

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006174.D
 Acq On : 07 Jun 2019 19:19
 Operator : JU/SJ
 Sample : K3201-10DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1DL

Quant Time: Jun 08 02:03:43 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	5142	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9679	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19826	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16703	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	21504	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1567	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3278	0.06	ng/ul	0.00

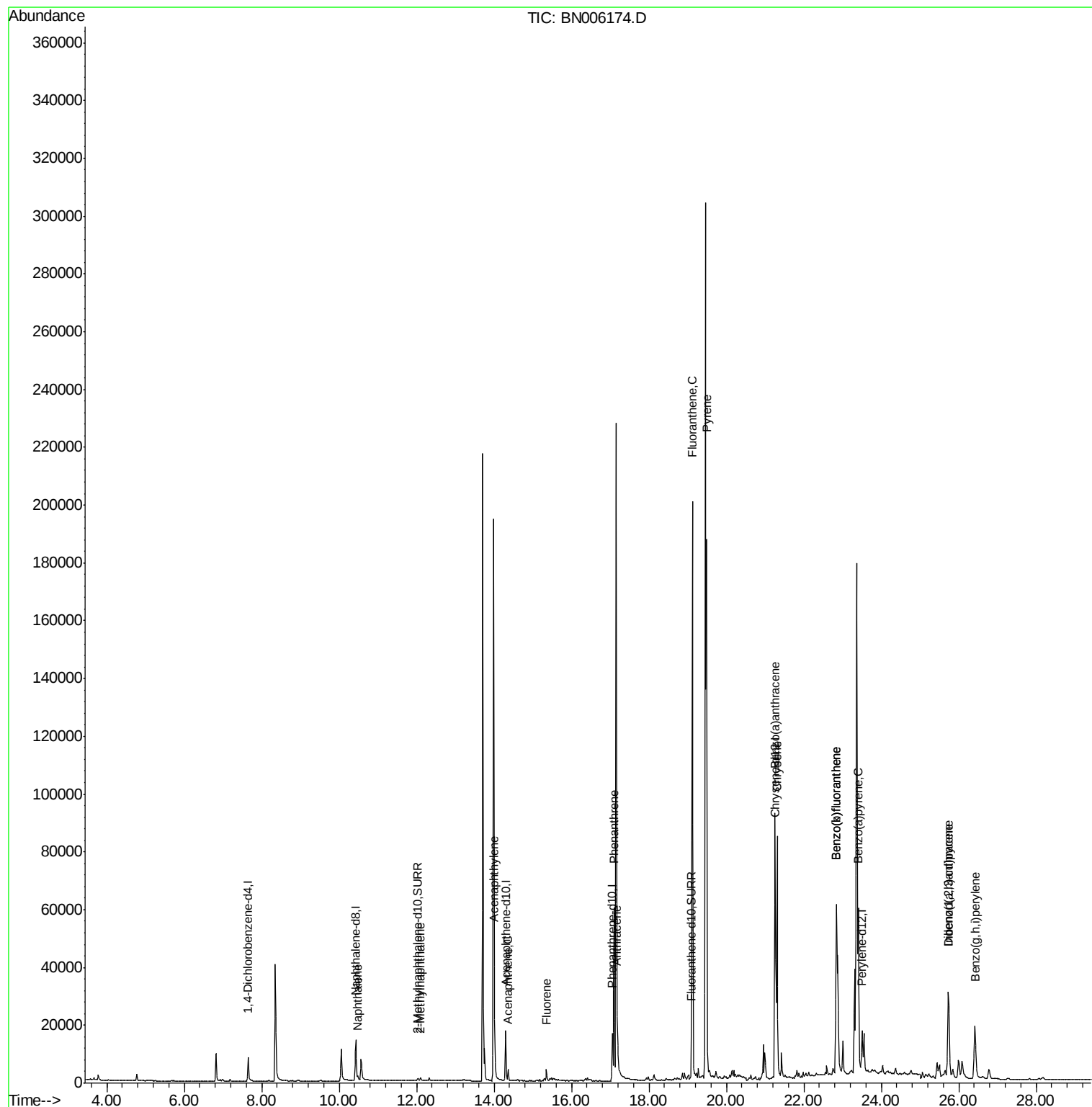
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	1791	0.033	ng/ul#	85
5) 2-Methylnaphthalene	12.10	142	804	0.021	ng/ul	99
7) Acenaphthylene	14.01	152	8231	0.153	ng/ul	98
8) Acenaphthene	14.36	153	2309	0.062	ng/ul	99
9) Fluorene	15.35	166	2626	0.060	ng/ul#	92
12) Phenanthrene	17.09	178	67255	1.057	ng/ul	100
13) Anthracene	17.18	178	14983	0.247	ng/ul	98
15) Fluoranthene	19.12	202	175105	2.492	ng/ul	99
17) Pyrene	19.49	202	169196	1.923	ng/ul	99
18) Benzo(a)anthracene	21.25	228	86783	1.175	ng/ul	100
19) Chrysene	21.31	228	81660	1.177	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	142617	1.591	ng/ul	93
22) Benzo(k)fluoranthene	22.84	252	142617	1.633	ng/ul	96
23) Benzo(a)pyrene	23.40	252	71265	0.853	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.73	276	48889	0.541	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.73	278	12254	0.170	ng/ul	99
26) Benzo(g,h,i)perylene	26.42	276	37845	0.500	ng/ul	96

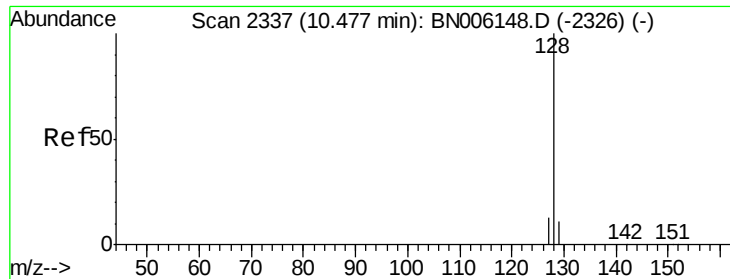
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

Instrument :

BNA_N

ClientSampleId :

C0AC1DL

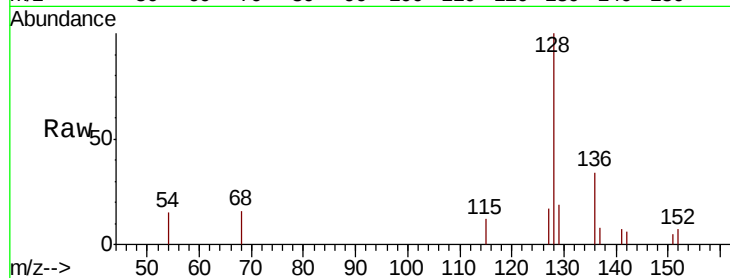
Tgt Ion:128 Resp: 1791

Ion Ratio Lower Upper

128 100

129 19.3 9.3 13.9#

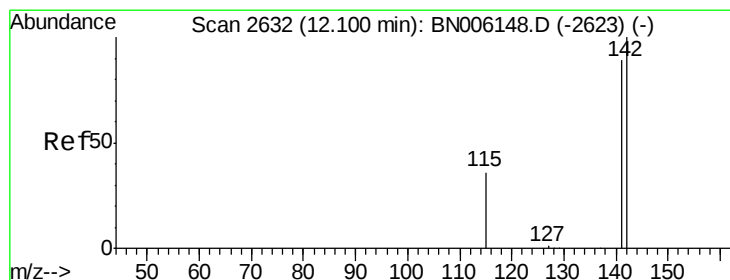
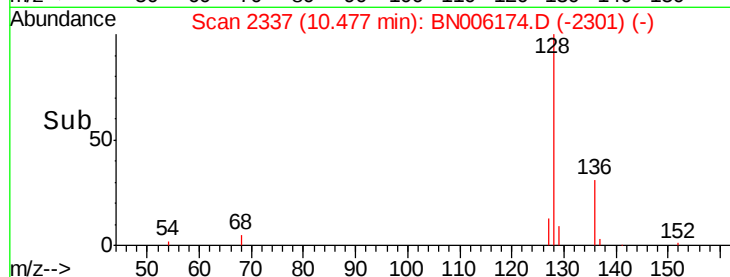
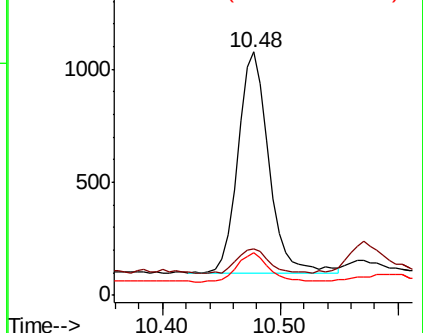
127 17.5 10.7 16.1#



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: 0.021 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006174.D

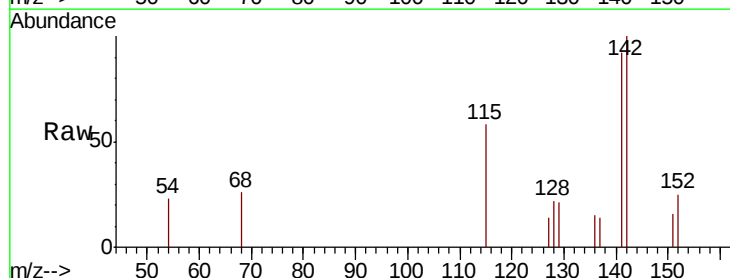
Acq: 07 Jun 2019 19:19

Tgt Ion:142 Resp: 804

Ion Ratio Lower Upper

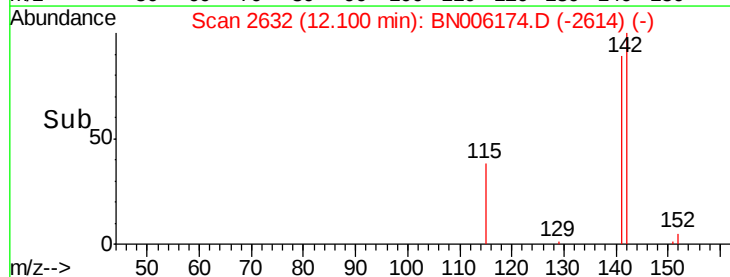
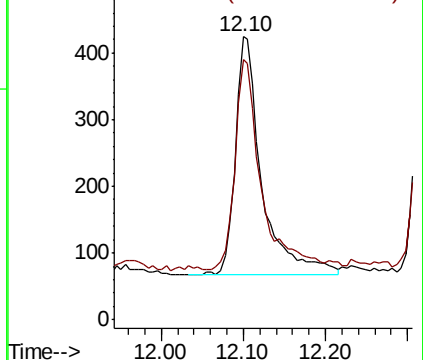
142 100

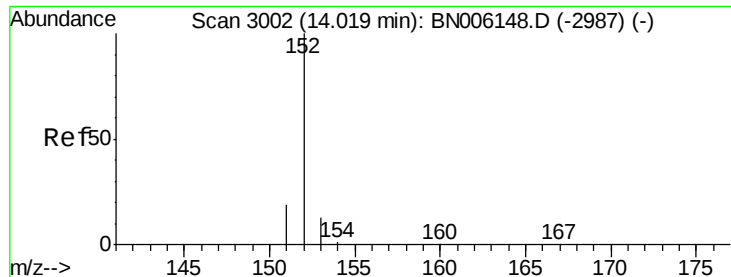
141 87.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.153 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

Instrument :

BNA_N

ClientSampleId :

C0AC1DL

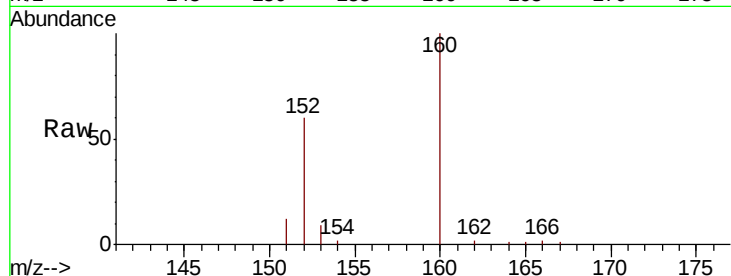
Tgt Ion:152 Resp: 8231

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

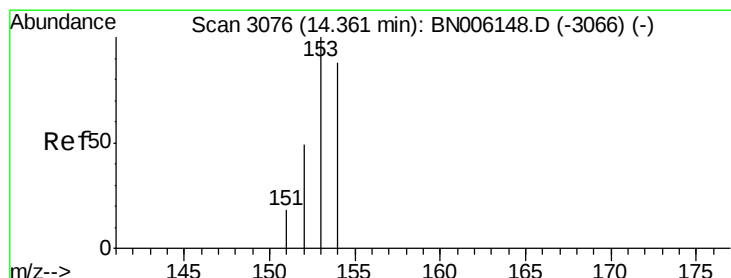
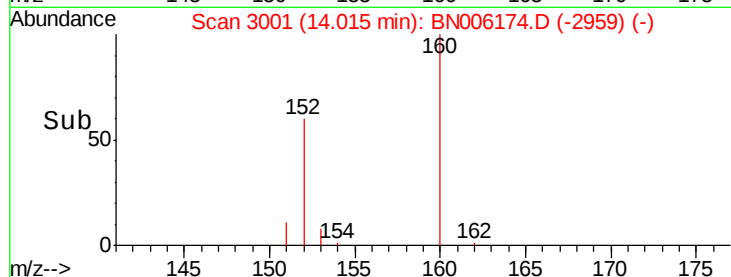
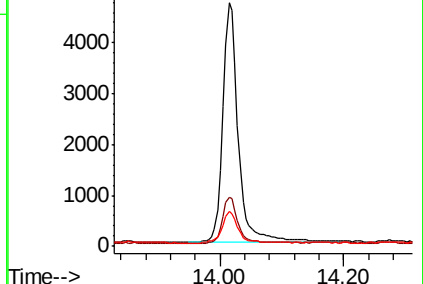
153 14.4 10.8 16.2



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: 0.062 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

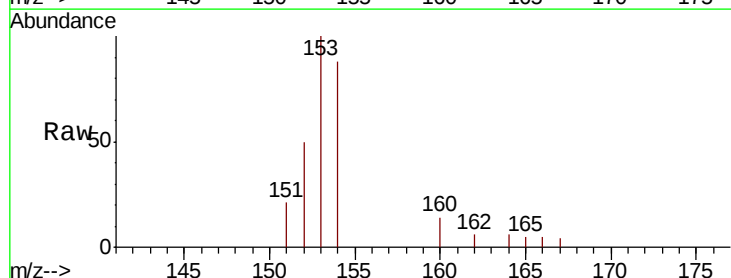
Tgt Ion:153 Resp: 2309

Ion Ratio Lower Upper

153 100

152 50.3 39.1 58.7

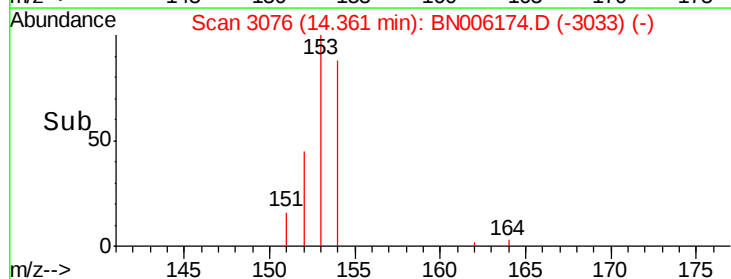
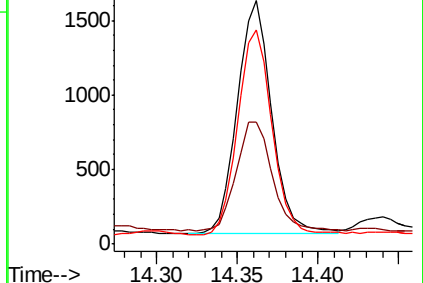
154 88.2 71.1 106.7

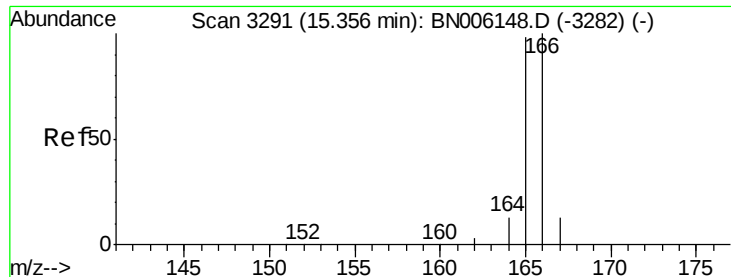


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

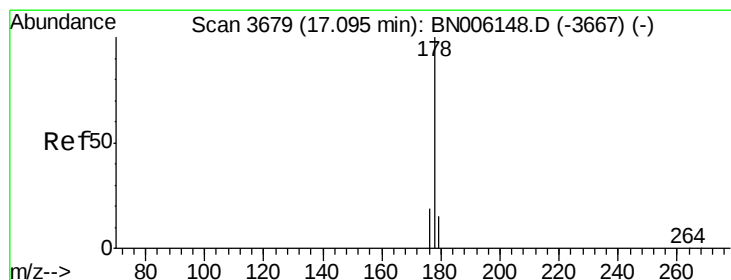
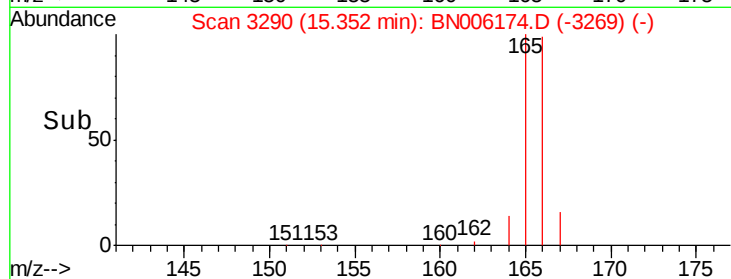
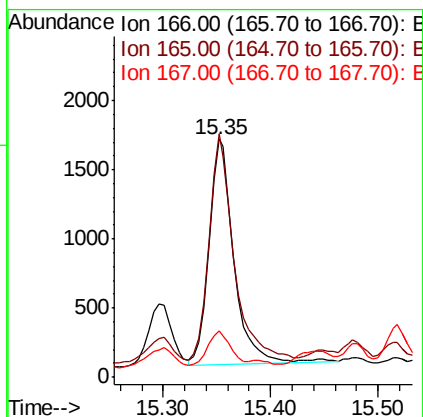
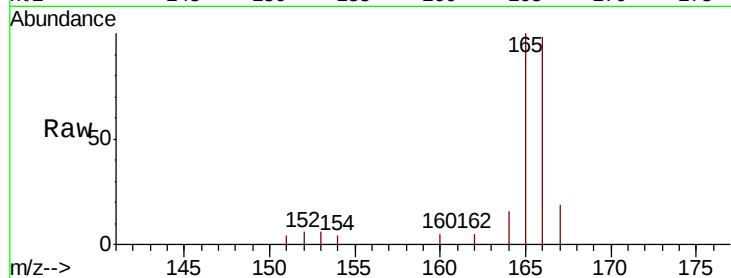




#9
Fluorene
 Concen: 0.060 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006174.D
 Acq: 07 Jun 2019 19:19

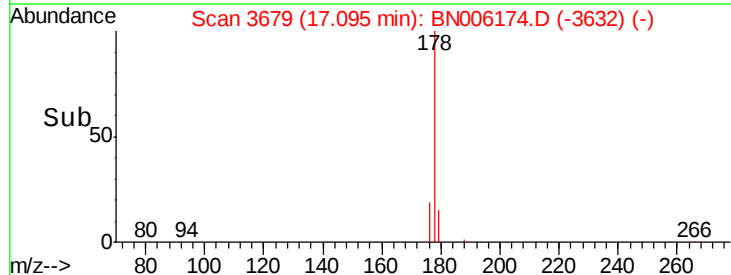
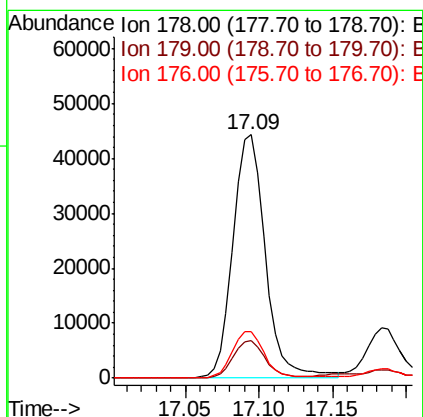
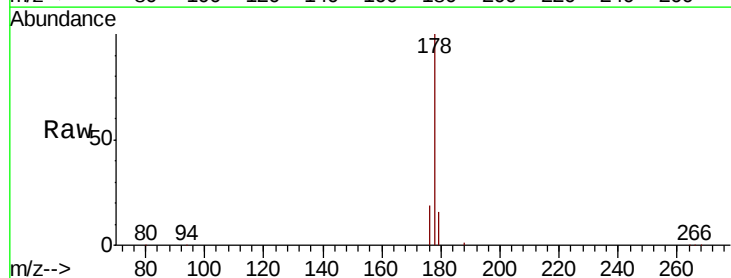
Instrument :
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 C0AC1DL

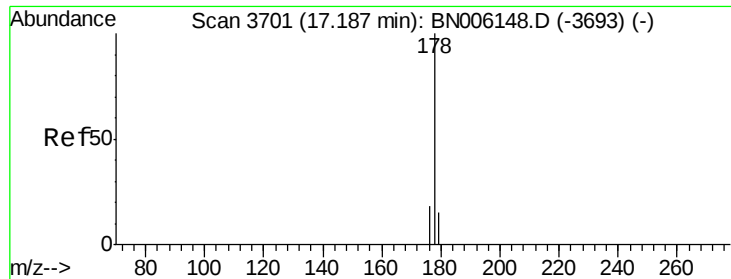
Tgt Ion:166 Resp: 2626
 Ion Ratio Lower Upper
 166 100
 165 102.3 76.4 114.6
 167 19.5 11.0 16.6#



#12
Phenanthrene
 Concen: 1.057 ng/ul
 RT: 17.09 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BN006174.D
 Acq: 07 Jun 2019 19:19

Tgt Ion:178 Resp: 67255
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.1 15.3 22.9





#13

Anthracene

Concen: 0.247 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

Instrument :

BNA_N

ClientSampleId :

C0AC1DL

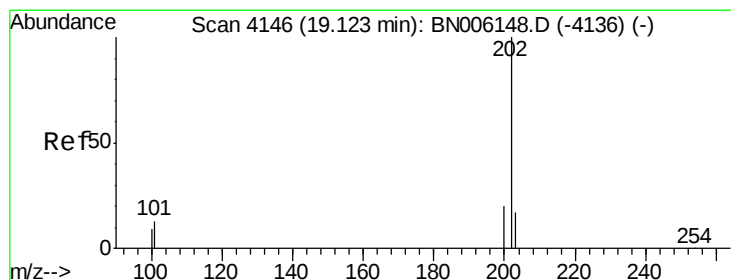
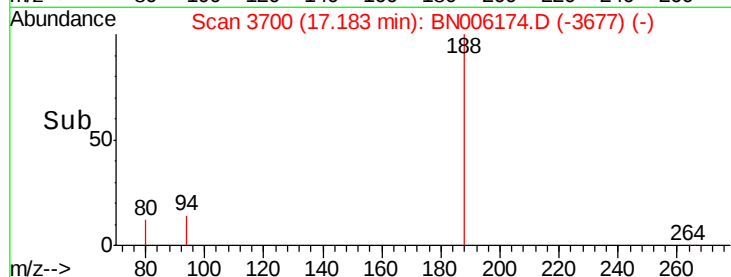
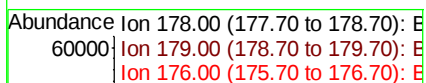
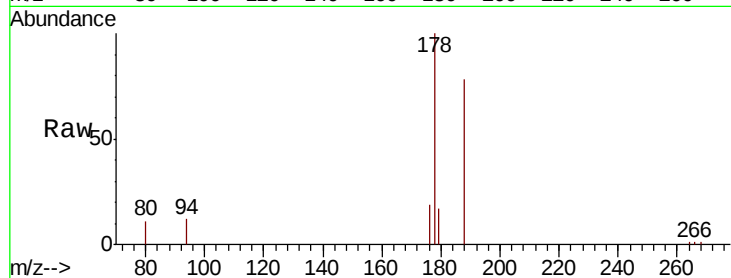
Tgt Ion:178 Resp: 14983

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.4

176 19.3 15.1 22.7



#15

Fluoranthene

Concen: 2.492 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

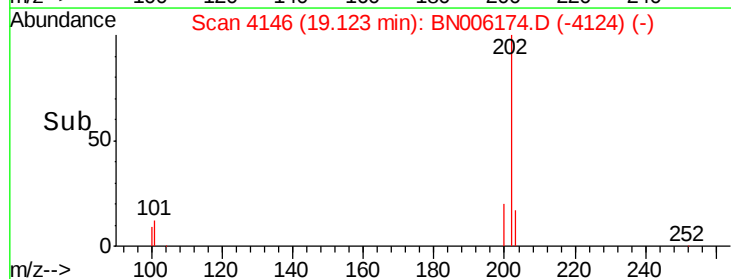
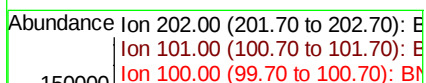
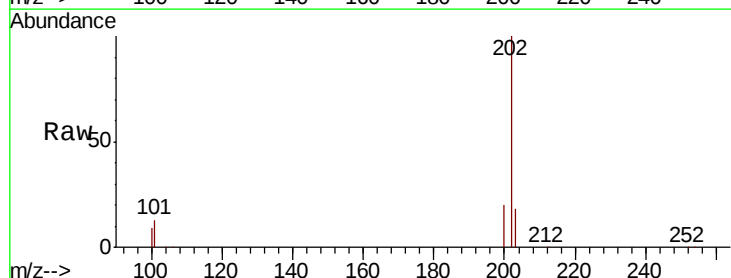
Tgt Ion:202 Resp: 175105

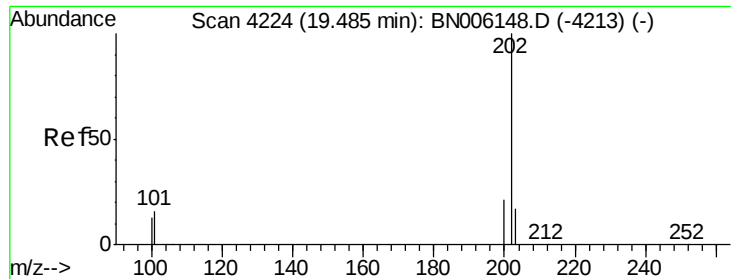
Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.1

100 9.0 0.0 28.7

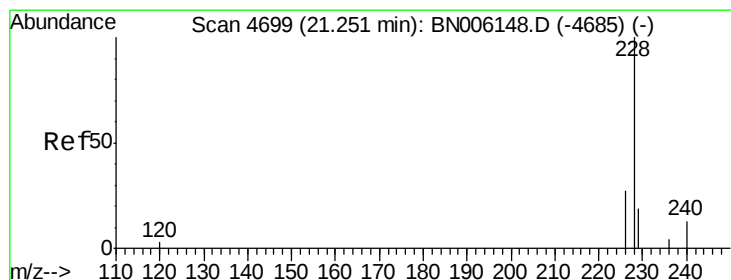
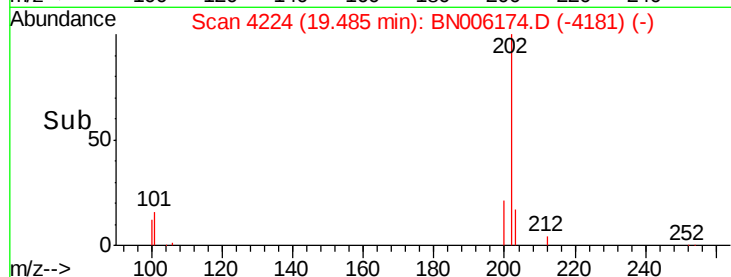
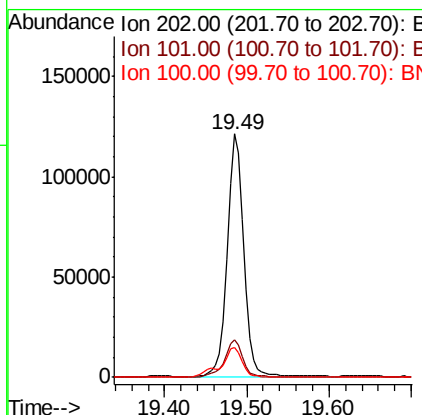
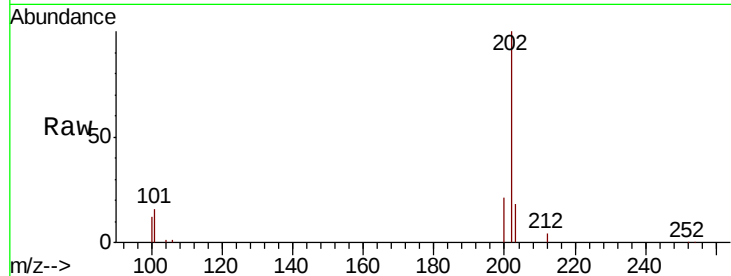




#17
 Pyrene
 Concen: 1.923 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN006174.D
 Acq: 07 Jun 2019 19:19

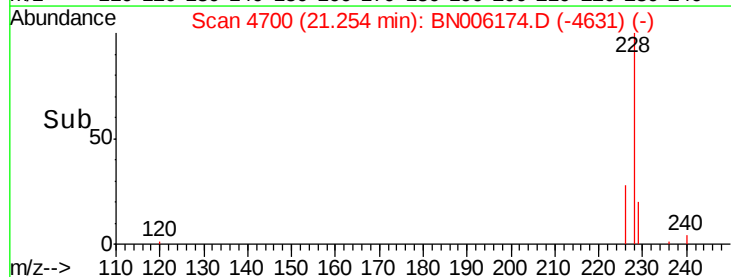
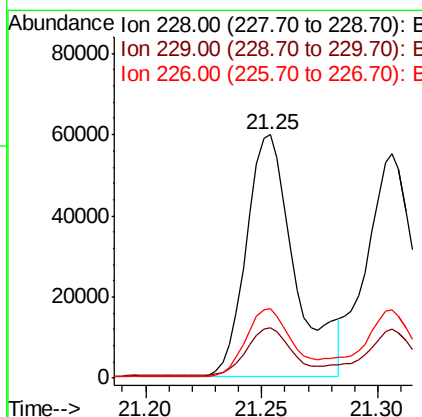
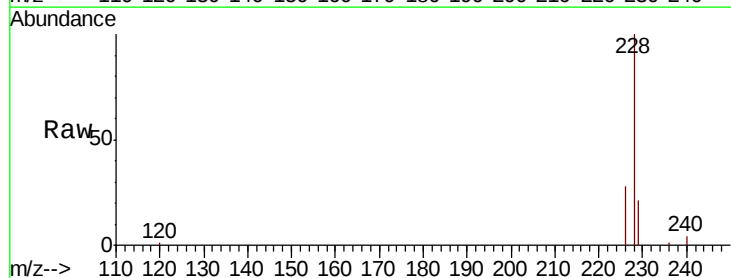
Instrument :
 BNA_N
 ClientSampleId :
 C0AC1DL

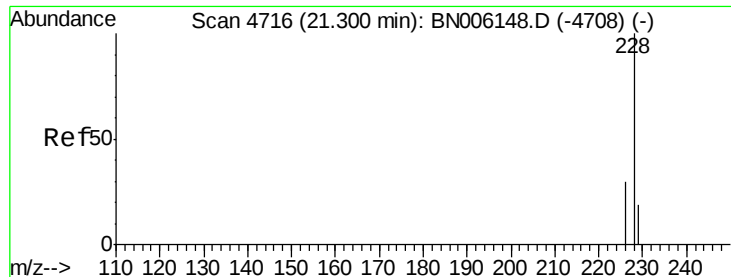
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.2
100	12.5	9.8	14.6



#18
 Benzo(a)anthracene
 Concen: 1.175 ng/ul
 RT: 21.25 min Scan# 4700
 Delta R.T. 0.00 min
 Lab File: BN006174.D
 Acq: 07 Jun 2019 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.5	24.7
226	28.4	22.8	34.2





#19

Chrysene

Concen: 1.177 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.01 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

Instrument :

BNA_N

ClientSampleId :

C0AC1DL

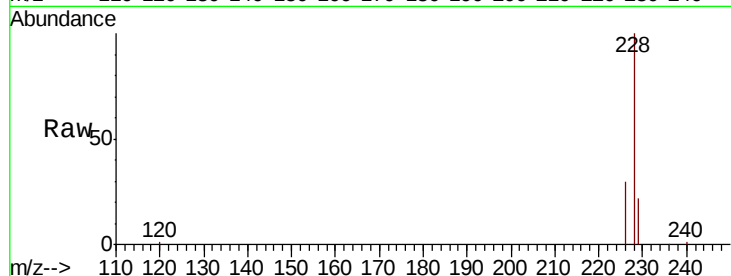
Tgt Ion:228 Resp: 81660

Ion Ratio Lower Upper

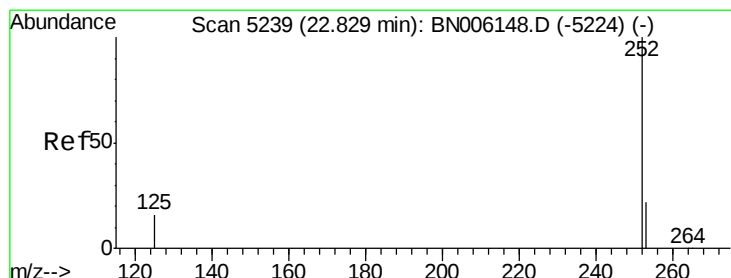
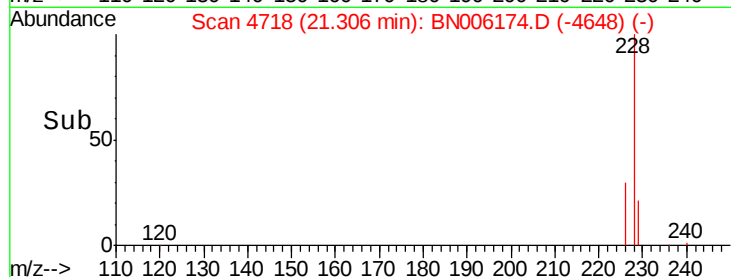
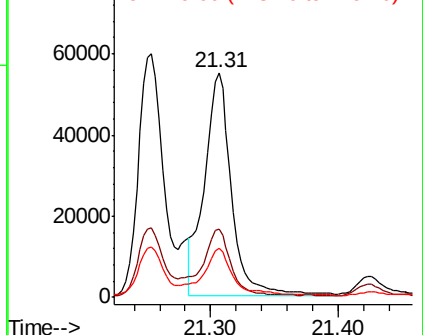
228 100

226 30.4 25.0 37.6

229 21.7 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: 1.591 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. 0.01 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

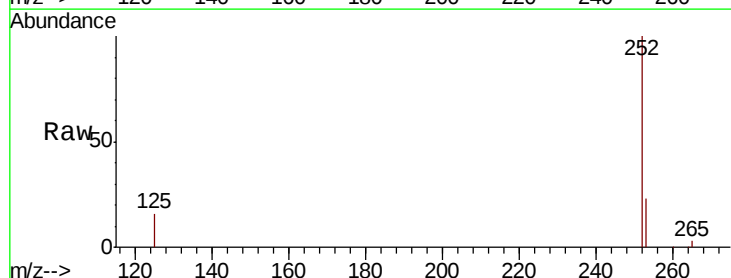
Tgt Ion:252 Resp: 142617

Ion Ratio Lower Upper

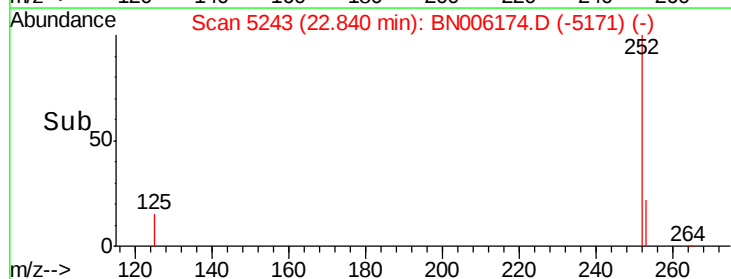
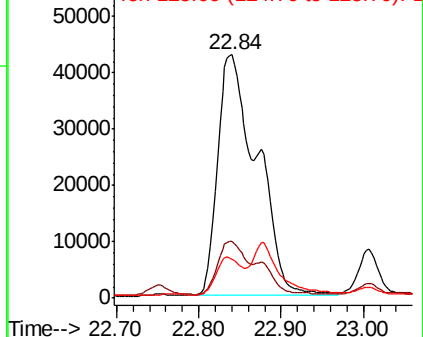
252 100

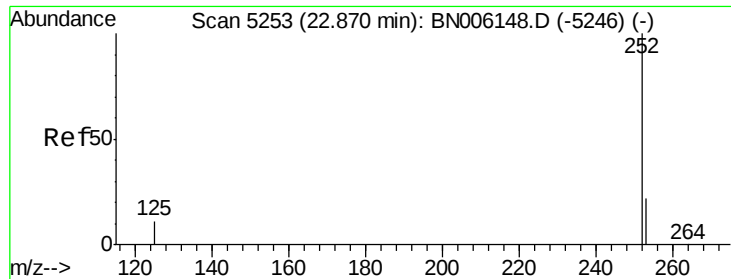
253 23.4 0.0 51.4

125 15.9 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: 1.633 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.03 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

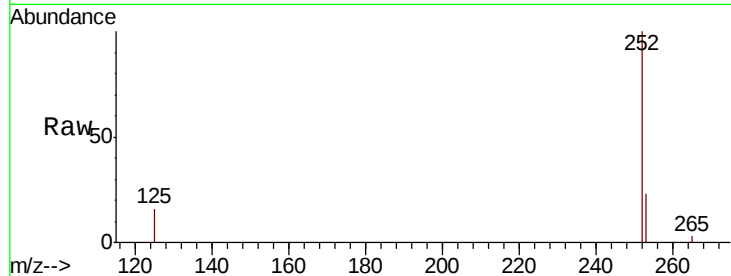
Instrument :

BNA_N

ClientSampleId :

C0AC1DL

Tgt Ion:	252	Resp:	142617
Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	15.9	14.3	21.5

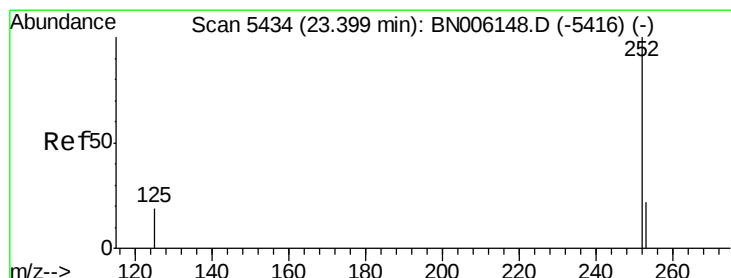
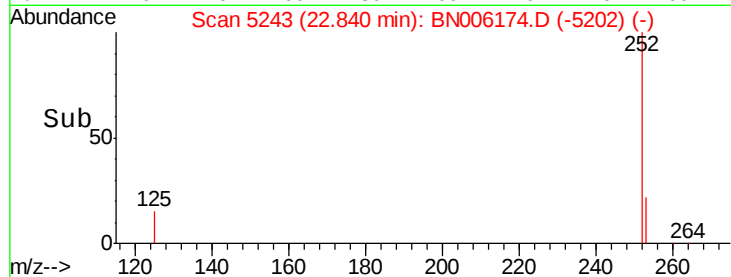
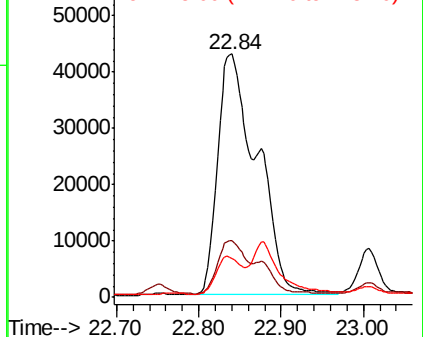


Abundance

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: 0.853 ng/ul

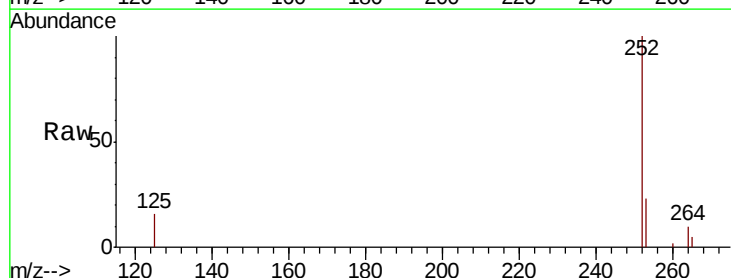
RT: 23.40 min Scan# 5436

Delta R.T. 0.01 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

Tgt Ion:	252	Resp:	71265
Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.1	31.7
125	15.7	20.3	30.5#

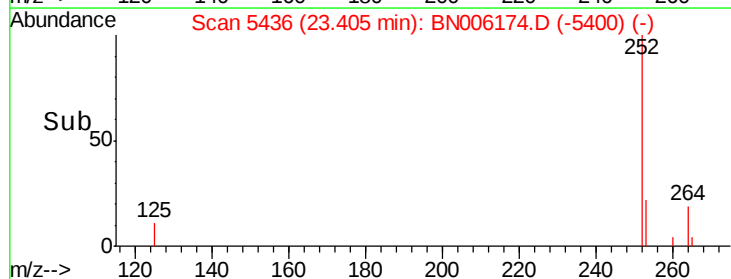
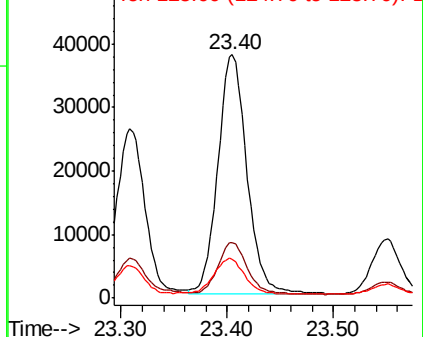


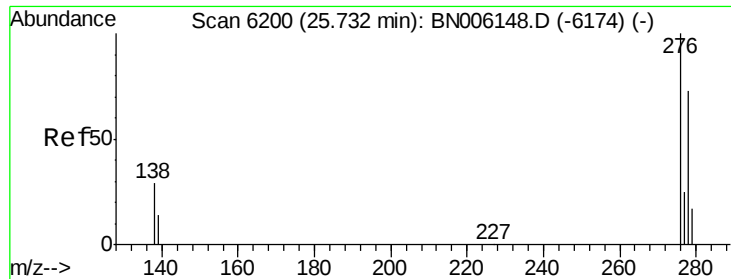
Abundance

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: 0.541 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. 0.00 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

Instrument :

BNA_N

ClientSampleId :

C0AC1DL

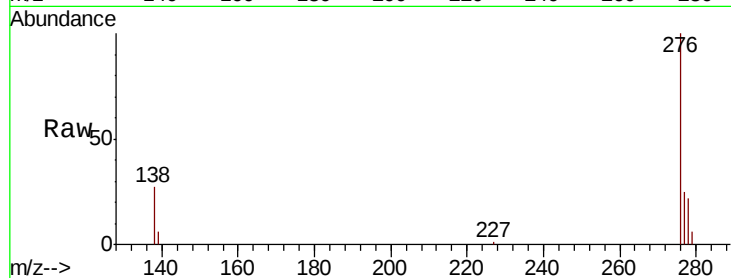
Tgt Ion:276 Resp: 48889

Ion Ratio Lower Upper

276 100

138 25.0 25.6 38.4#

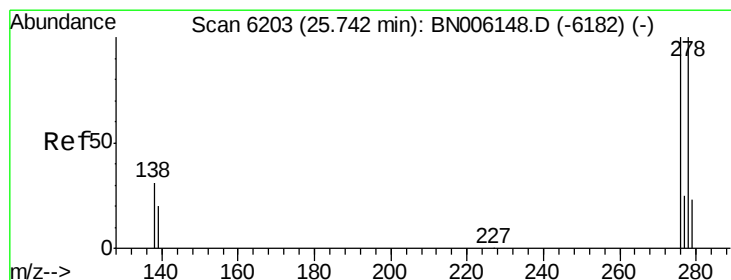
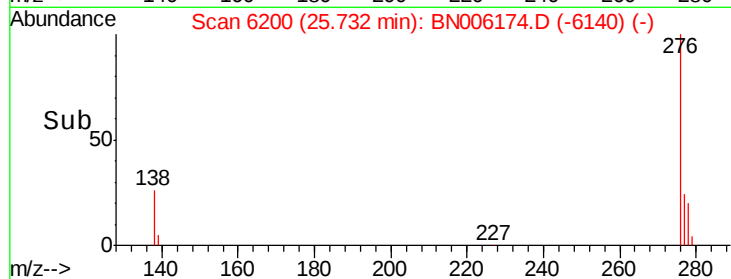
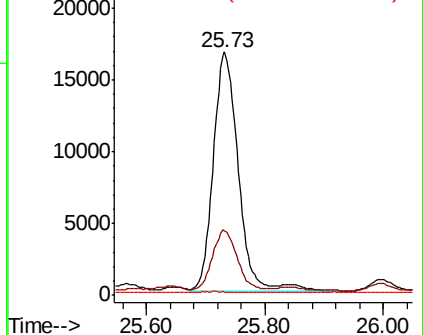
227 0.0 0.3 0.5#



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: 0.170 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. -0.01 min

Lab File: BN006174.D

Acq: 07 Jun 2019 19:19

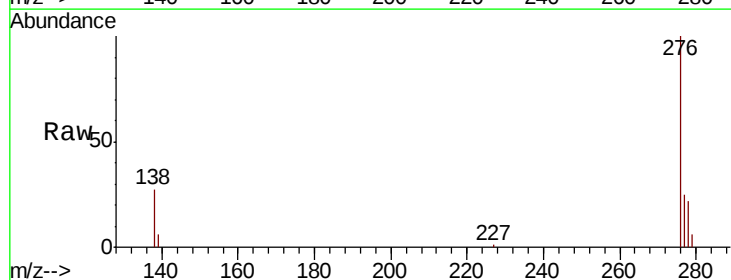
Tgt Ion:278 Resp: 12254

Ion Ratio Lower Upper

278 100

139 27.9 21.2 31.8

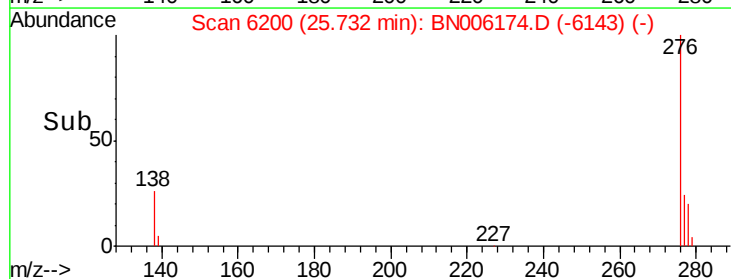
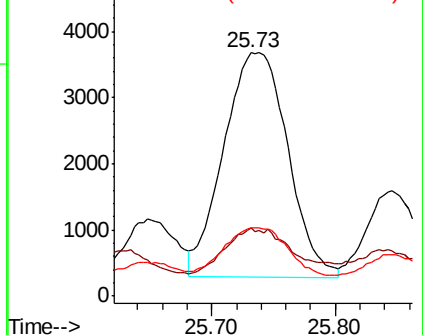
279 28.2 22.6 33.8

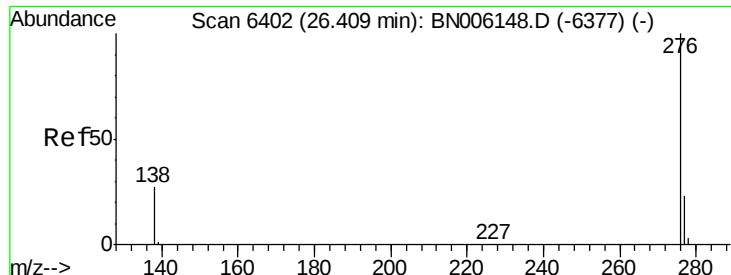


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

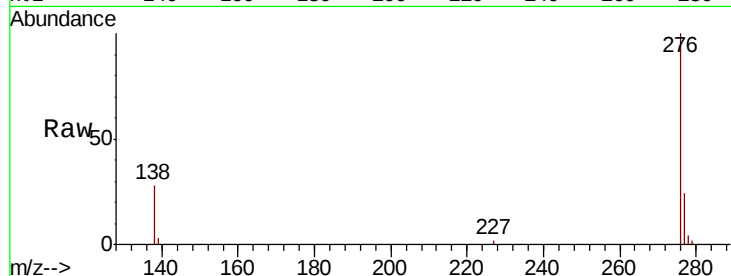




#26
 Benzo(g,h,i)perylene
 Concen: 0.500 ng/ul
 RT: 26.42 min Scan# 6404
 Delta R.T. 0.01 min
 Lab File: BN006174.D
 Acq: 07 Jun 2019 19:19

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1DL

Tgt Ion:	276	Resp:	37845
Ion	Ratio	Lower	Upper
276	100		
138	28.0	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

