

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006532.D
 Acq On : 24 Jun 2019 15:53
 Operator : HP/JU
 Sample : K3362-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4207

Quant Time: Jun 25 00:44:07 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

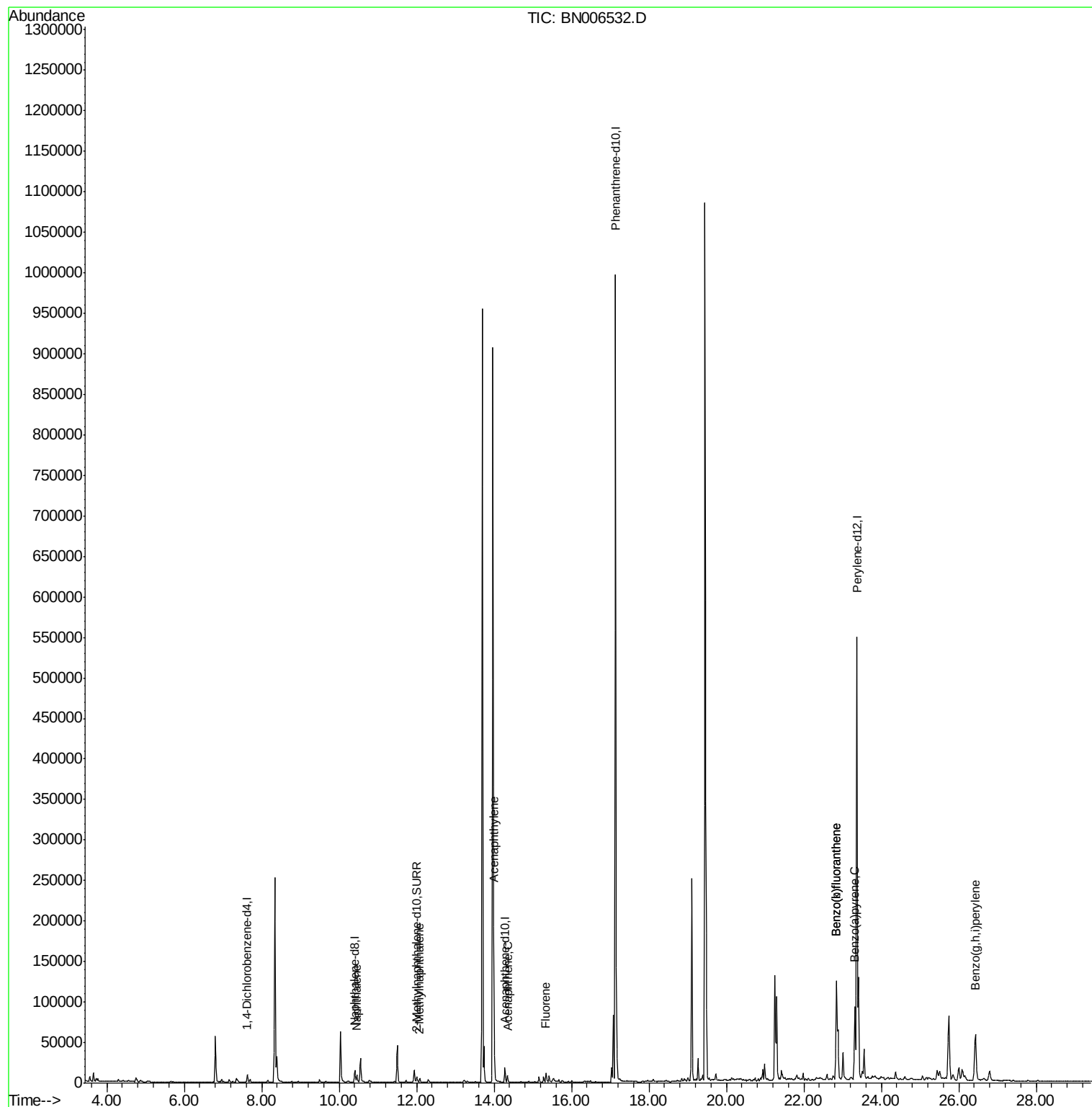
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5163	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19643	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10141	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.14	188	1116210	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.37	264	682092	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8637	0.29	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	12370	0.228	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	3612	0.096	ng/ul	99
7) Acenaphthylene	14.00	152	73274	1.300	ng/ul	99
8) Acenaphthene	14.34	153	4863	0.124	ng/ul	98
9) Fluorene	15.34	166	8683	0.190	ng/ul	96
21) Benzo(b)fluoranthene	22.84	252	247659	0.087	ng/ul	90
22) Benzo(k)fluoranthene	22.84	252	234489	0.085	ng/ul#	93
23) Benzo(a)pyrene	23.31	252	117135	0.044	ng/ul#	90
26) Benzo(g,h,i)perylene	26.43	276	105176	0.044	ng/ul	95

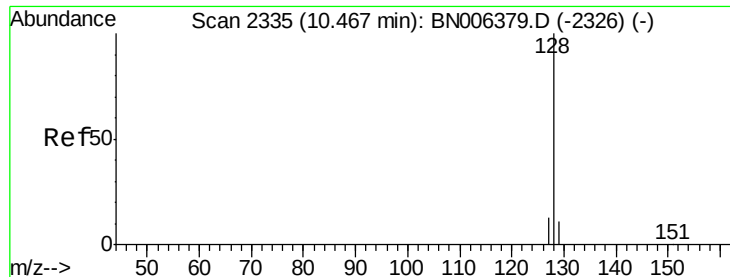
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.228 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

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ClientSampleId :

A4207

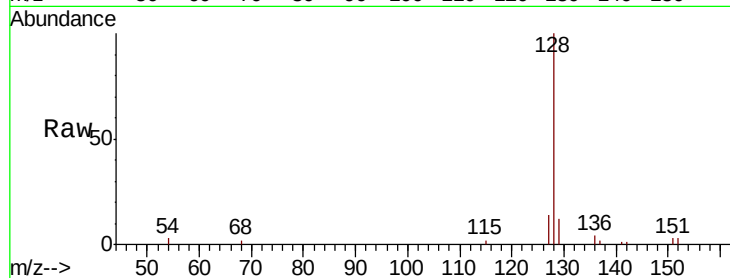
Tgt Ion:128 Resp: 12370

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

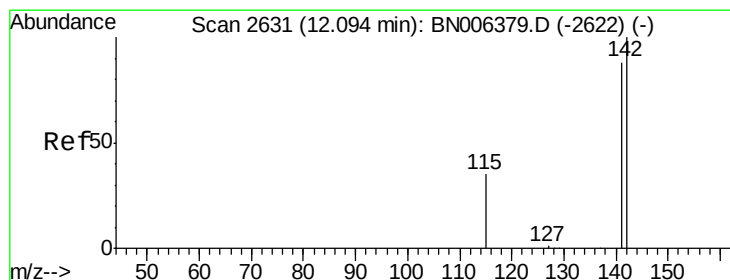
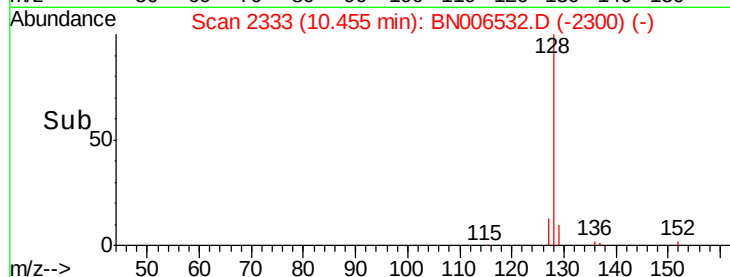
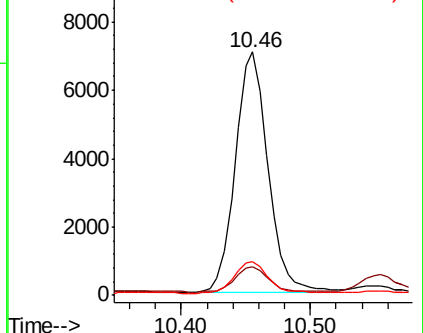
127 13.9 10.7 16.1



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: 0.096 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN006532.D

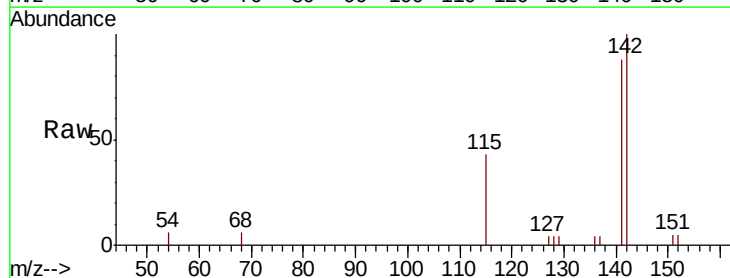
Acq: 24 Jun 2019 15:53

Tgt Ion:142 Resp: 3612

Ion Ratio Lower Upper

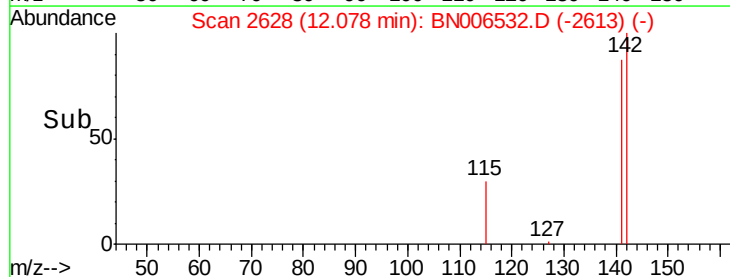
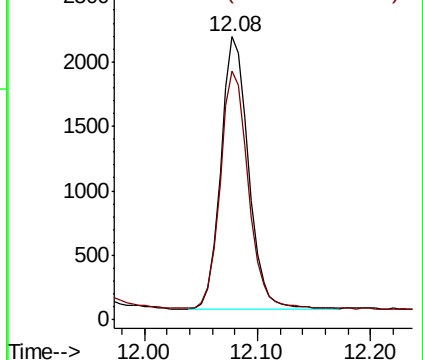
142 100

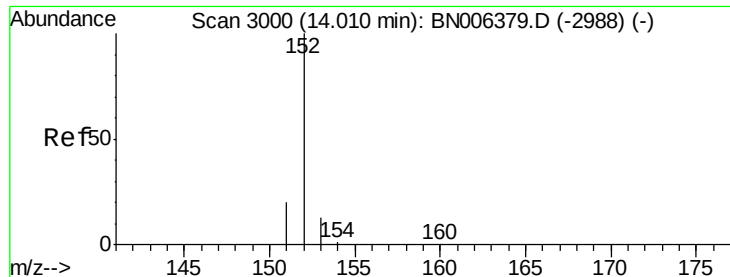
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.300 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

ClientSampleId :

A4207

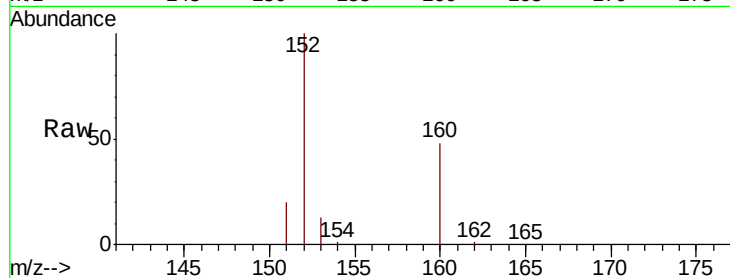
Tgt Ion:152 Resp: 73274

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.3 10.8 16.2

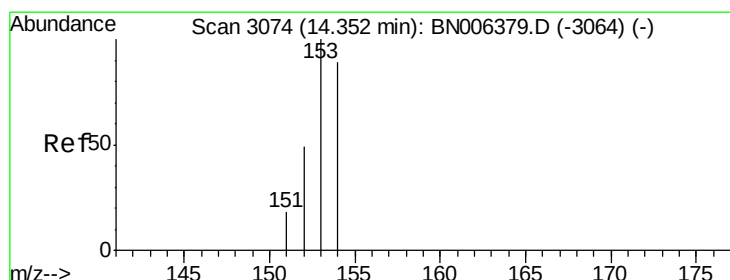
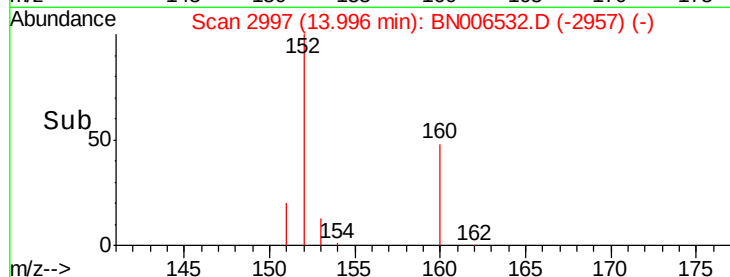
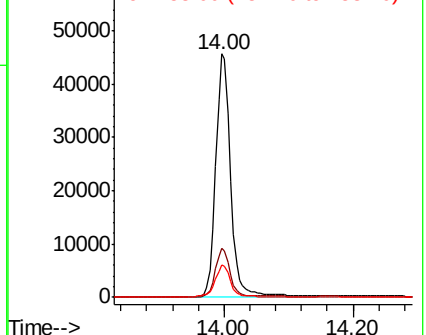


Abundance

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



#8

Acenaphthene

Concen: 0.124 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

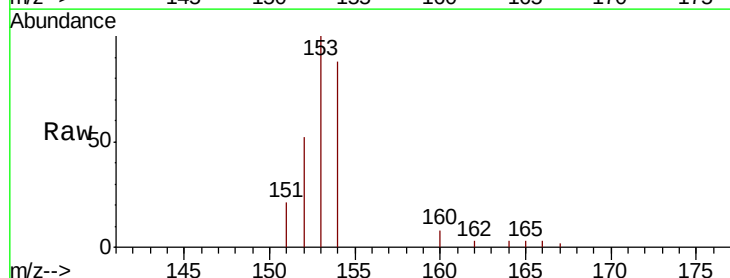
Tgt Ion:153 Resp: 4863

Ion Ratio Lower Upper

153 100

152 51.9 39.1 58.7

154 88.2 71.1 106.7

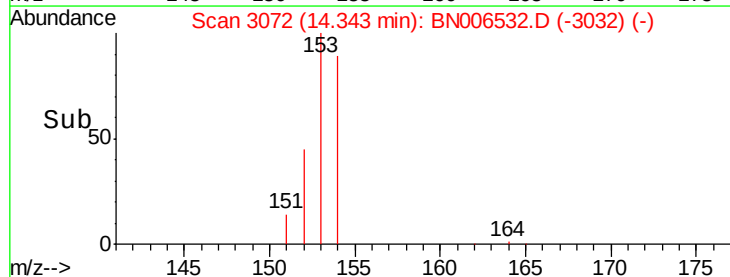
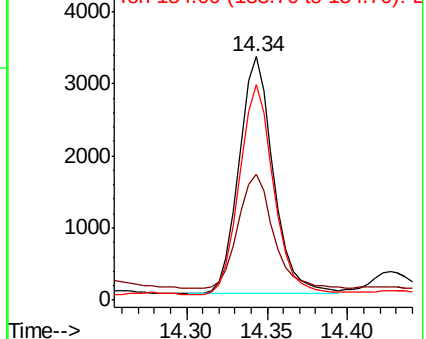


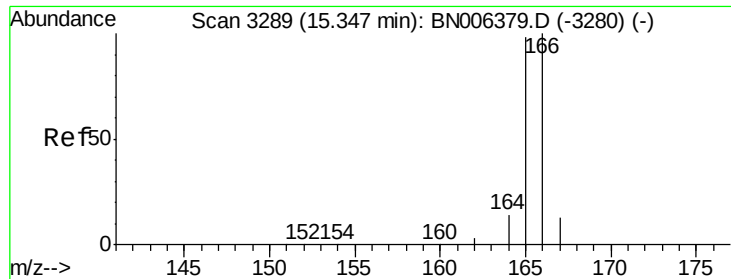
Abundance

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: 0.190 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

ClientSampleId :

A4207

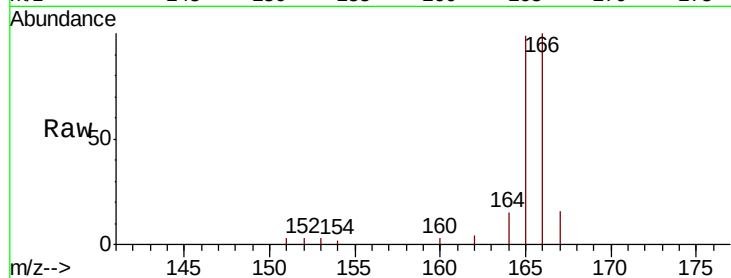
Tgt Ion:166 Resp: 8683

Ion Ratio Lower Upper

166 100

165 98.8 76.4 114.6

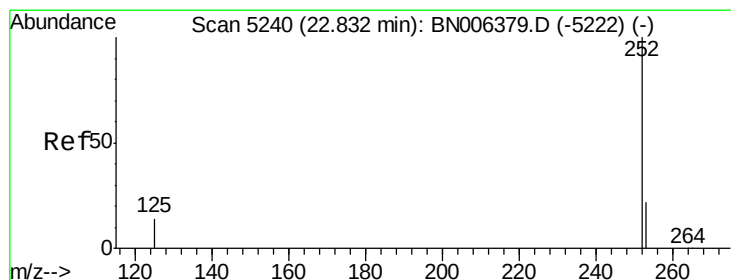
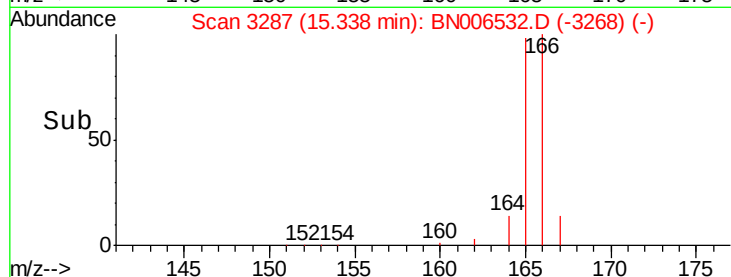
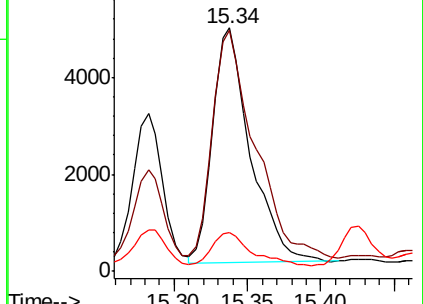
167 16.1 11.0 16.6



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



#21

Benzo(b)fluoranthene

Concen: 0.087 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. 0.00 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

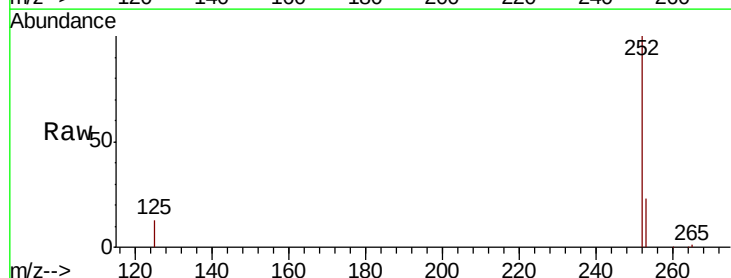
Tgt Ion:252 Resp: 247659

Ion Ratio Lower Upper

252 100

253 23.0 0.0 51.4

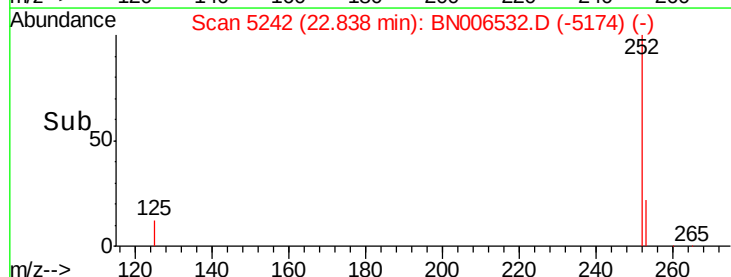
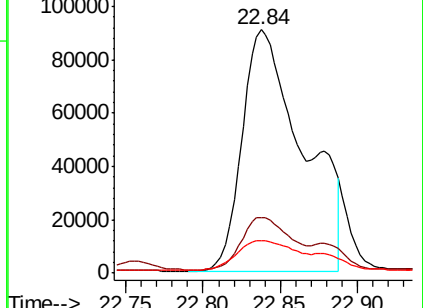
125 13.5 0.0 41.0

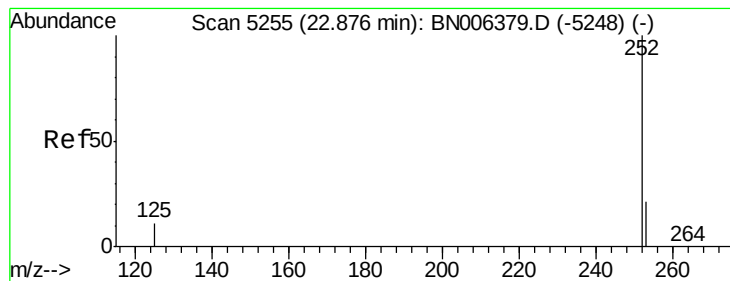


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.085 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. -0.04 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

ClientSampleId :

A4207

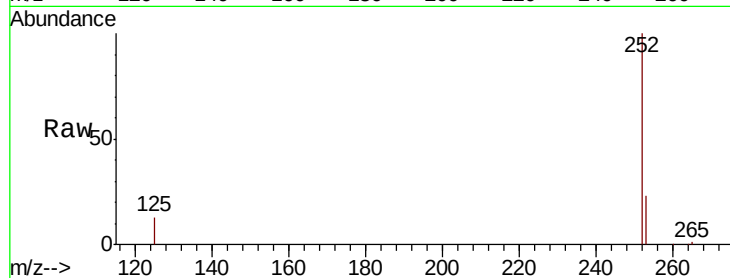
Tgt Ion:252 Resp: 234489

Ion Ratio Lower Upper

252 100

253 23.0 20.3 30.5

125 13.5 14.3 21.5#

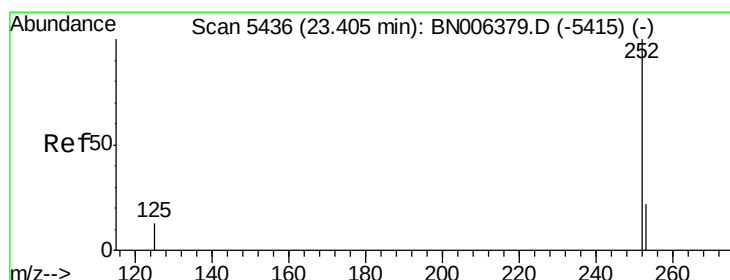
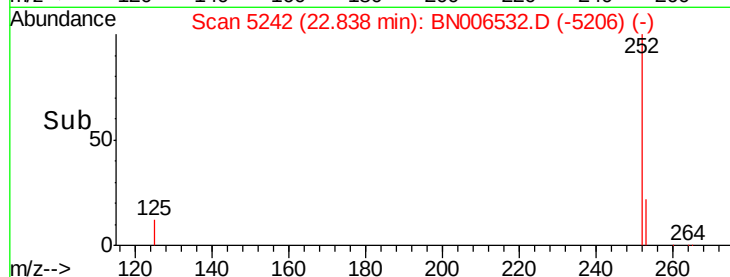
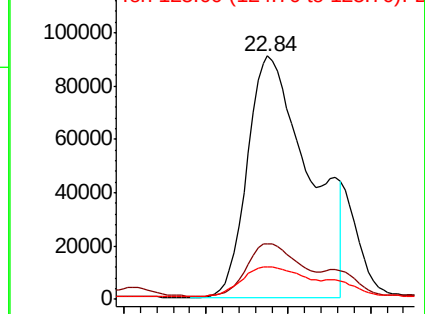


Abundance

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: 0.044 ng/ul

RT: 23.31 min Scan# 5405

Delta R.T. -0.10 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

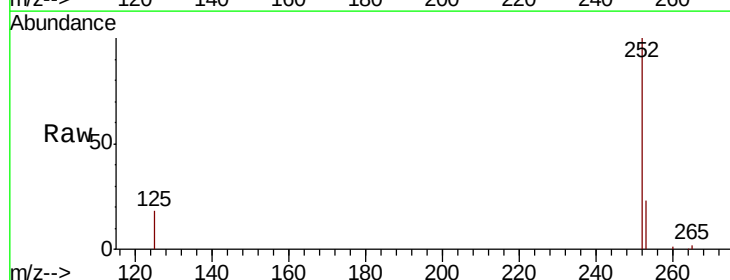
Tgt Ion:252 Resp: 117135

Ion Ratio Lower Upper

252 100

253 23.1 21.1 31.7

125 18.3 20.3 30.5#

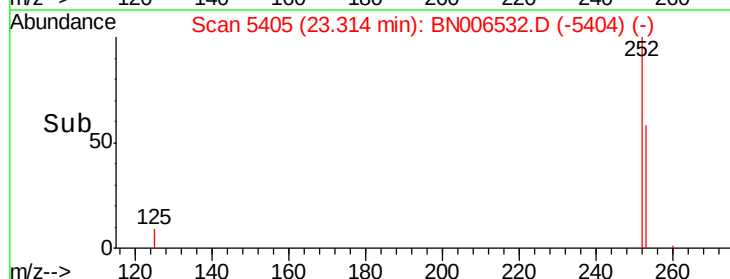
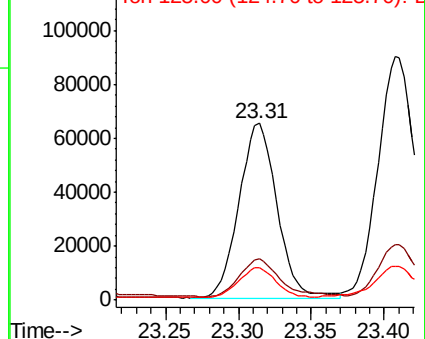


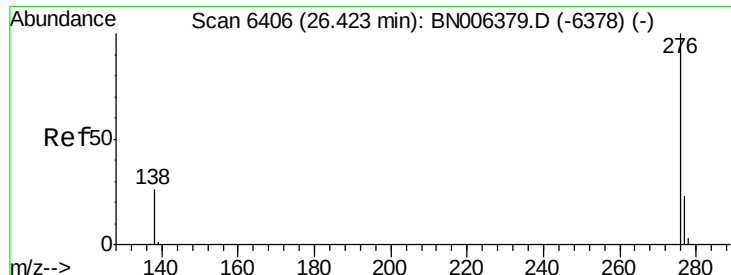
Abundance

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(g,h,i)perylene

Concen: 0.044 ng/ul

RT: 26.43 min Scan# 6407

Delta R.T. -0.00 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

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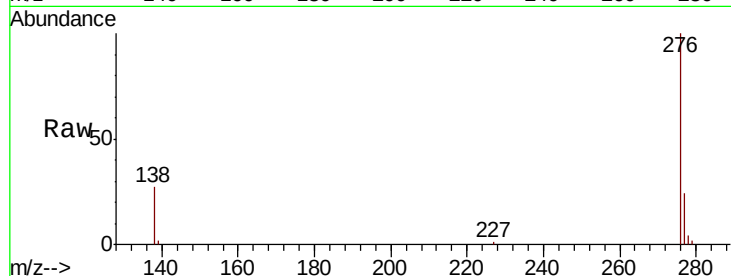
Tgt Ion:276 Resp: 105176

Ion Ratio Lower Upper

276 100

138 27.5 24.2 36.4

277 24.4 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

