

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006158.D
 Acq On : 07 Jun 2019 05:14
 Operator : JU/SJ
 Sample : K3016-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D8

Quant Time: Jun 07 06:39:52 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

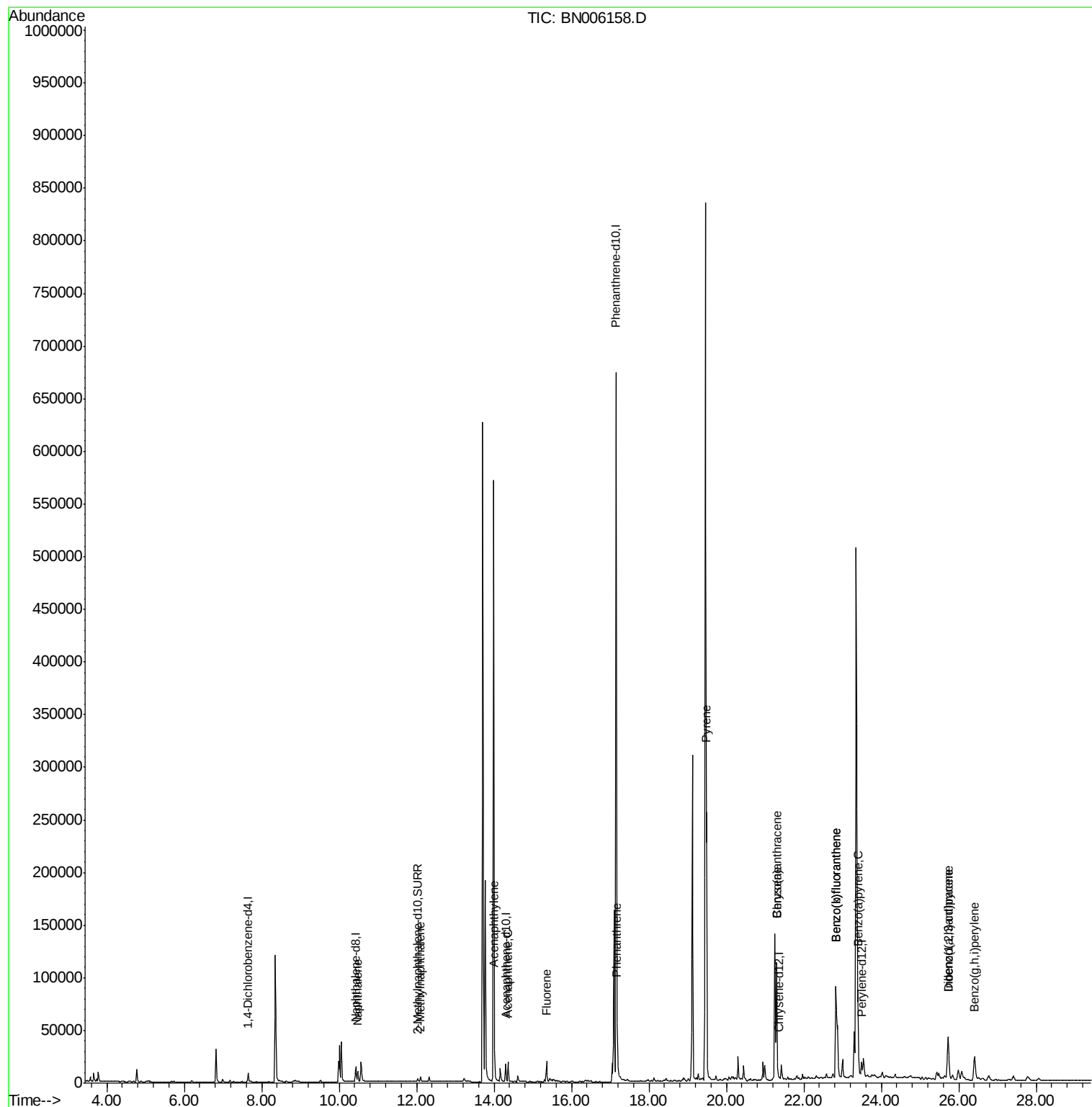
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4986	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9620	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	723497	0.40	ng/ul	0.10
16) Chrysene-d12	21.35	240	49	0.40	ng/ul	0.09
20) Perylene-d12	23.49	264	24276	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4645	0.16	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Qvalue	
3) Naphthalene	10.48	128	13410	0.258	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	3841	0.106	ng/ul	99
7) Acenaphthylene	14.02	152	8340	0.156	ng/ul#	87
8) Acenaphthene	14.36	153	10579	0.285	ng/ul	100
9) Fluorene	15.36	166	13278	0.306	ng/ul	99
12) Phenanthrene	17.18	178	48617	0.021	ng/ul	99
17) Pyrene	19.48	202	215947	836.667	ng/ul	98
18) Benzo(a)anthracene	21.30	228	115562	533.232	ng/ul	96
19) Chrysene	21.30	228	116097	570.638	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	195637	1.933	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	195637	1.984	ng/ul	97
23) Benzo(a)pyrene	23.40	252	93837	0.995	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.73	276	65696	0.644	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.73	278	17271	0.212	ng/ul#	91
26) Benzo(g,h,i)perylene	26.41	276	47382	0.554	ng/ul	97

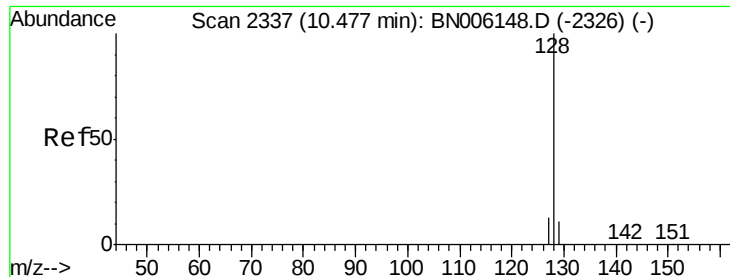
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.258 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

ClientSampleId :

A51D8

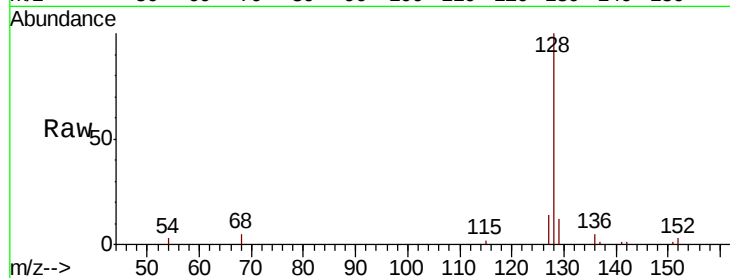
Tgt Ion:128 Resp: 13410

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

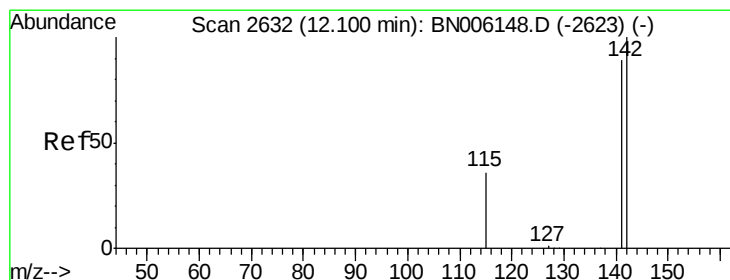
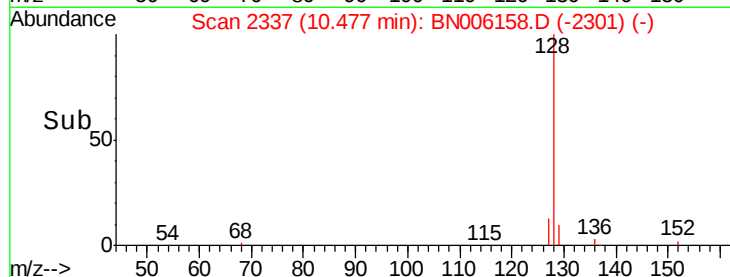
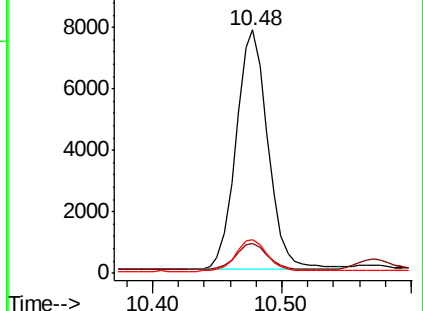
127 13.8 10.7 16.1



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: 0.106 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006158.D

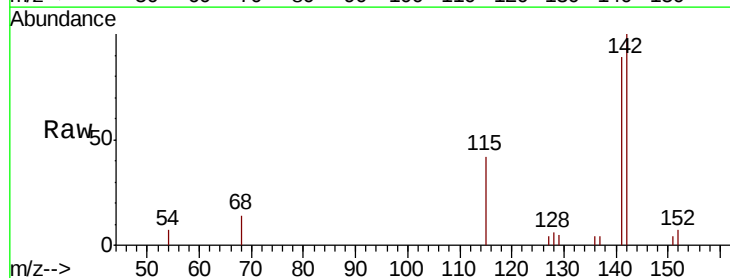
Acq: 07 Jun 2019 05:14

Tgt Ion:142 Resp: 3841

Ion Ratio Lower Upper

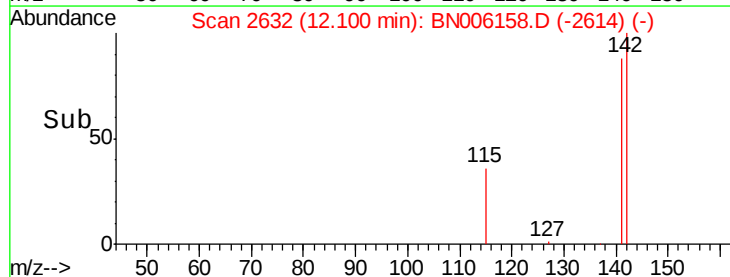
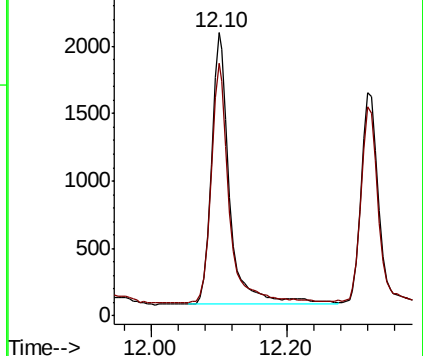
142 100

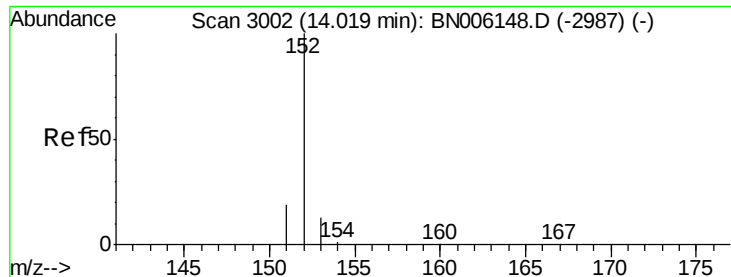
141 89.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

ClientSampleId :

A51D8

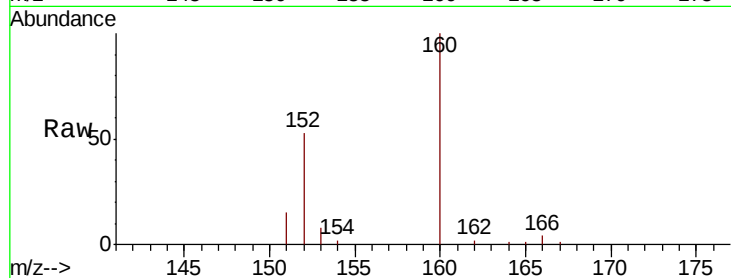
Tgt Ion:152 Resp: 8340

Ion Ratio Lower Upper

152 100

151 28.9 15.8 23.8#

153 15.1 10.8 16.2

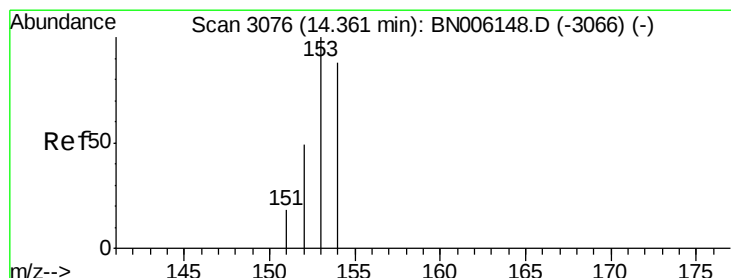
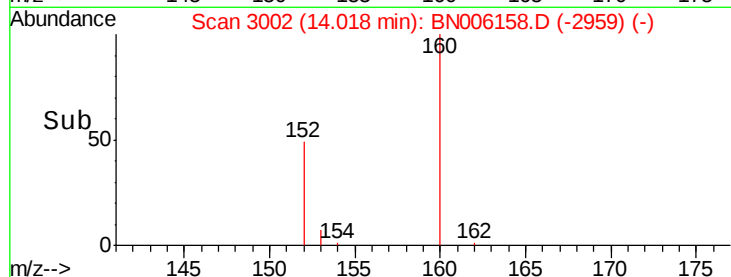
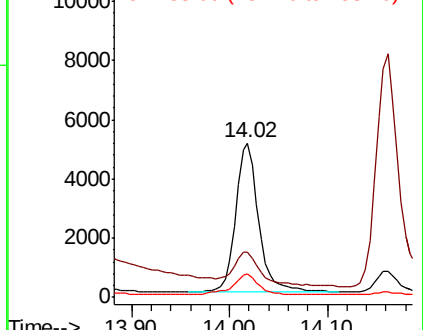


Abundance

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: 0.285 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

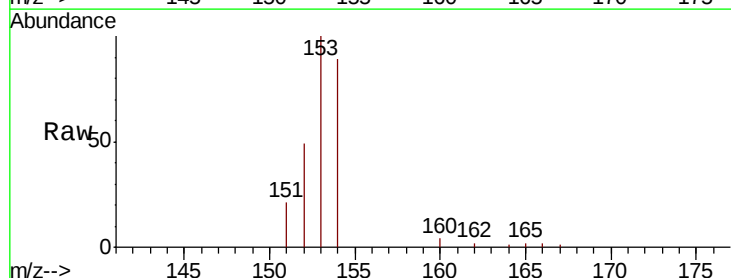
Tgt Ion:153 Resp: 10579

Ion Ratio Lower Upper

153 100

152 49.1 39.1 58.7

154 88.7 71.1 106.7

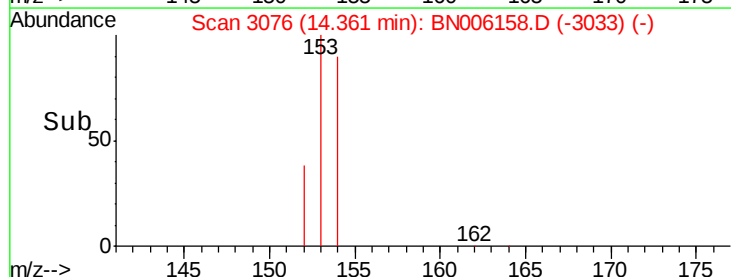
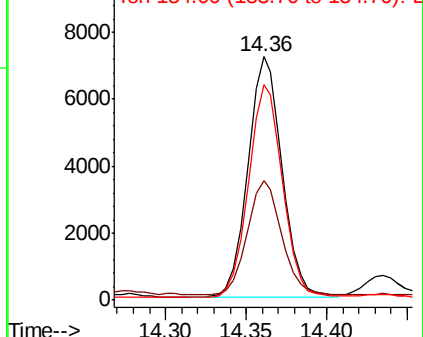


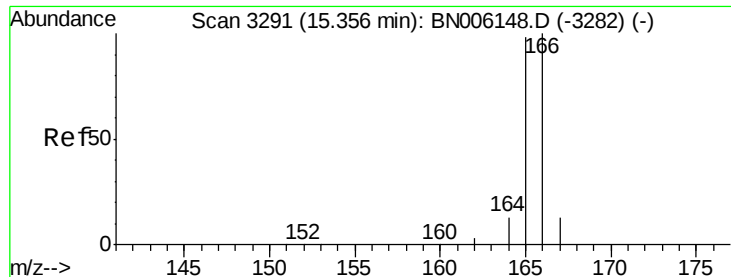
Abundance

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

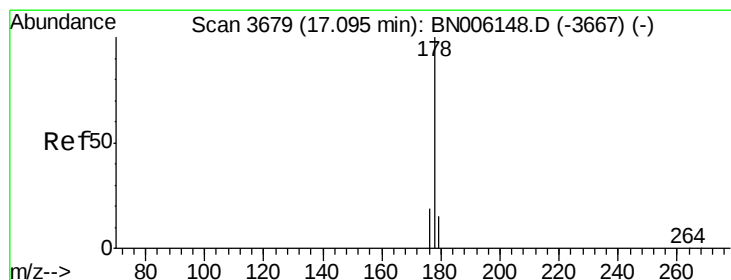
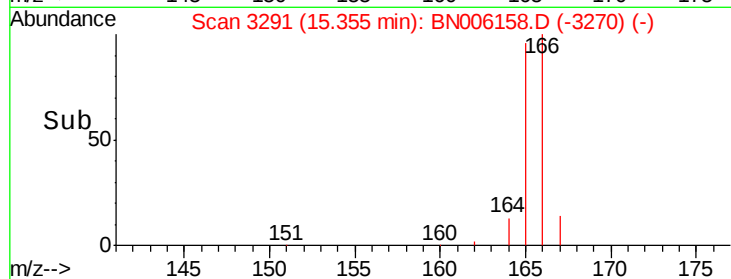
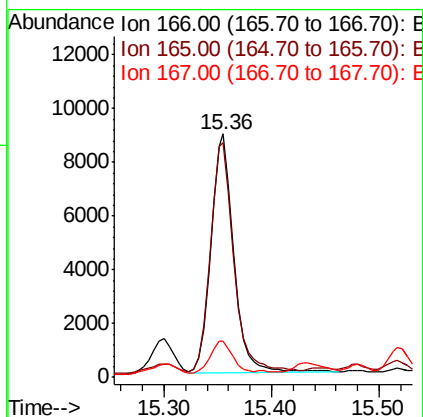
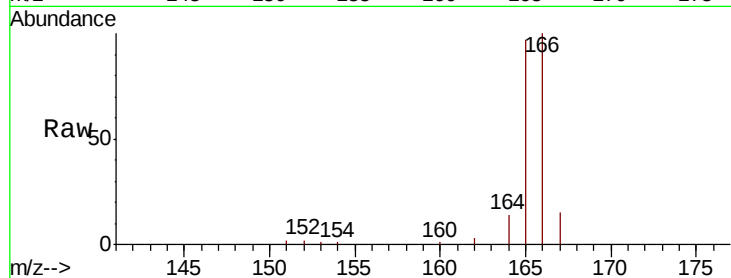




#9
Fluorene
 Concen: 0.306 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN006158.D
 Acq: 07 Jun 2019 05:14

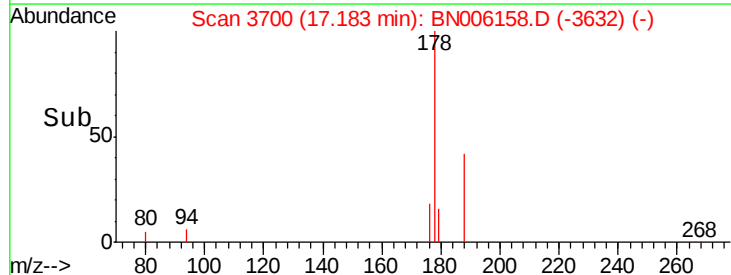
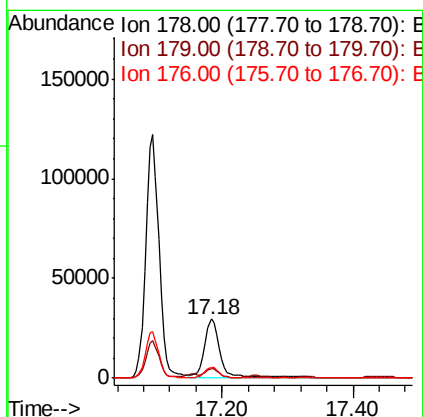
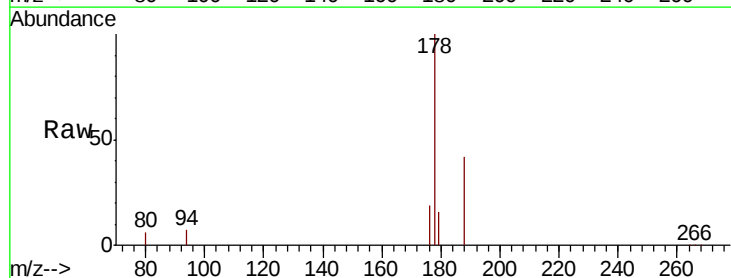
Instrument :
 BNA_N
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 A51D8

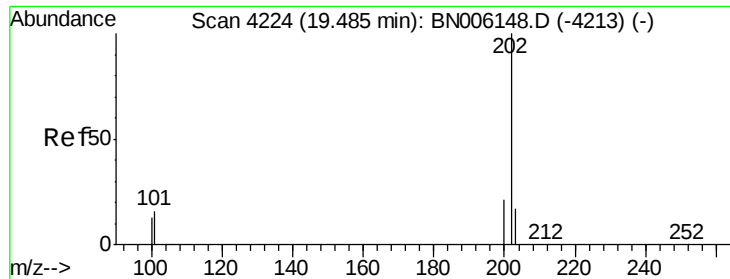
Tgt Ion:166 Resp: 13278
 Ion Ratio Lower Upper
 166 100
 165 96.6 76.4 114.6
 167 14.9 11.0 16.6



#12
Phenanthrene
 Concen: 0.021 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. 0.09 min
 Lab File: BN006158.D
 Acq: 07 Jun 2019 05:14

Tgt Ion:178 Resp: 48617
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.3 18.5
 176 18.6 15.3 22.9

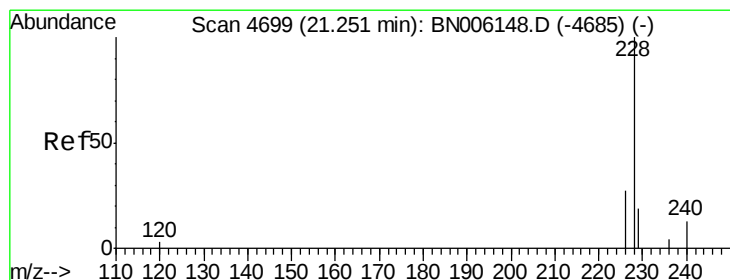
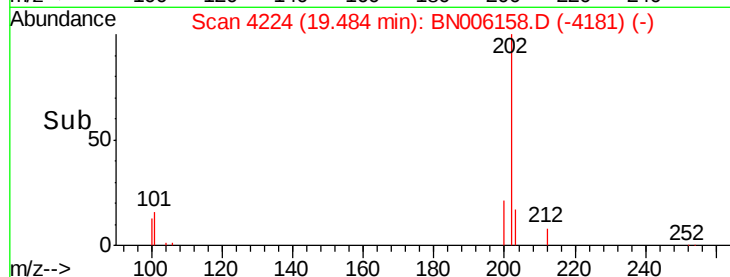
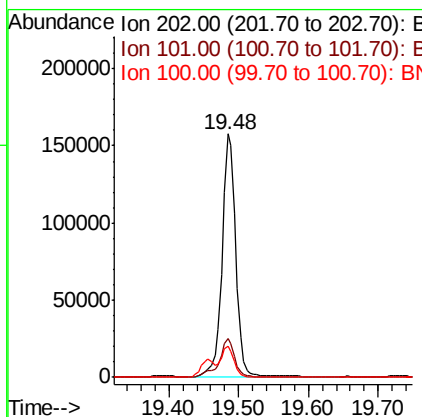
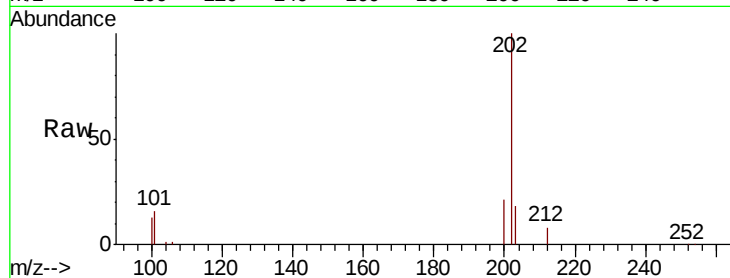




#17
Pyrene
Concen: 836.667 ng/ul
RT: 19.48 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

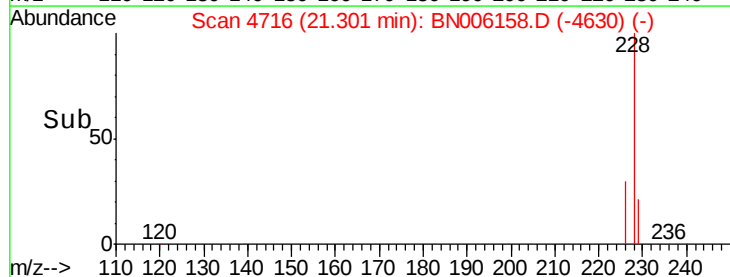
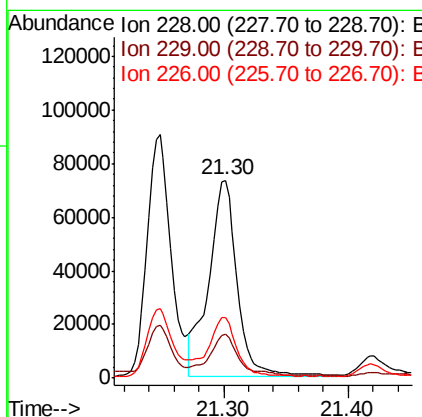
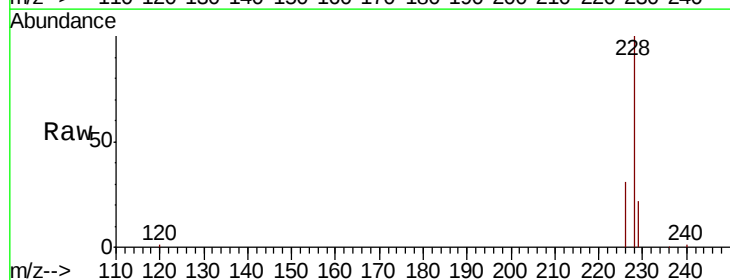
Instrument :
BNA_N
ClientSampleId :
A51D8

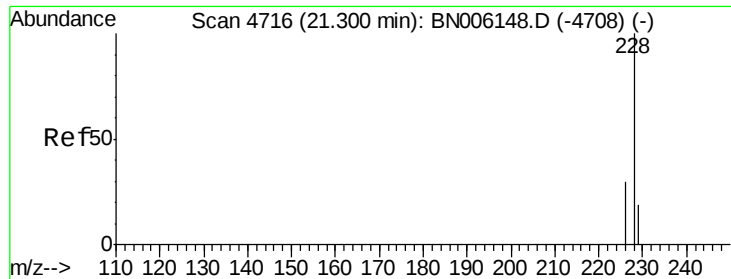
Tgt Ion:202 Resp: 215947
Ion Ratio Lower Upper
202 100
101 16.2 12.2 18.2
100 12.9 9.8 14.6



#18
Benzo(a)anthracene
Concen: 533.232 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. 0.05 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Tgt Ion:228 Resp: 115562
Ion Ratio Lower Upper
228 100
229 22.0 16.5 24.7
226 30.8 22.8 34.2





#19

Chrysene

Concen: 570.638 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

ClientSampleId :

A51D8

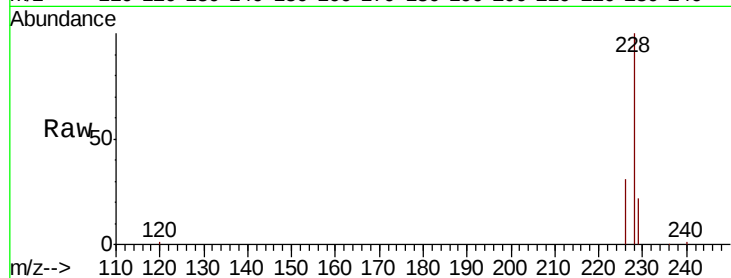
Tgt Ion:228 Resp: 116097

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 22.0 16.3 24.5

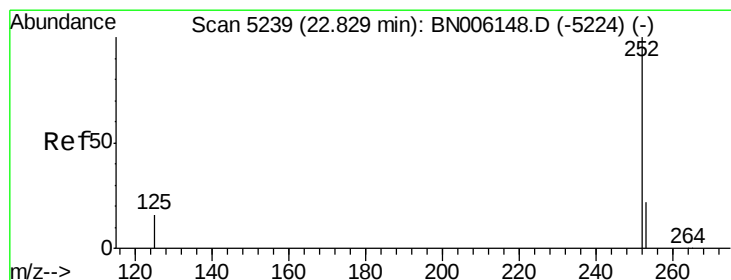
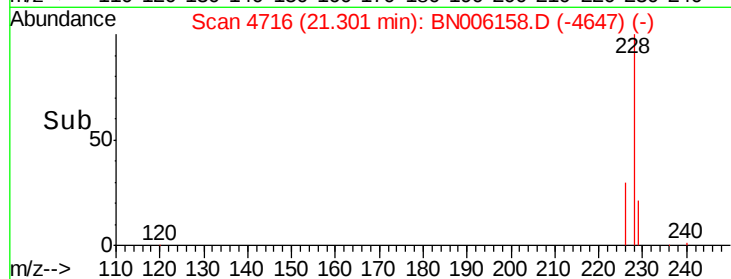
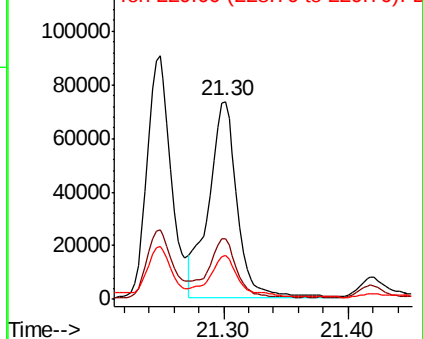


Abundance

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: 1.933 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

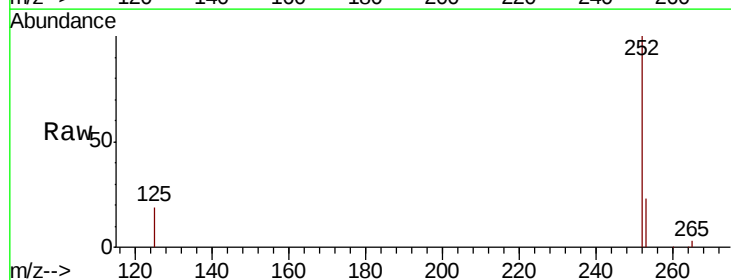
Tgt Ion:252 Resp: 195637

Ion Ratio Lower Upper

252 100

253 23.3 0.0 51.4

125 18.8 0.0 41.0

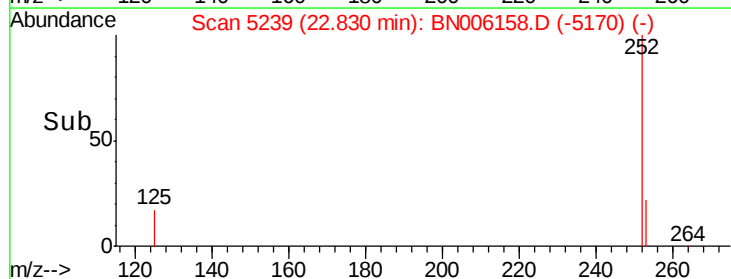
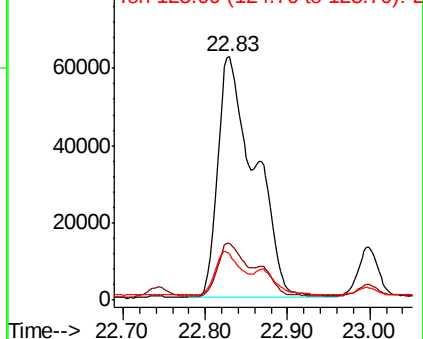


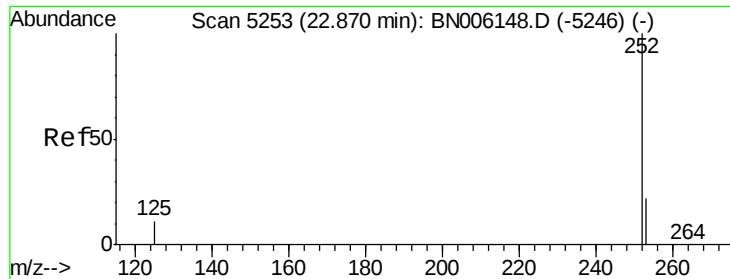
Abundance

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: 1.984 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

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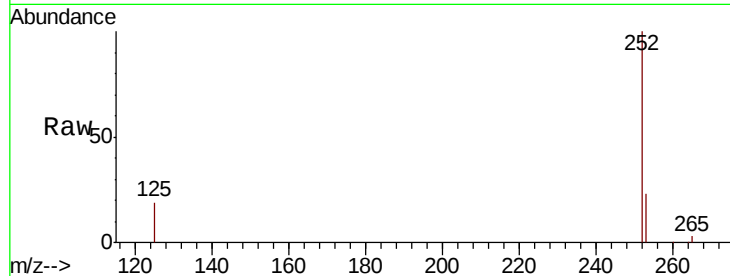
Tgt Ion:252 Resp: 195637

Ion Ratio Lower Upper

252 100

253 23.3 20.3 30.5

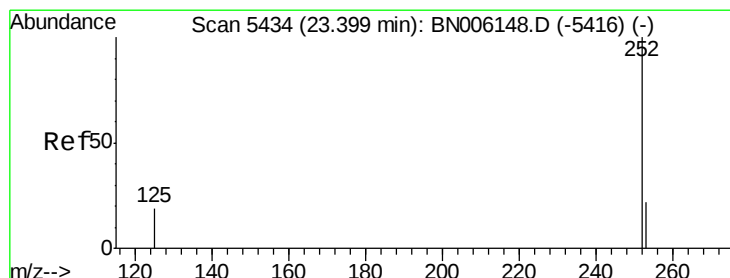
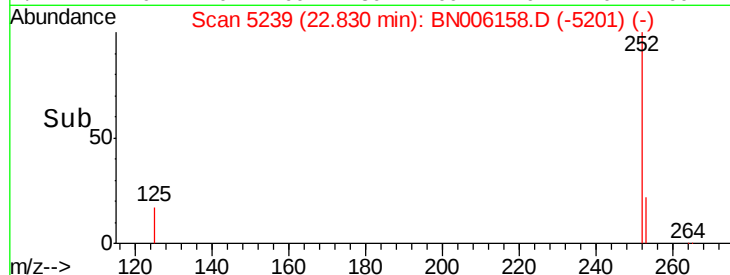
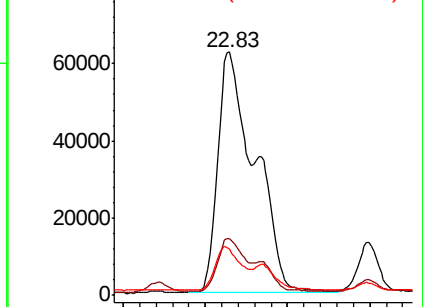
125 18.8 14.3 21.5



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: 0.995 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

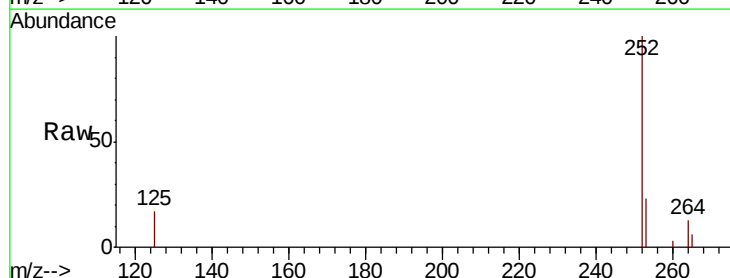
Tgt Ion:252 Resp: 93837

Ion Ratio Lower Upper

252 100

253 23.3 21.1 31.7

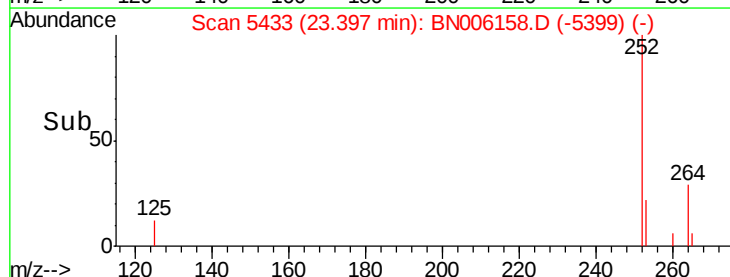
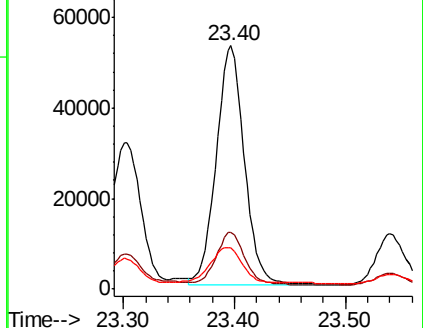
125 16.9 20.3 30.5#

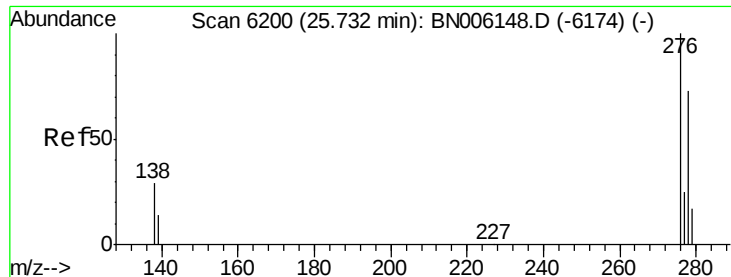


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



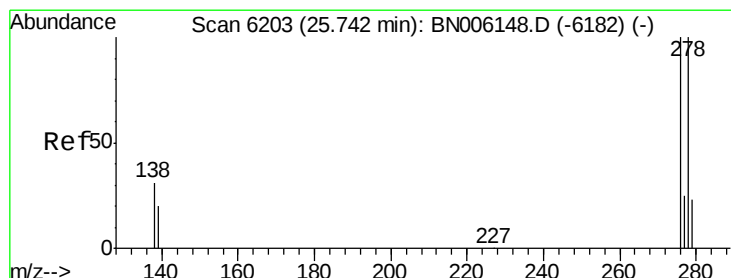
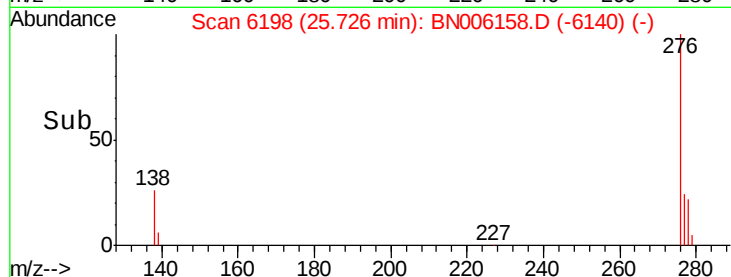
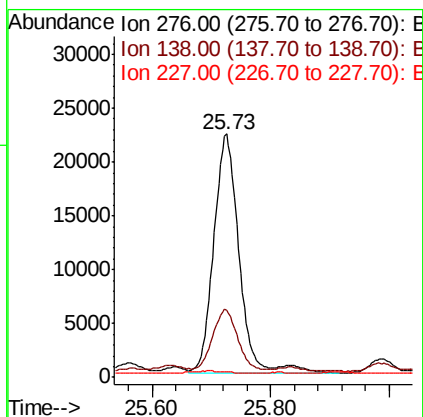
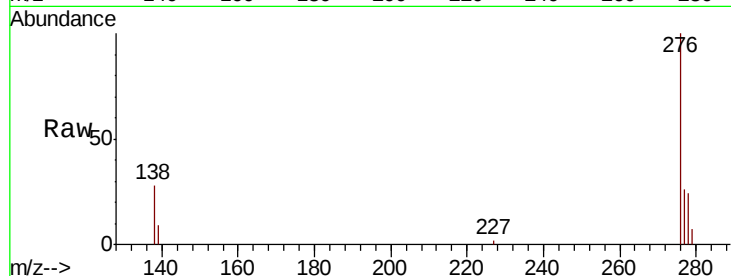


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.644 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Instrument :
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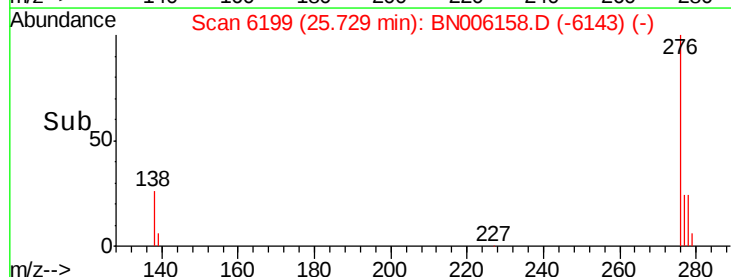
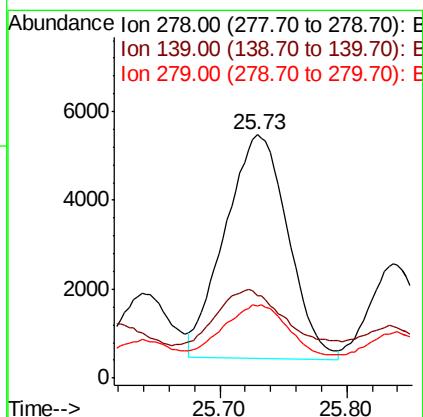
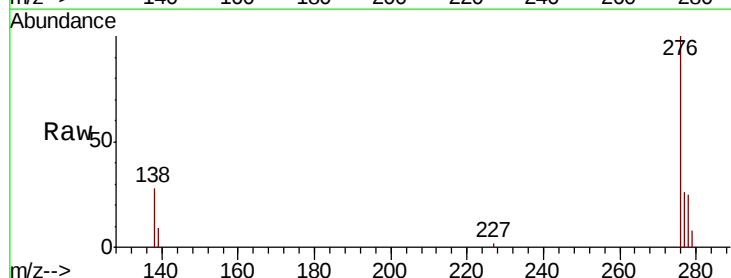
Tgt Ion: 276 Resp: 65696
Ion Ratio Lower Upper
276 100
138 25.3 25.6 38.4#
227 0.0 0.3 0.5#

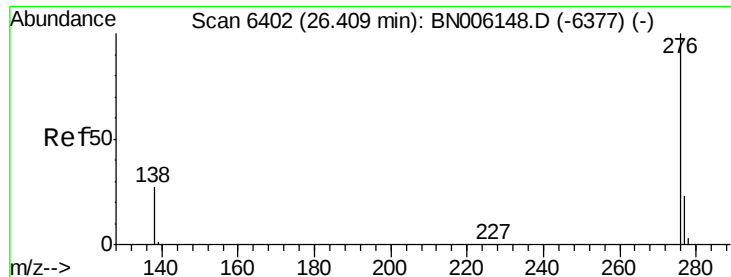


#25

Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Tgt Ion: 278 Resp: 17271
Ion Ratio Lower Upper
278 100
139 33.9 21.2 31.8#
279 29.7 22.6 33.8

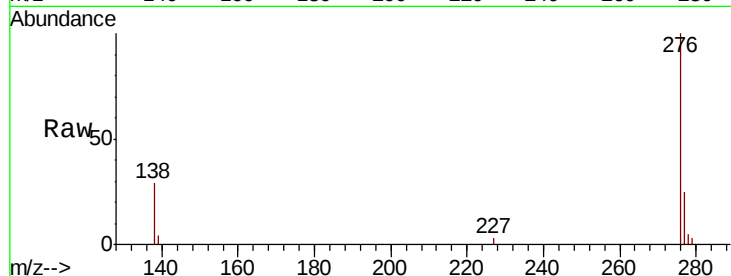




#26
 Benzo(g,h,i)perylene
 Concen: 0.554 ng/ul
 RT: 26.41 min Scan# 6401
 Delta R.T. -0.00 min
 Lab File: BN006158.D
 Acq: 07 Jun 2019 05:14

Instrument :
 BNA_N
 ClientSampleId :
 A51D8

Tgt Ion: 276 Resp: 47382
 Ion Ratio Lower Upper
 276 100
 138 28.6 24.2 36.4
 277 25.3 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

