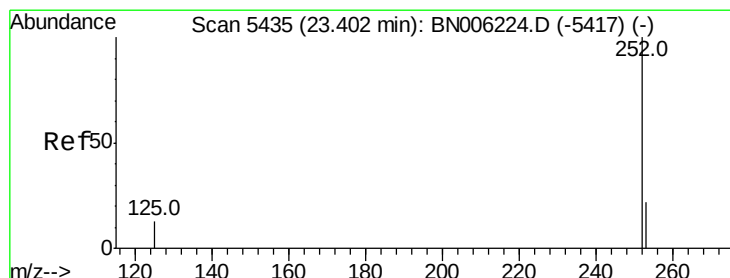
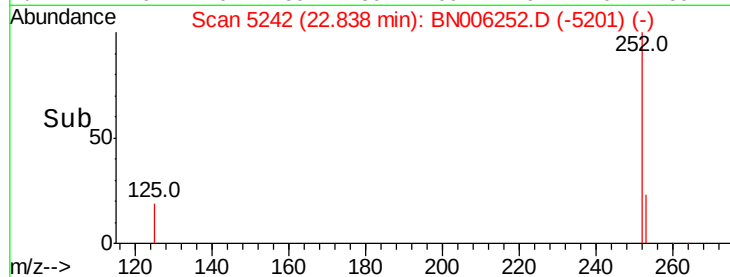
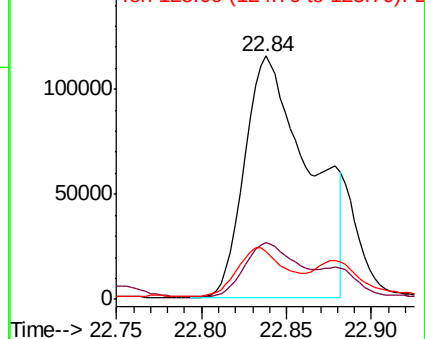
252 100

253 23.3 20.3 30.5

125 19.9 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: 0.040 ng/ul

RT: 23.31 min Scan# 5404

Delta R.T. -0.08 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

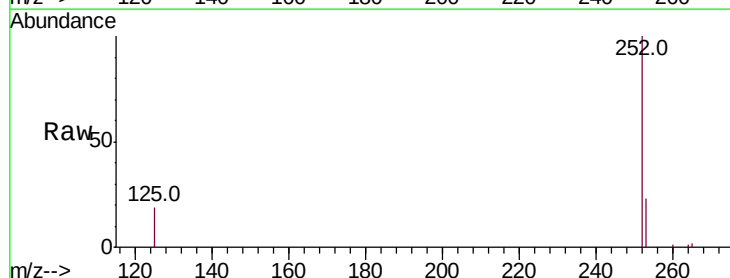
Tgt Ion:252 Resp: 116955

Ion Ratio Lower Upper

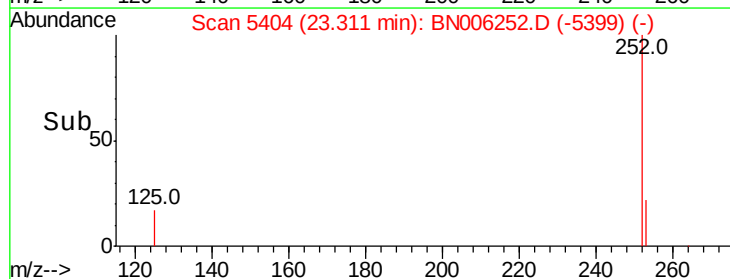
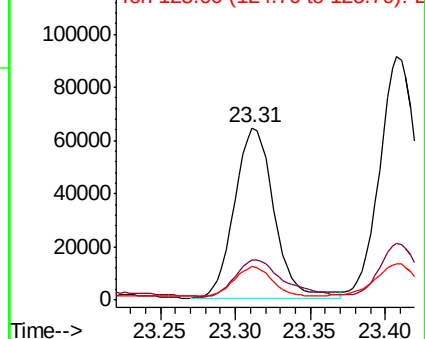
252 100

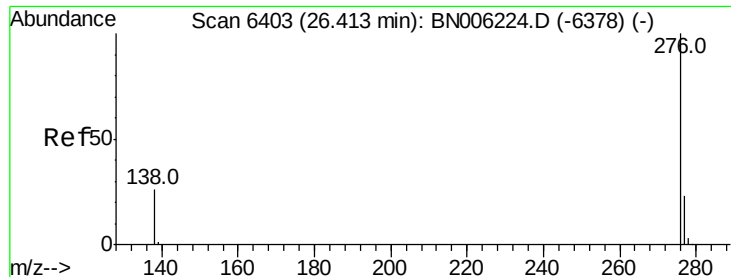
253 23.1 21.1 31.7

125 19.3 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





#26

Benzo(a,h,i)perylene

Concen: 0.032 ng/ul

RT: 26.43 min Scan# 6407

Delta R.T. 0.02 min

Lab File: BN006252.D

Acq: 11 Jun 2019 18:38

Instrument :

BNA_N

ClientSampleId :

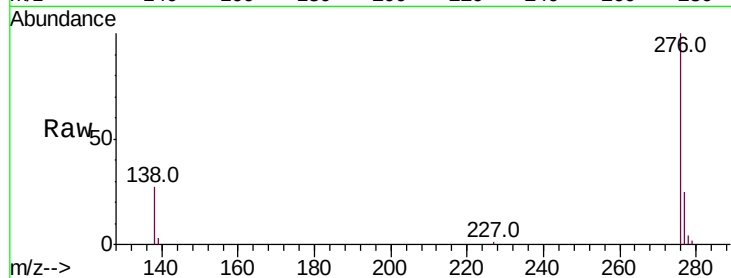
Tot Ion:276 Resp: 85037

Ion Ratio Lower Upper

276 100

138 27.2 24.2 36.4

277 24.8 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

