

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006526.D
 Acq On : 24 Jun 2019 12:05
 Operator : HP/JU
 Sample : K3360-21MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Quant Time: Jun 25 00:43:16 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

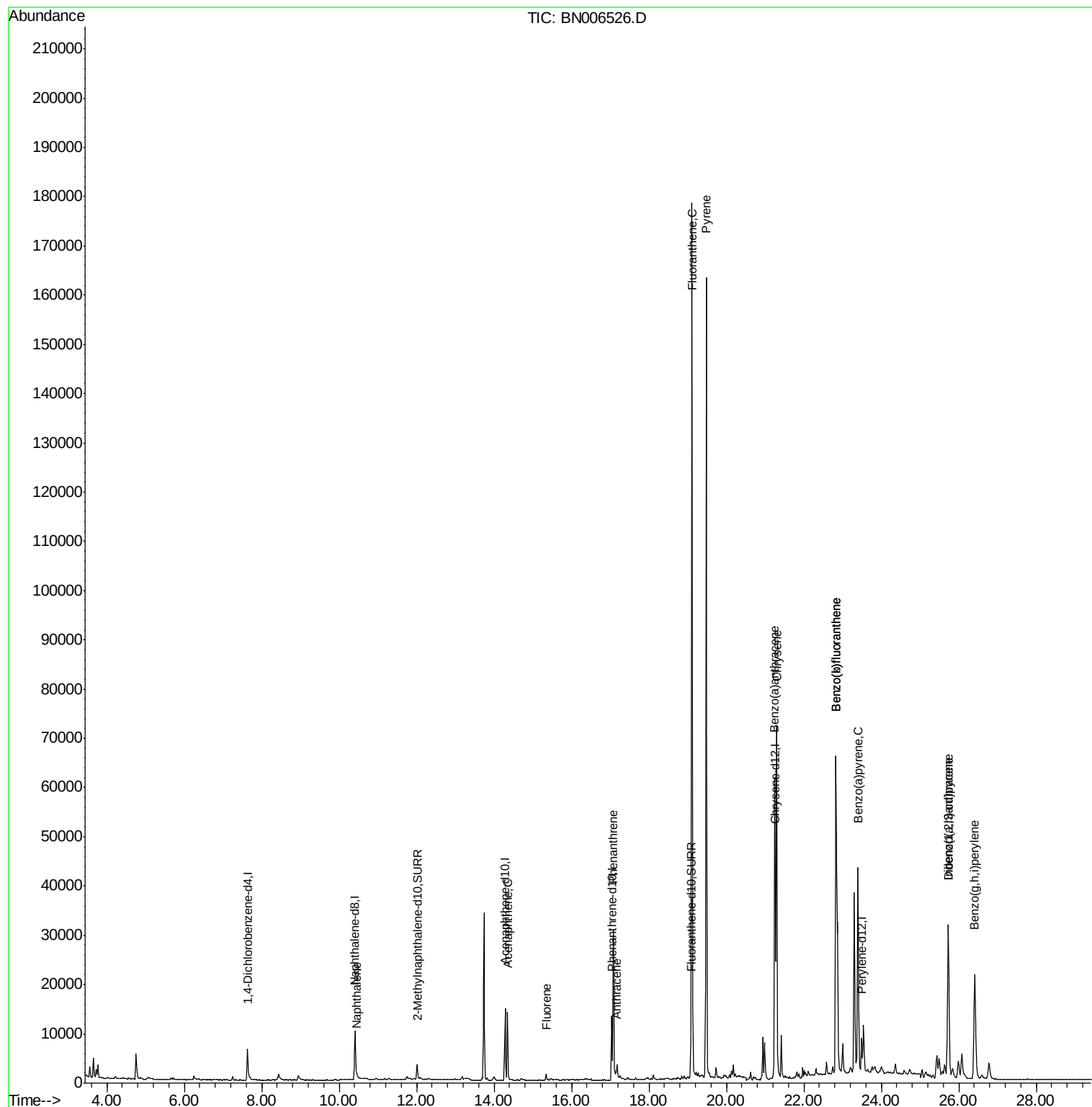
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4264	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16194	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8289	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15809	0.40	ng/ul	-0.01
16) Chrysene-d12	21.26	240	9332	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	9822	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4989	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	9386	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	1048	0.023	ng/ul#	77
8) Acenaphthene	14.34	153	8048	0.252	ng/ul	99
9) Fluorene	15.34	166	899	0.024	ng/ul#	94
12) Phenanthrene	17.08	178	34929	0.688	ng/ul	99
13) Anthracene	17.17	178	3141	0.065	ng/ul#	91
15) Fluoranthene	19.11	202	152784	2.727	ng/ul	100
17) Pyrene	19.48	202	137366	2.795	ng/ul	97
18) Benzo(a)anthracene	21.24	228	51387	1.245	ng/ul	100
19) Chrysene	21.30	228	74999	1.936	ng/ul	100
21) Benzo(b)fluoranthene	22.83	252	137762	3.364	ng/ul	90
22) Benzo(k)fluoranthene	22.83	252	137762	3.453	ng/ul#	92
23) Benzo(a)pyrene	23.40	252	58131	1.524	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	48369	1.172	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	10841	0.328	ng/ul	98
26) Benzo(g,h,i)perylene	26.41	276	42933	1.242	ng/ul	95

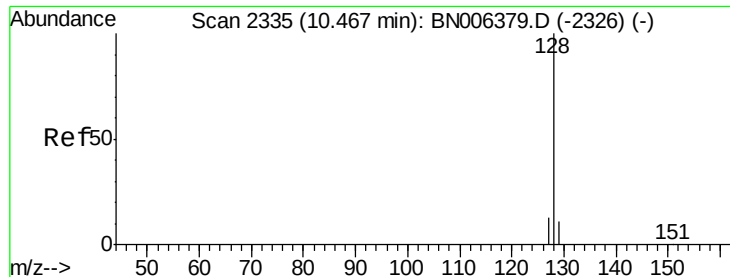
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_N

ClientSampleId :

A4202MS

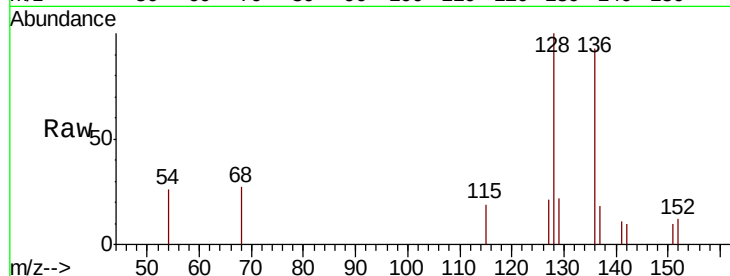
Tgt Ion:128 Resp: 1048

Ion Ratio Lower Upper

128 100

129 21.7 9.3 13.9#

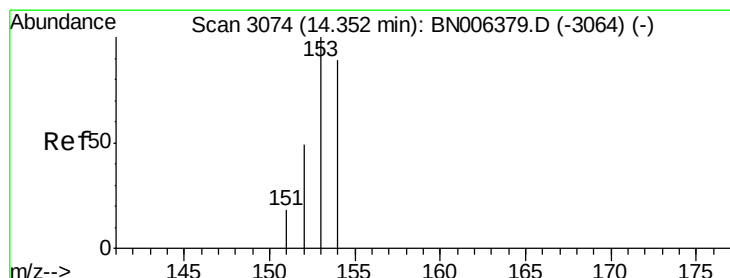
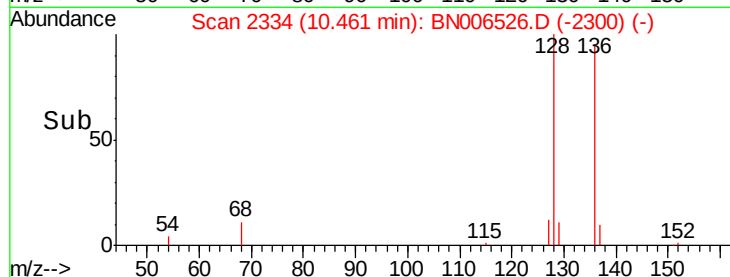
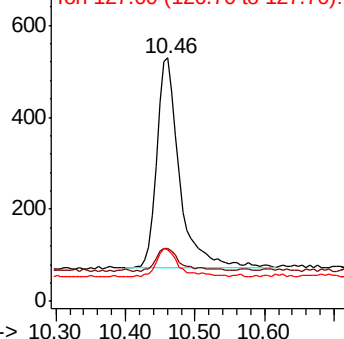
127 21.4 10.7 16.1#



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



#8

Acenaphthene

Concen: 0.252 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

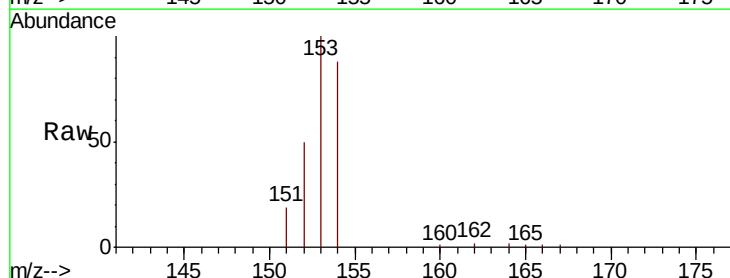
Tgt Ion:153 Resp: 8048

Ion Ratio Lower Upper

153 100

152 50.2 39.1 58.7

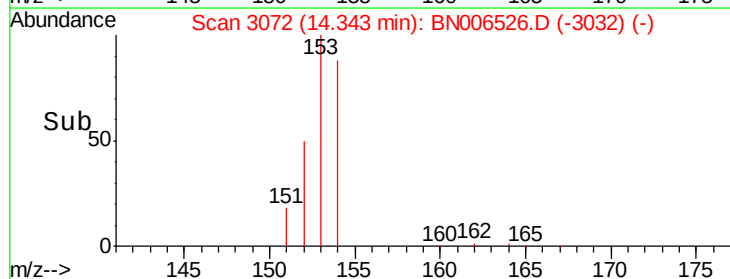
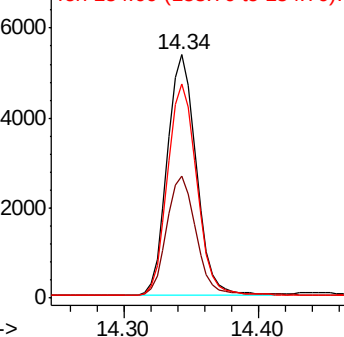
154 87.8 71.1 106.7

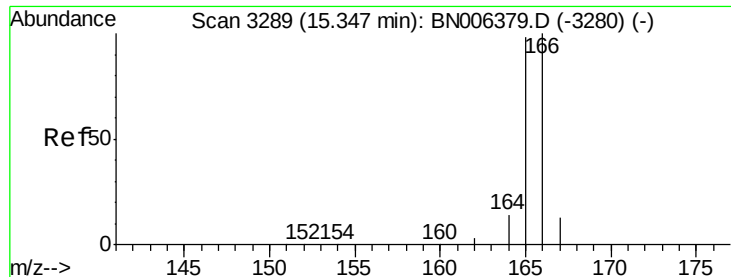


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

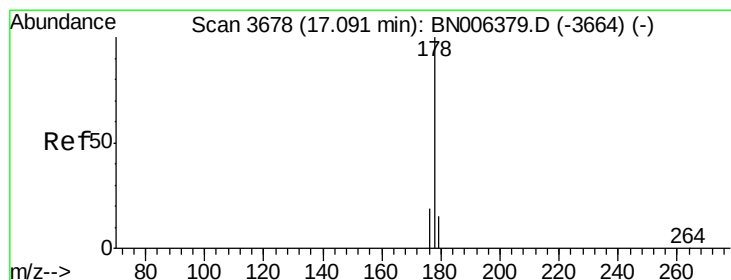
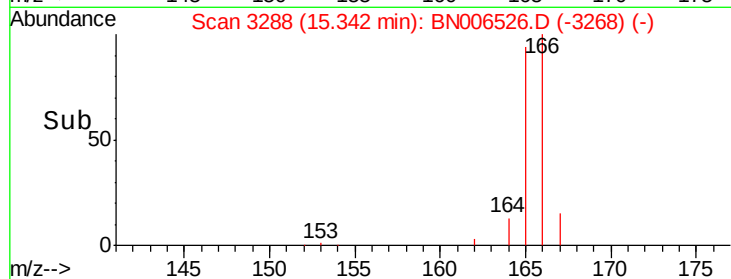
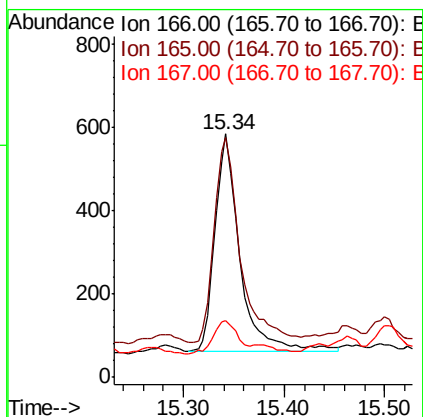
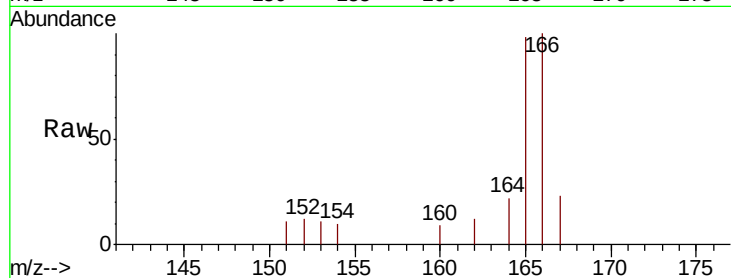




#9
Fluorene
 Concen: 0.024 ng/ul
 RT: 15.34 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BN006526.D
 Acq: 24 Jun 2019 12:05

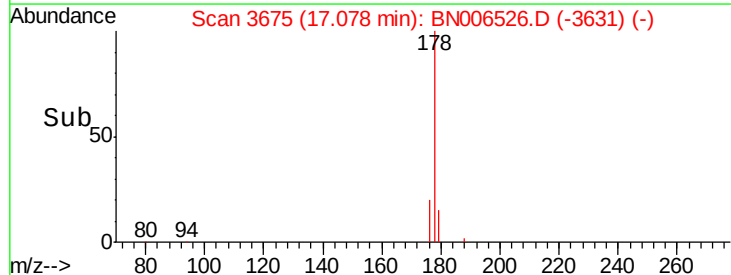
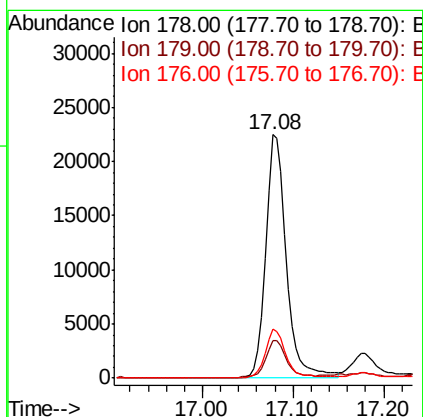
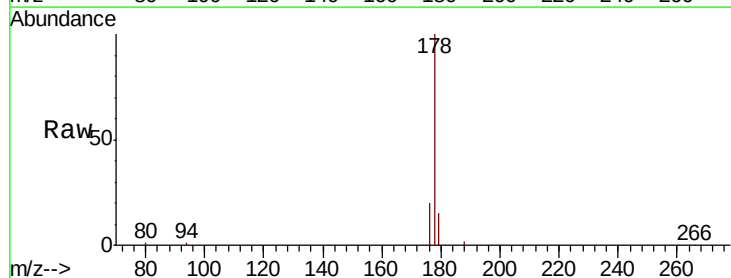
Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

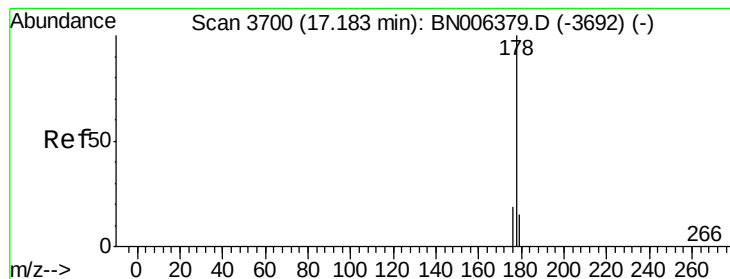
Tgt Ion:166 Resp: 899
 Ion Ratio Lower Upper
 166 100
 165 98.5 76.4 114.6
 167 23.5 11.0 16.6#



#12
Phenanthrene
 Concen: 0.688 ng/ul
 RT: 17.08 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BN006526.D
 Acq: 24 Jun 2019 12:05

Tgt Ion:178 Resp: 34929
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 20.0 15.3 22.9





#13

Anthracene

Concen: 0.065 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_N

ClientSampleId :

A4202MS

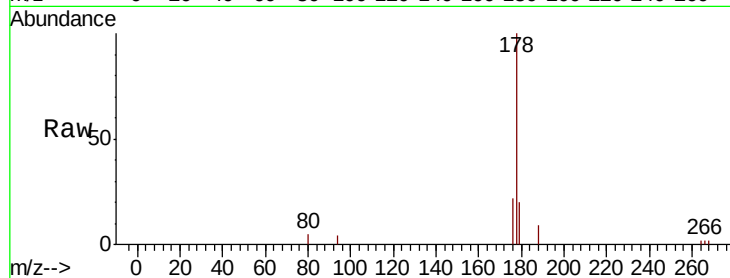
Tgt Ion:178 Resp: 3141

Ion Ratio Lower Upper

178 100

179 20.1 12.2 18.4#

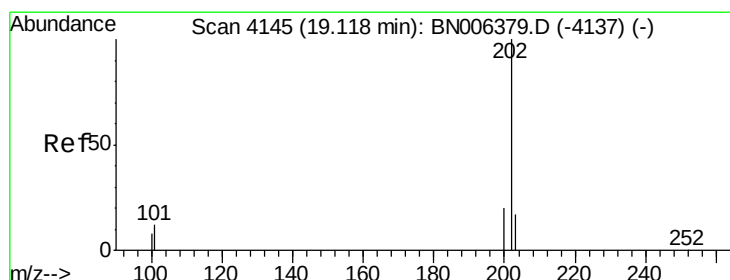
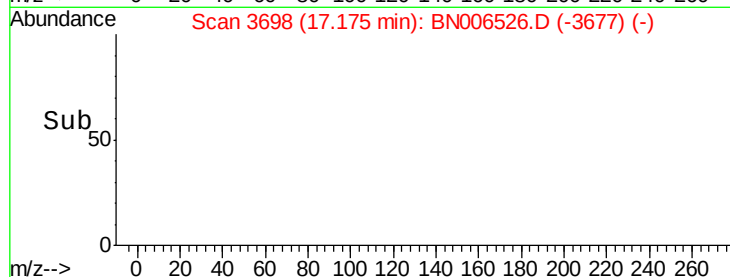
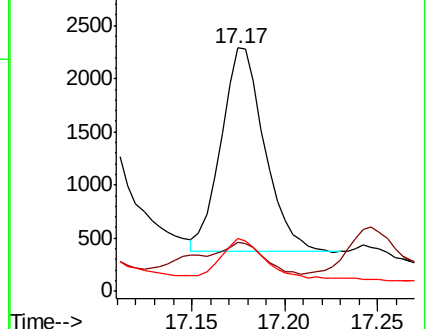
176 21.8 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 2.727 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

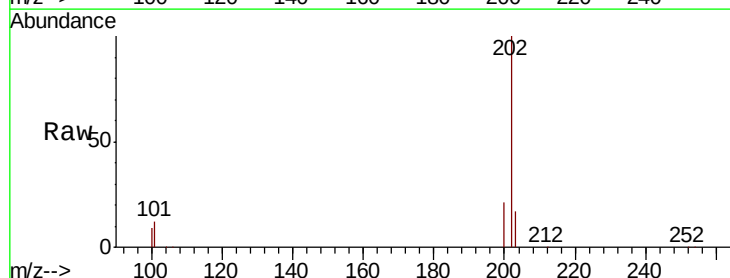
Tgt Ion:202 Resp: 152784

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.1

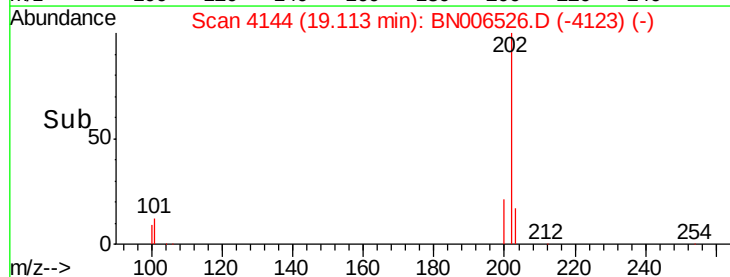
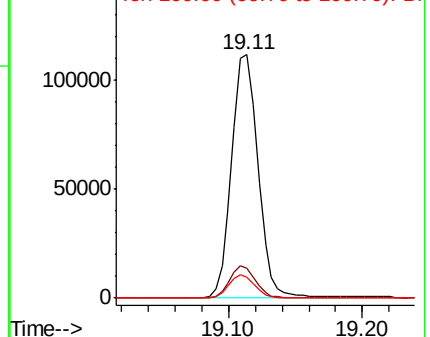
100 8.7 0.0 28.7

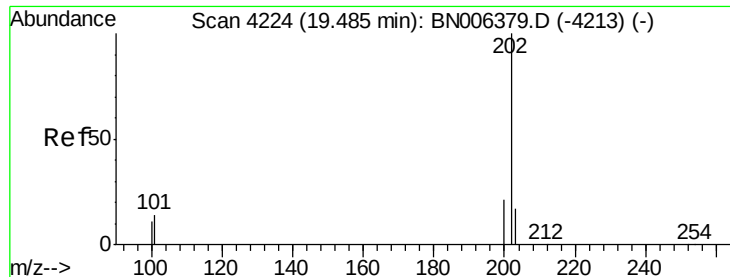


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 2.795 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_N

ClientSampleId :

A4202MS

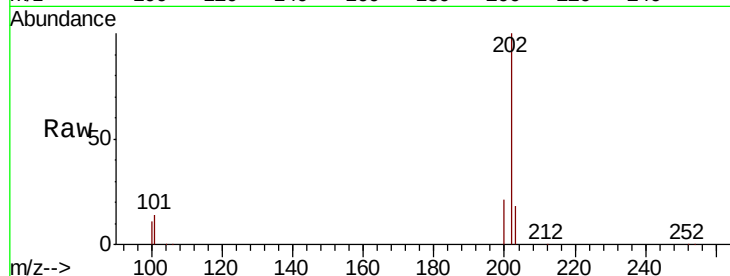
Tgt Ion:202 Resp: 137366

Ion Ratio Lower Upper

202 100

101 13.9 12.2 18.2

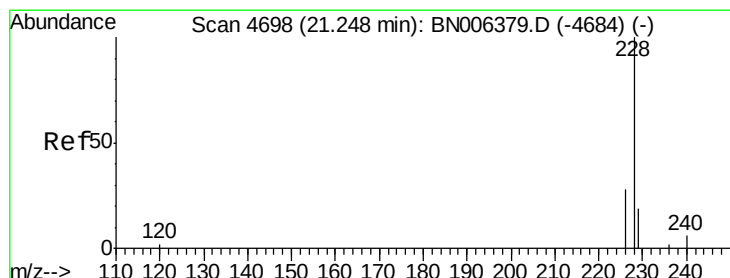
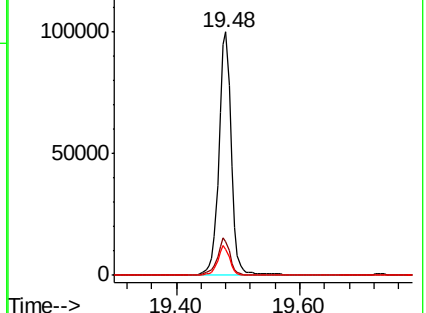
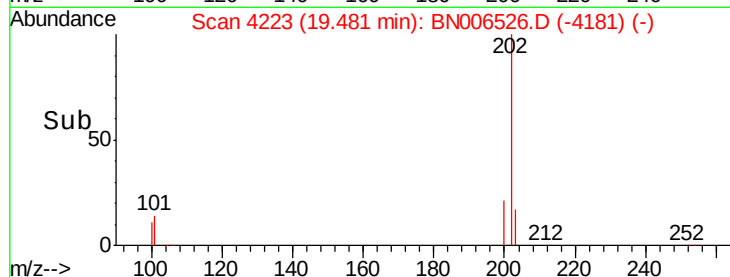
100 10.8 9.8 14.6



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: 1.245 ng/ul

RT: 21.24 min Scan# 4697

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

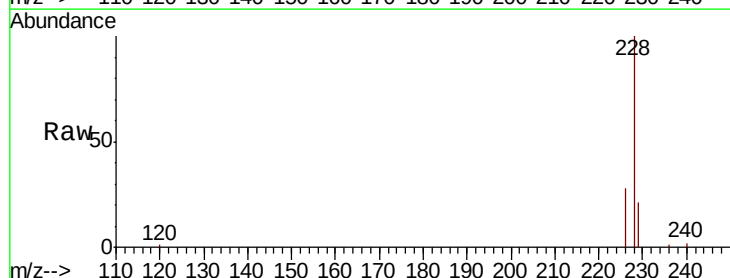
Tgt Ion:228 Resp: 51387

Ion Ratio Lower Upper

228 100

229 20.6 16.5 24.7

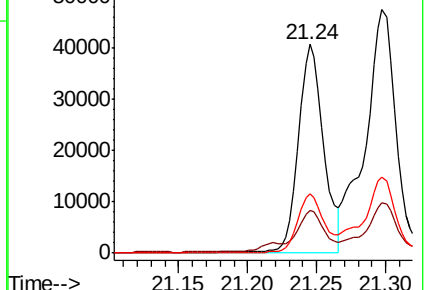
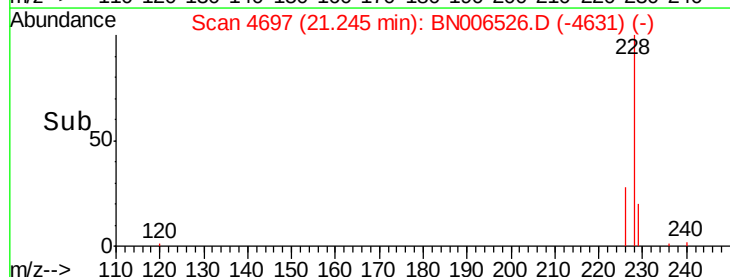
226 28.5 22.8 34.2

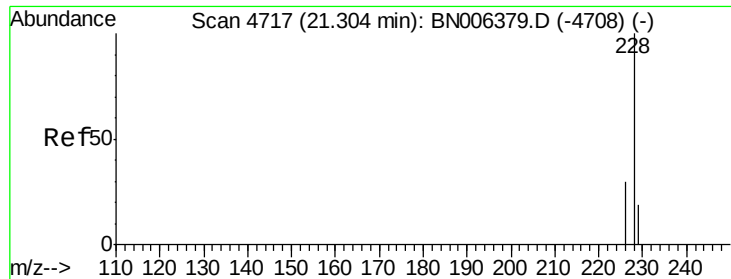


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.936 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_N

ClientSampleId :

A4202MS

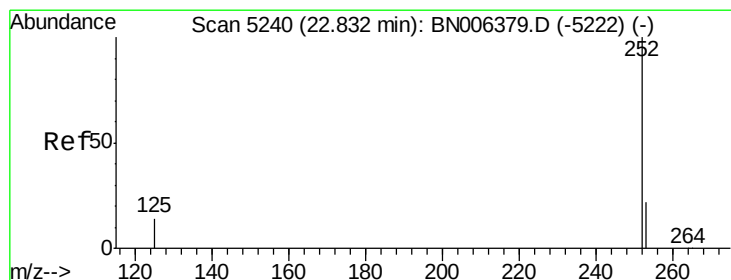
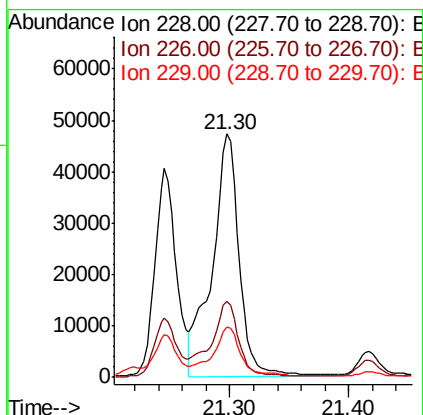
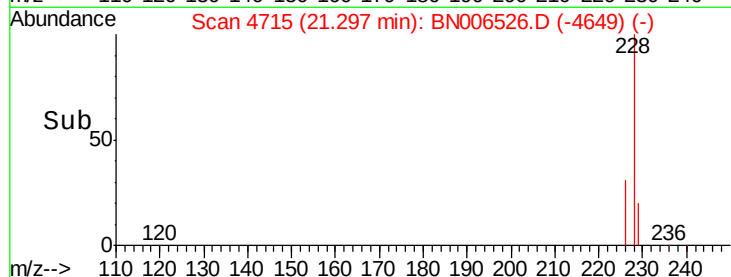
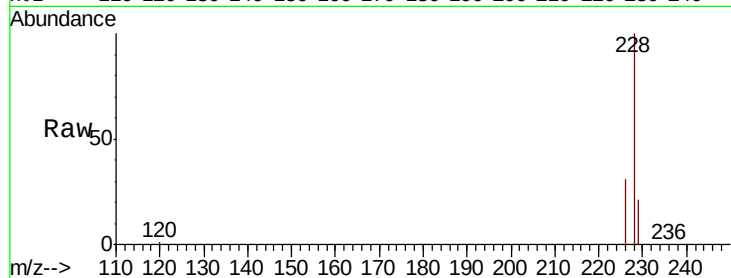
Tgt Ion:228 Resp: 74999

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.6 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 3.364 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

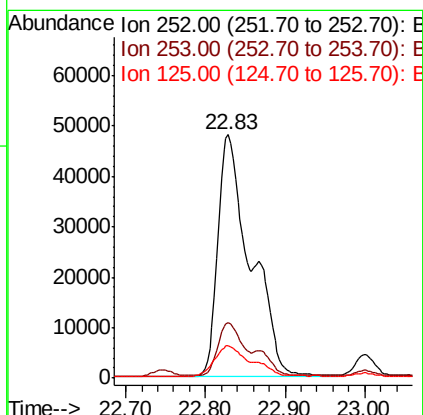
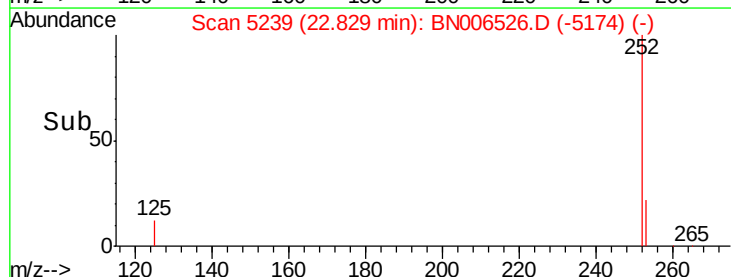
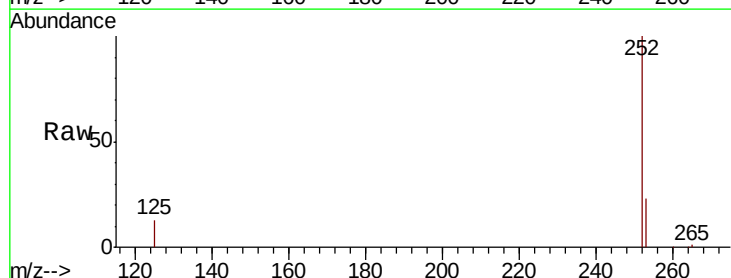
Tgt Ion:252 Resp: 137762

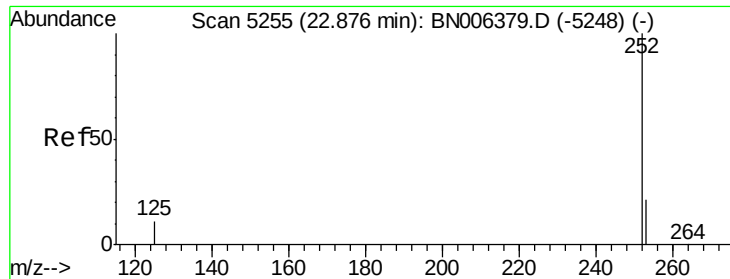
Ion Ratio Lower Upper

252 100

253 22.8 0.0 51.4

125 13.1 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 3.453 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.05 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_N

ClientSampleId :

A4202MS

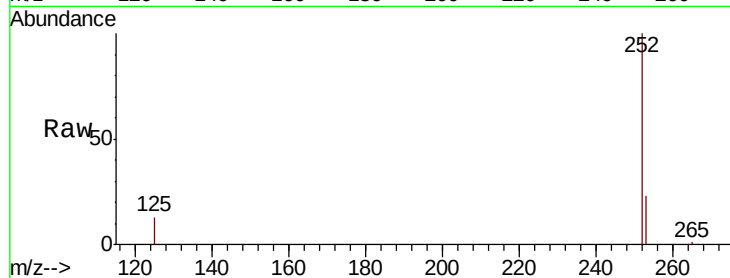
Tgt Ion:252 Resp: 137762

Ion Ratio Lower Upper

252 100

253 22.8 20.3 30.5

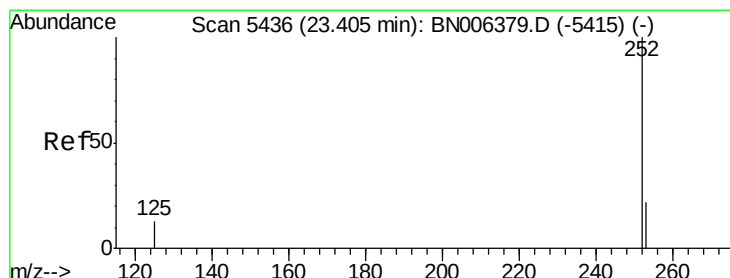
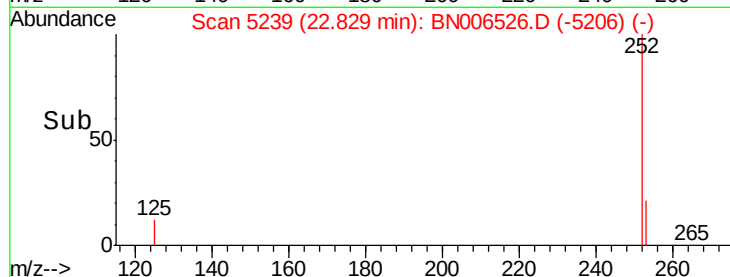
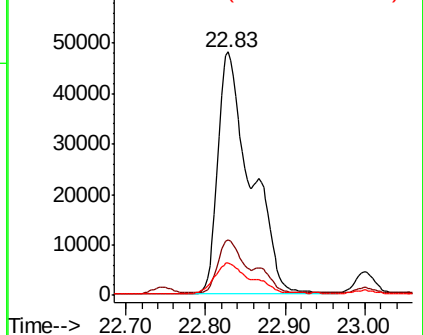
125 13.1 14.3 21.5#



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: 1.524 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. -0.01 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

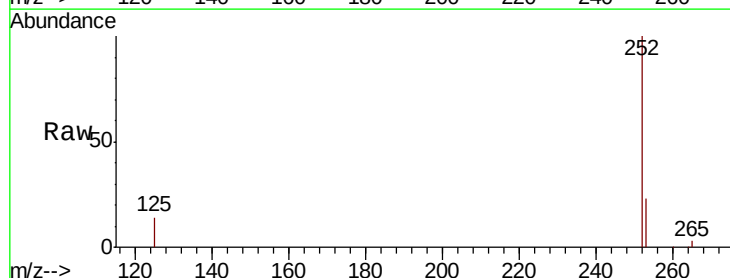
Tgt Ion:252 Resp: 58131

Ion Ratio Lower Upper

252 100

253 23.2 21.1 31.7

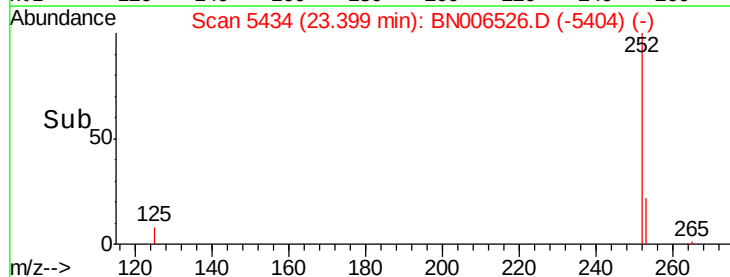
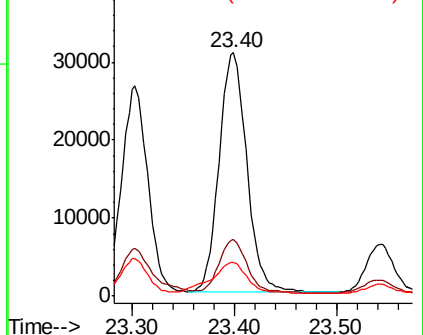
125 13.9 20.3 30.5#

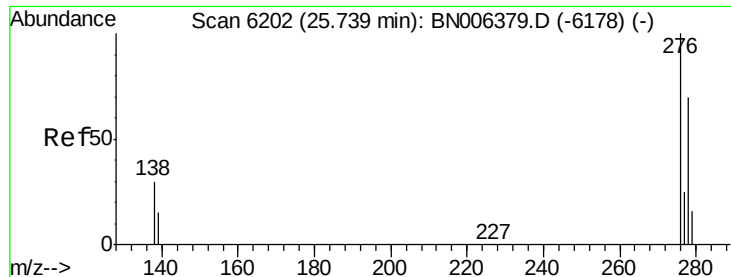


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



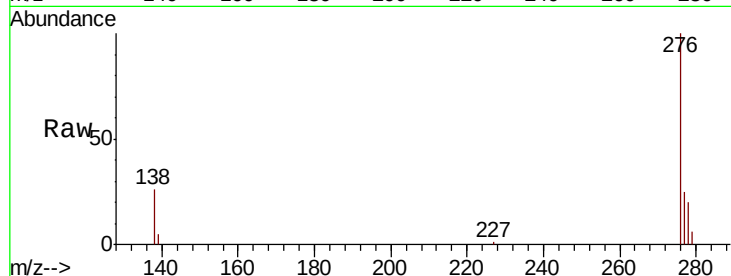


#24

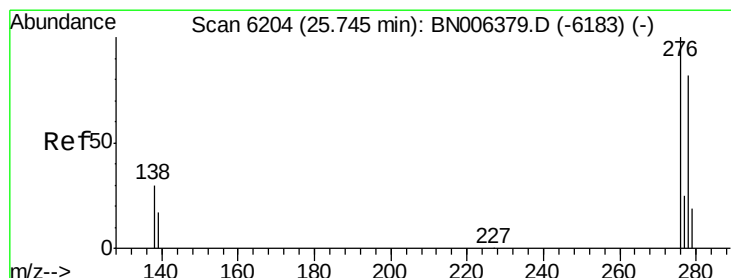
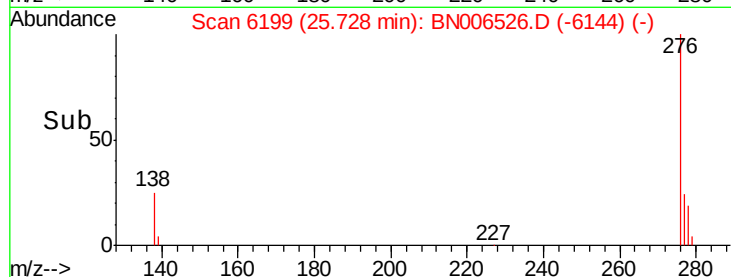
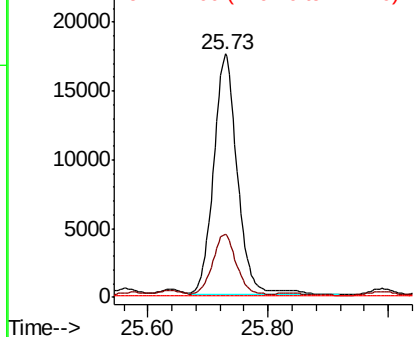
Indeno(1,2,3-cd)pyrene
Concen: 1.172 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.02 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Instrument :
BNA_N
ClientSampleId :
A4202MS

Tgt Ion: 276 Resp: 48369
Ion Ratio Lower Upper
276 100
138 24.8 25.6 38.4#
227 0.1 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

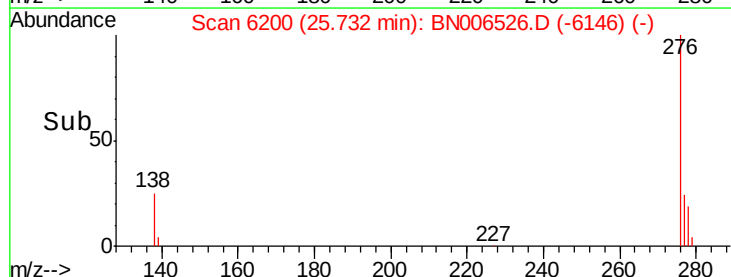
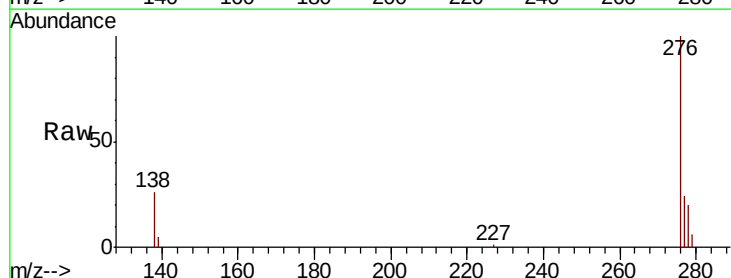
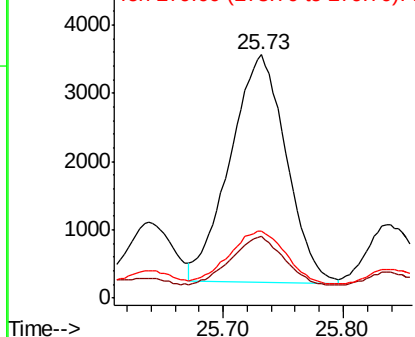


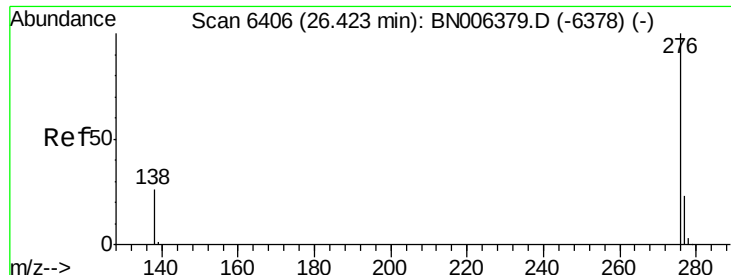
#25

Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.02 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion: 278 Resp: 10841
Ion Ratio Lower Upper
278 100
139 25.4 21.2 31.8
279 27.3 22.6 33.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 1.242 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. -0.02 min

Lab File: BN006526.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_N

ClientSampleId :

A4202MS

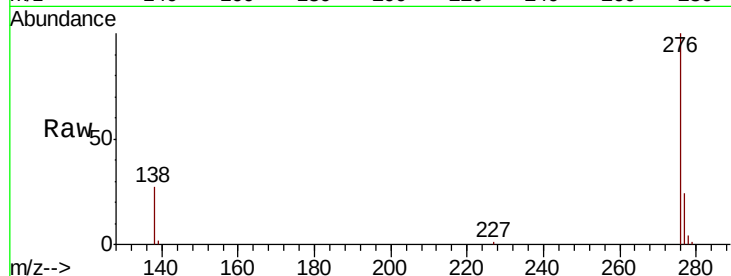
Tgt Ion: 276 Resp: 42933

Ion Ratio Lower Upper

276 100

138 27.3 24.2 36.4

277 24.5 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

