

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Quant Time: Jun 08 02:04:10 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	4846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10605	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1360071	0.40	ng/ul	0.10
16) Chrysene-d12	21.40	240	1054	0.40	ng/ul	0.13
20) Perylene-d12	23.61	264	12130	0.40	ng/ul	0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	8282	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	762	0.00	ng/ul	0.09

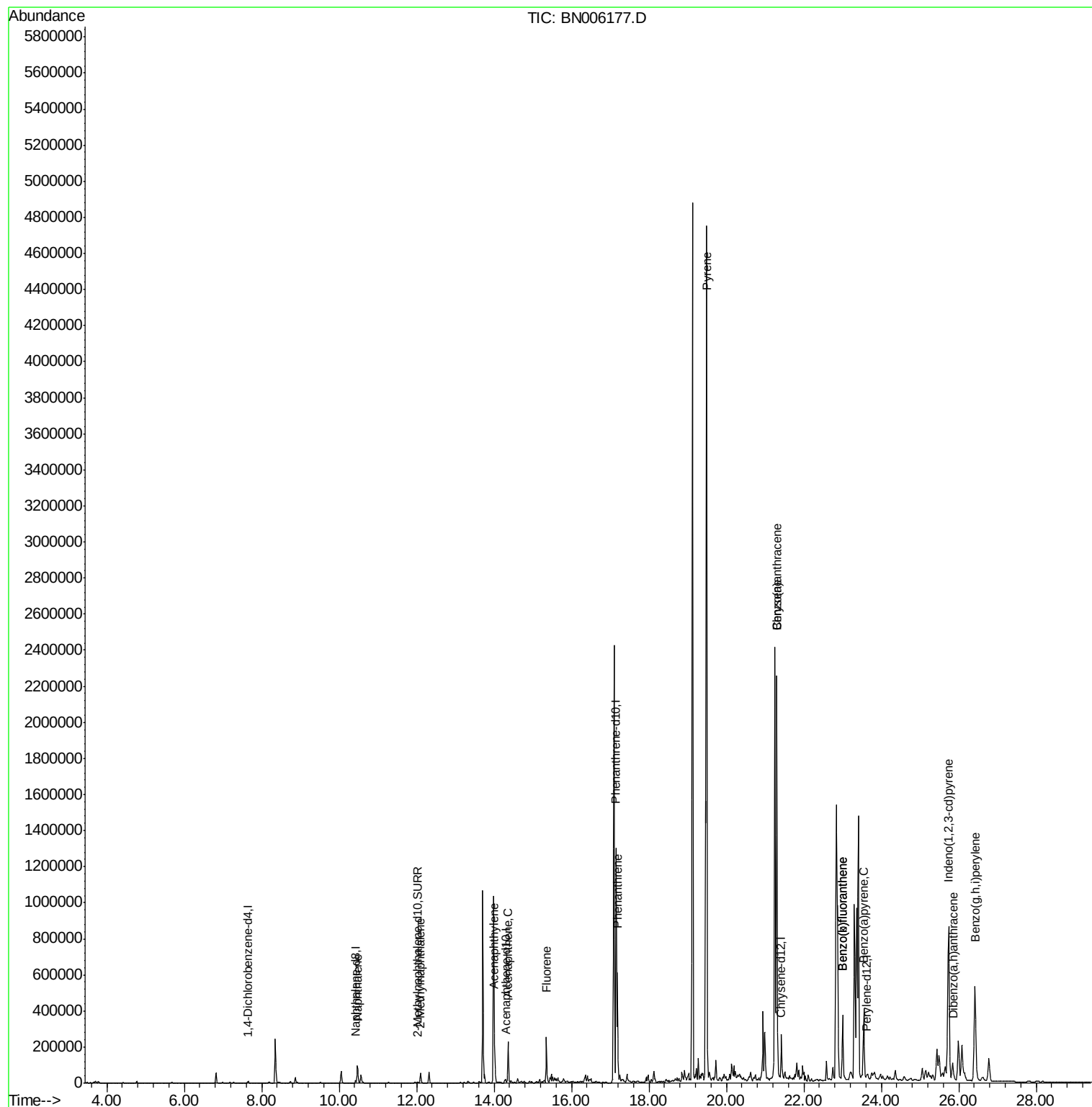
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	137100	2.689	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	42503	1.196	ng/ul	100
7) Acenaphthylene	14.01	152	195573	3.318	ng/ul	100
8) Acenaphthene	14.36	153	126243	3.087	ng/ul	99
9) Fluorene	15.35	166	155753	3.255	ng/ul	97
12) Phenanthrene	17.18	178	589179	0.135	ng/ul	99
17) Pyrene	19.49	202	3902448	702.907	ng/ul	97
18) Benzo(a)anthracene	21.30	228	2175195	466.611	ng/ul	95
19) Chrysene	21.30	228	2175195	497.042	ng/ul	98
21) Benzo(b)fluoranthene	23.00	252	440991	8.719	ng/ul	93
22) Benzo(k)fluoranthene	23.00	252	440767	8.947	ng/ul	95
23) Benzo(a)pyrene	23.55	252	477115	10.128	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.74	276	1247325	24.463	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.84	278	129511	3.177	ng/ul	95
26) Benzo(g,h,i)perylene	26.42	276	1014747	23.761	ng/ul	94

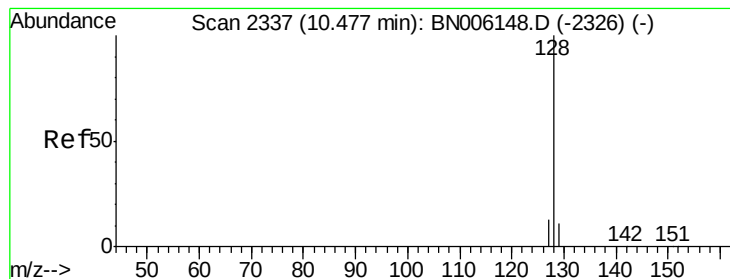
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.689 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7

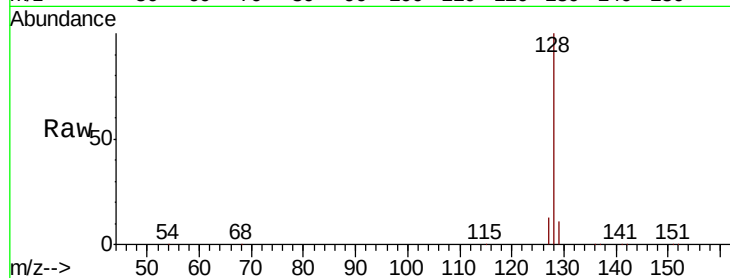
Tgt Ion:128 Resp: 137100

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

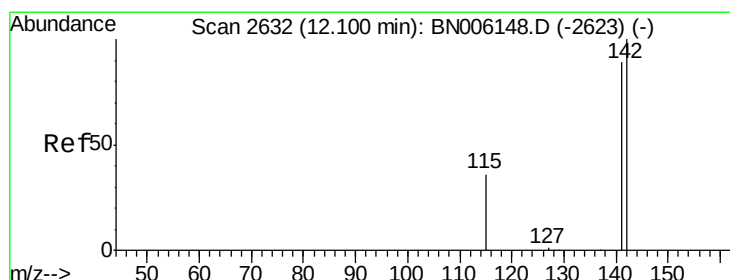
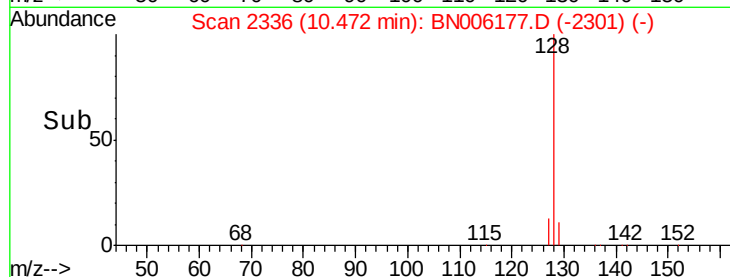
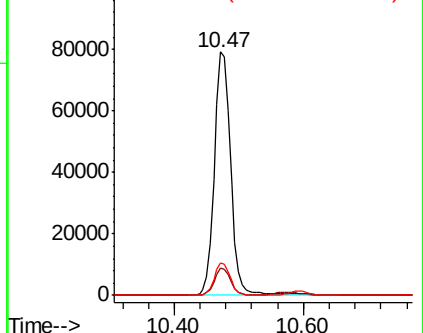
127 13.1 10.7 16.1



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: 1.196 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006177.D

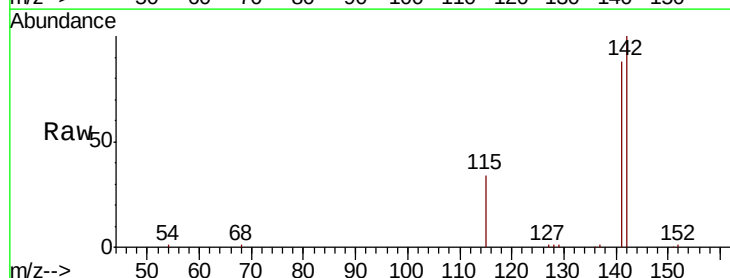
Acq: 07 Jun 2019 21:03

Tgt Ion:142 Resp: 42503

Ion Ratio Lower Upper

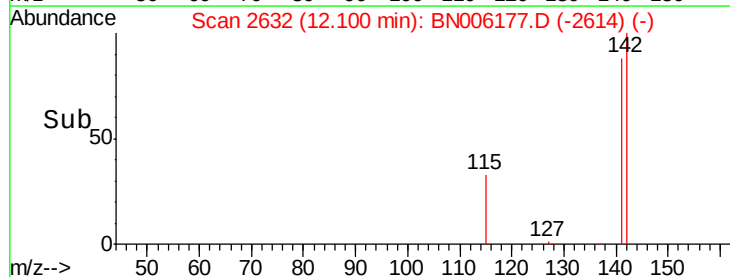
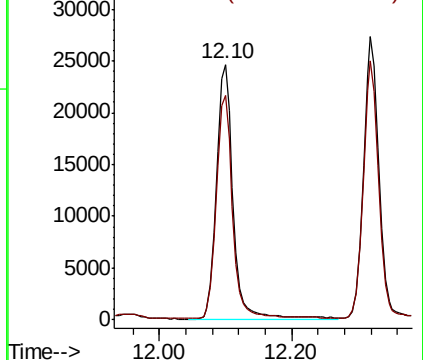
142 100

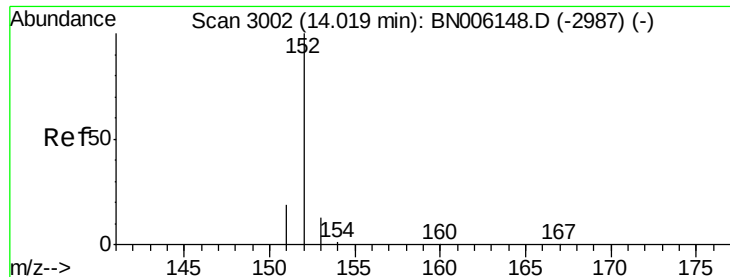
141 87.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.318 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7

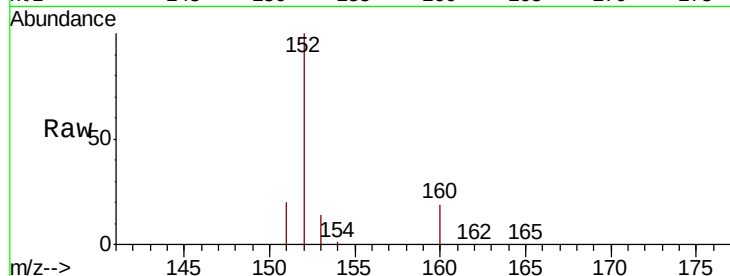
Tgt Ion:152 Resp: 195573

Ion Ratio Lower Upper

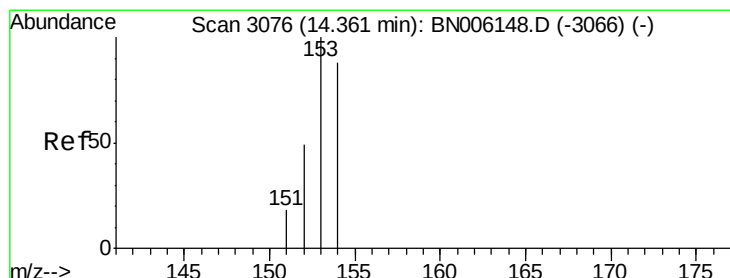
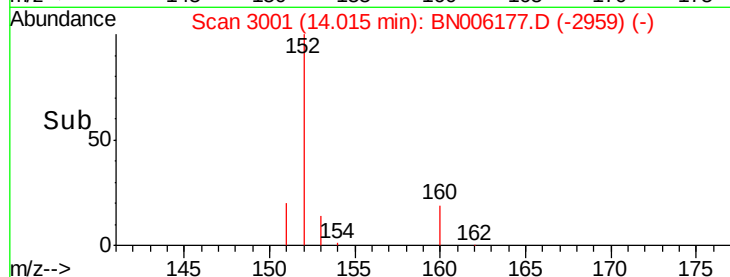
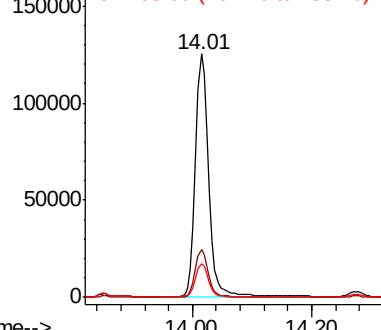
152 100

151 19.9 15.8 23.8

153 13.7 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: 3.087 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

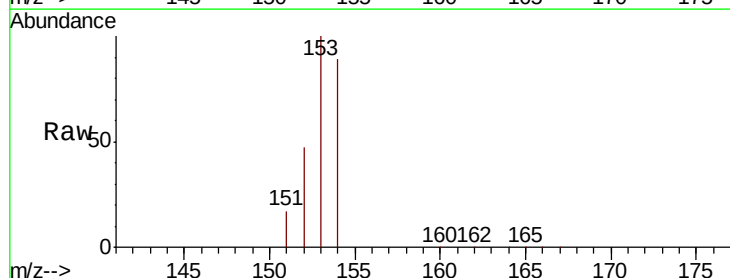
Tgt Ion:153 Resp: 126243

Ion Ratio Lower Upper

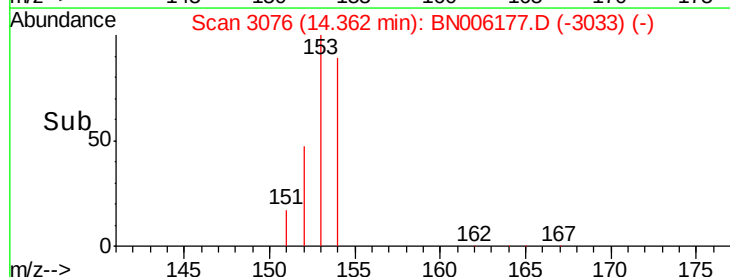
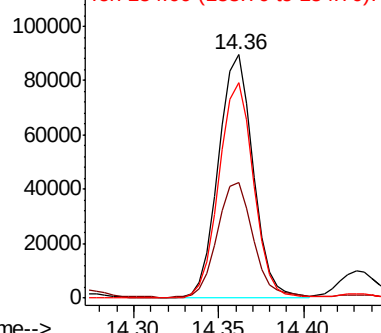
153 100

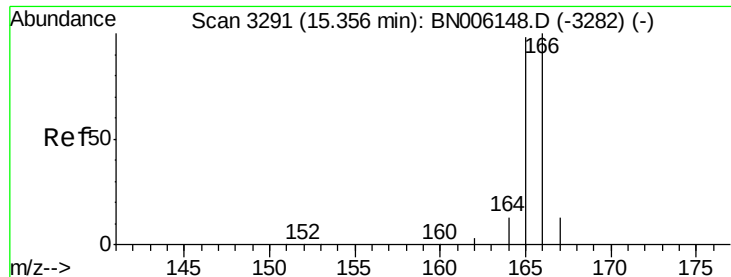
152 47.3 39.1 58.7

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

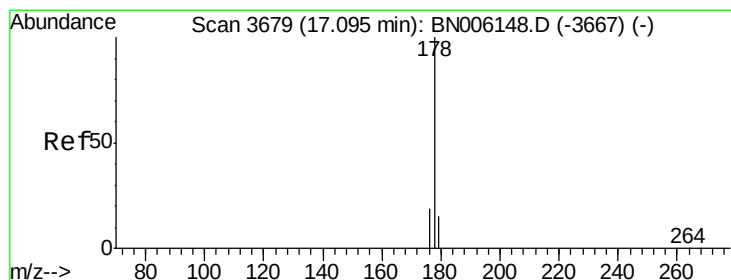
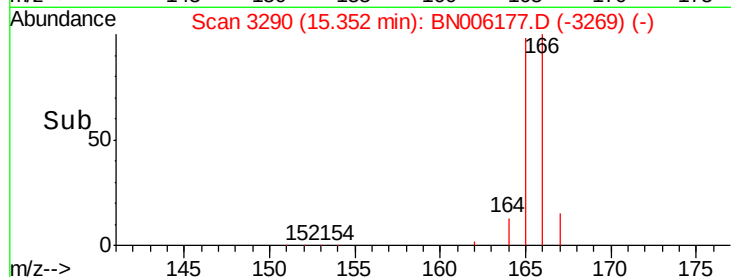
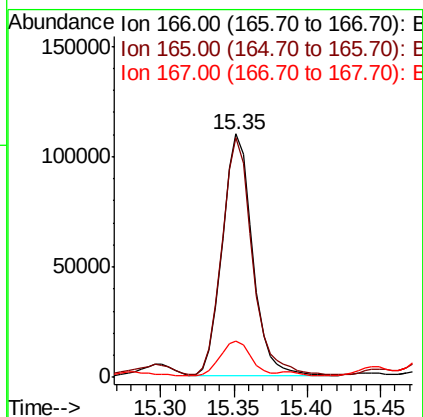
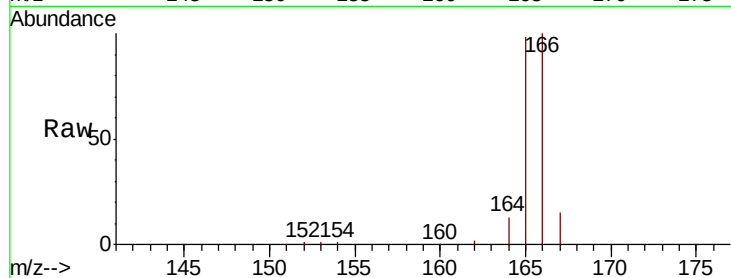




#9
Fluorene
 Concen: 3.255 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006177.D
 Acq: 07 Jun 2019 21:03

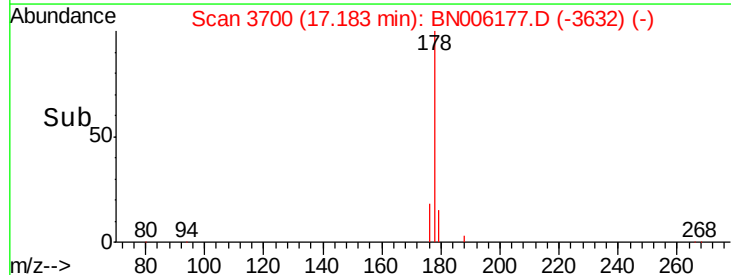
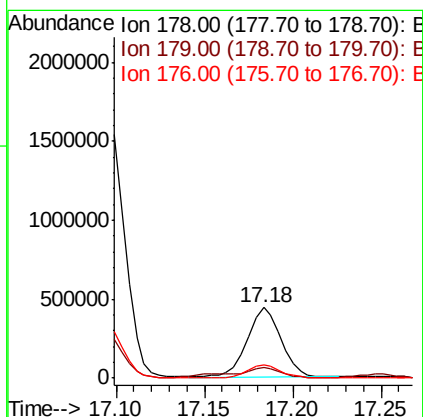
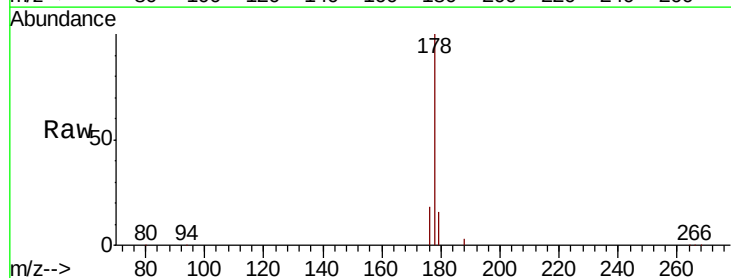
Instrument :
 BNA_N
 ClientSampled :
 C0AC7

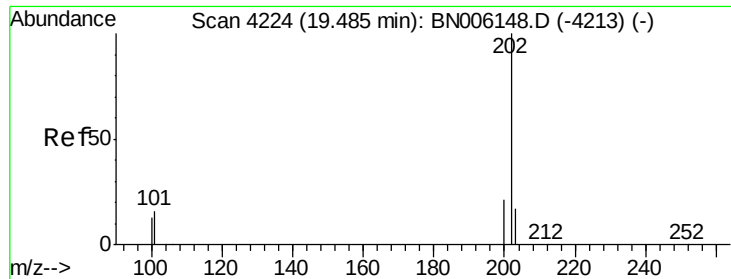
Tgt Ion:166 Resp: 155753
 Ion Ratio Lower Upper
 166 100
 165 98.3 76.4 114.6
 167 15.0 11.0 16.6



#12
Phenanthrene
 Concen: 0.135 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. 0.09 min
 Lab File: BN006177.D
 Acq: 07 Jun 2019 21:03

Tgt Ion:178 Resp: 589179
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.5 15.3 22.9

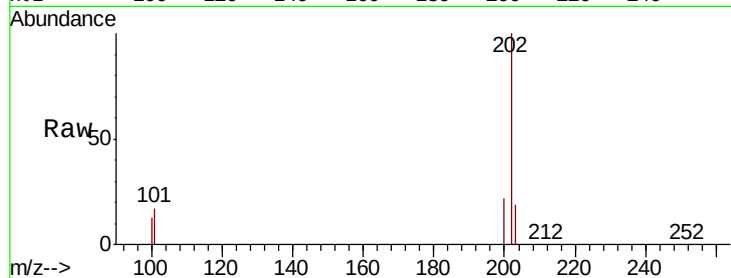




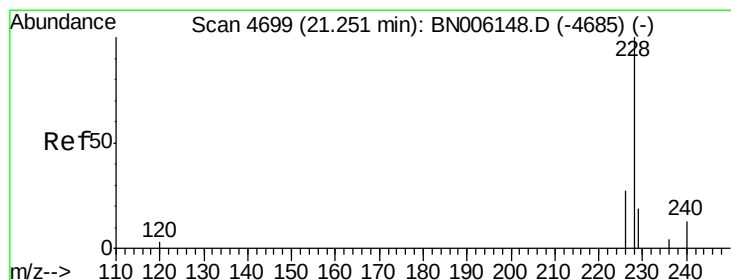
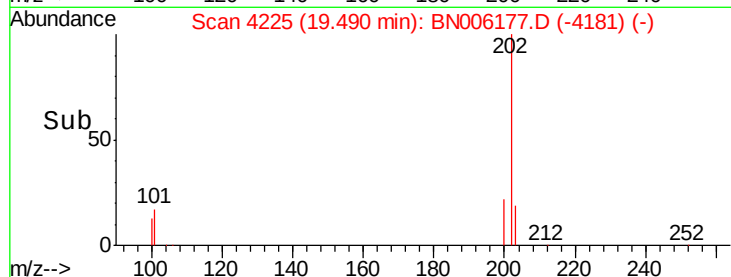
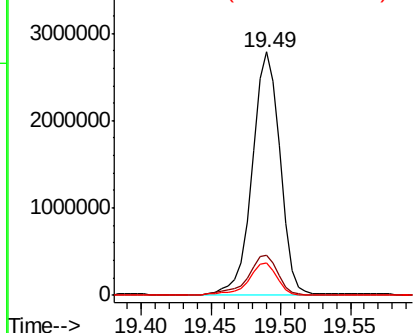
#17
 Pyrene
 Concen: 702.907 ng/ul
 RT: 19.49 min Scan# 4225
 Delta R.T. 0.00 min
 Lab File: BN006177.D
 Acq: 07 Jun 2019 21:03

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Tgt Ion:202 Resp: 3902448
 Ion Ratio Lower Upper
 202 100
 101 16.5 12.2 18.2
 100 13.1 9.8 14.6

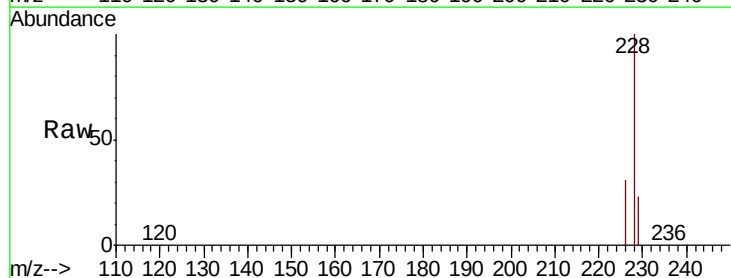


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

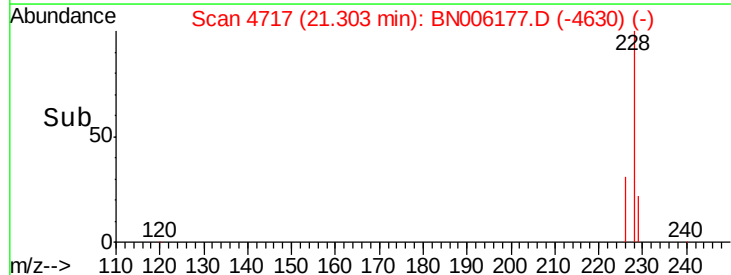
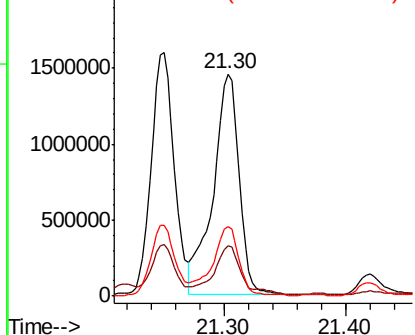


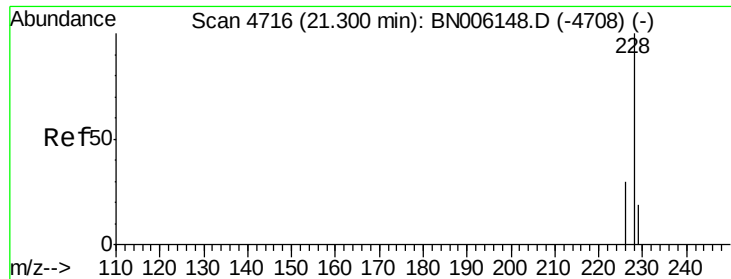
#18
 Benzo(a)anthracene
 Concen: 466.611 ng/ul
 RT: 21.30 min Scan# 4717
 Delta R.T. 0.05 min
 Lab File: BN006177.D
 Acq: 07 Jun 2019 21:03

Tgt Ion:228 Resp: 2175195
 Ion Ratio Lower Upper
 228 100
 229 22.7 16.5 24.7
 226 31.3 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: 497.042 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7

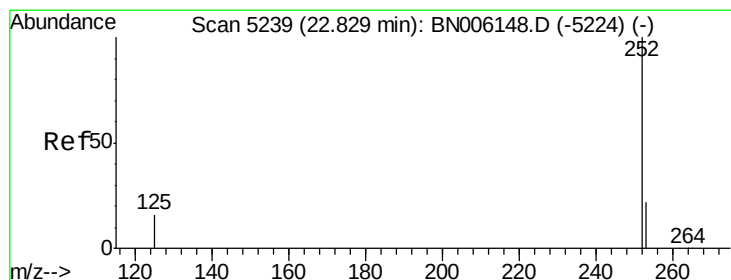
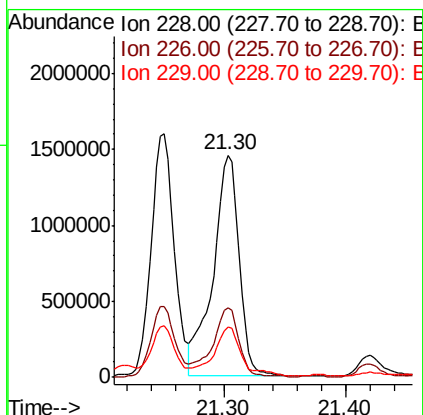
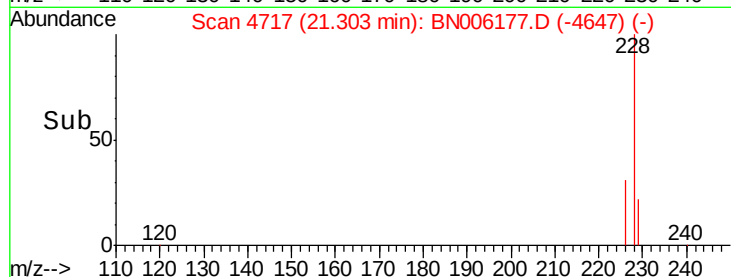
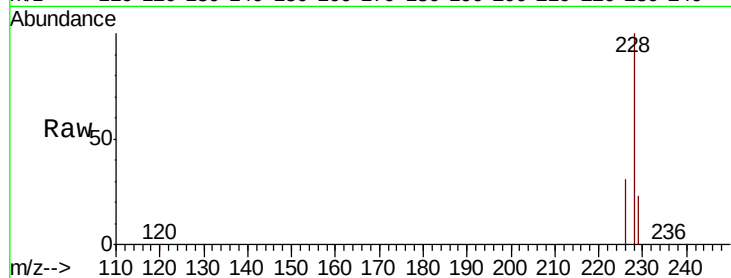
Tgt Ion:228 Resp: 2175195

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 22.7 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 8.719 ng/ul

RT: 23.00 min Scan# 5297

Delta R.T. 0.17 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

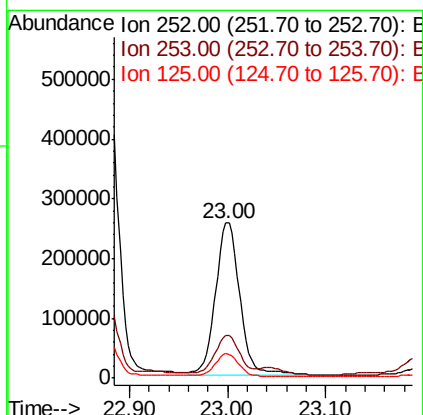
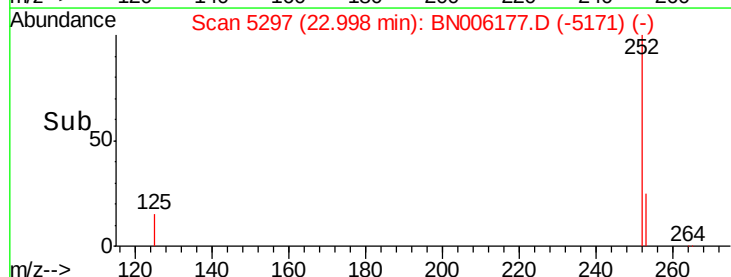
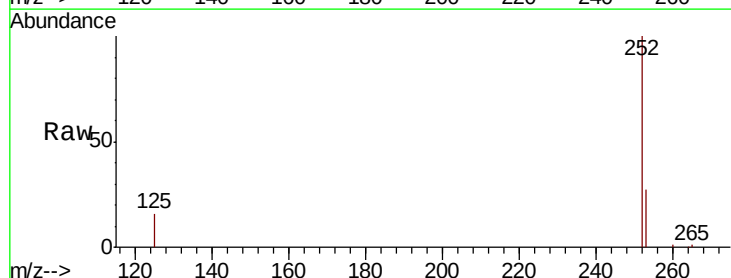
Tgt Ion:252 Resp: 440991

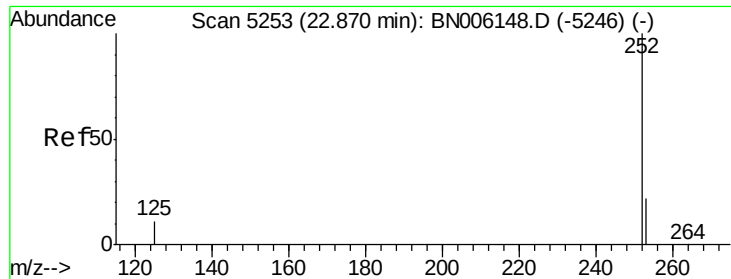
Ion Ratio Lower Upper

252 100

253 27.5 0.0 51.4

125 15.6 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 8.947 ng/ul

RT: 23.00 min Scan# 5297

Delta R.T. 0.13 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7

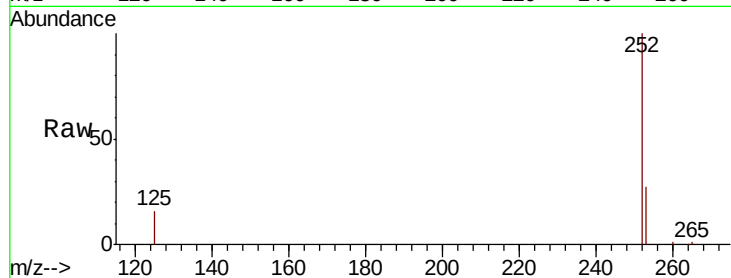
Tgt Ion:252 Resp: 440767

Ion Ratio Lower Upper

252 100

253 27.5 20.3 30.5

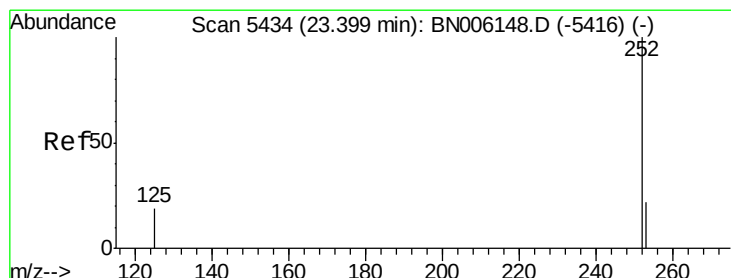
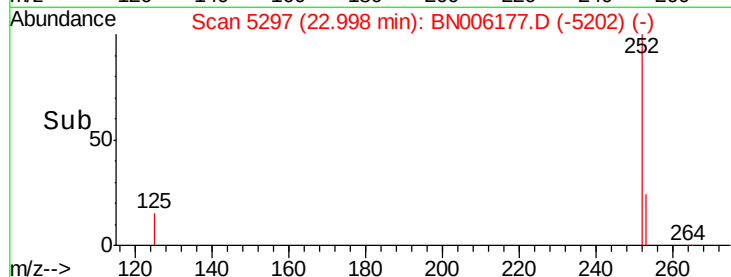
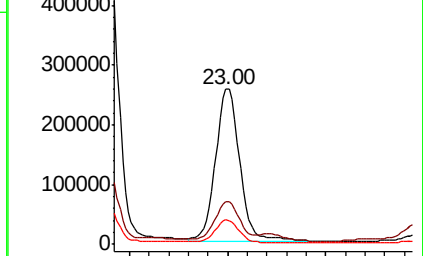
125 15.6 14.3 21.5



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: 10.128 ng/ul

RT: 23.55 min Scan# 5484

Delta R.T. 0.15 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

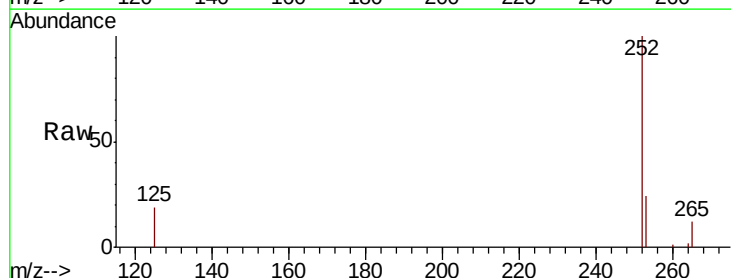
Tgt Ion:252 Resp: 477115

Ion Ratio Lower Upper

252 100

253 23.9 21.1 31.7

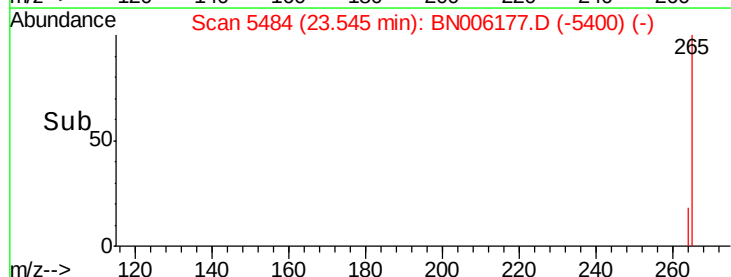
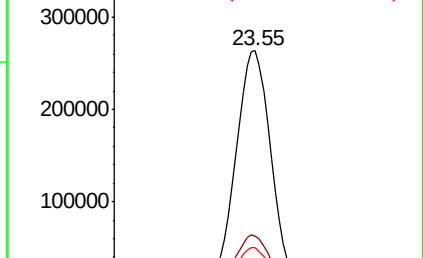
125 18.9 20.3 30.5#

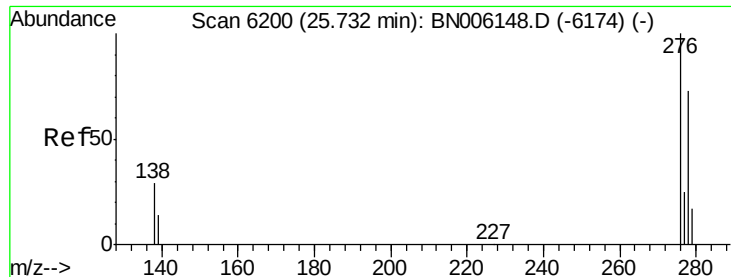


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



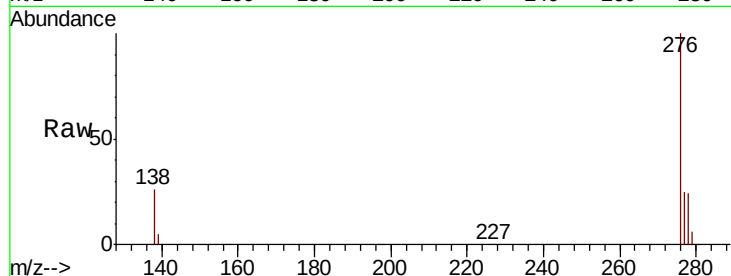


#24

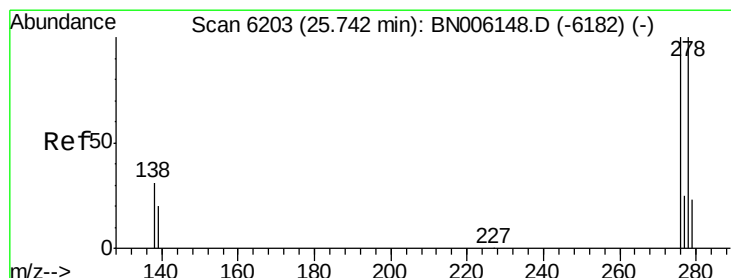
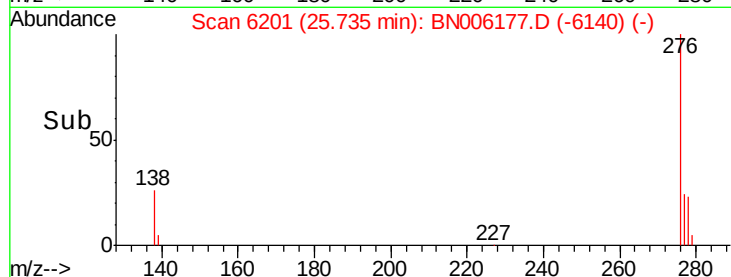
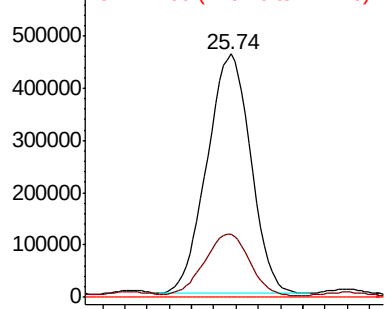
Indeno(1,2,3-cd)pyrene
Concen: 24.463 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. 0.00 min
Lab File: BN006177.D
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Tgt Ion: 276 Resp: 1247325
Ion Ratio Lower Upper
276 100
138 26.4 25.6 38.4
227 0.2 0.3 0.5#



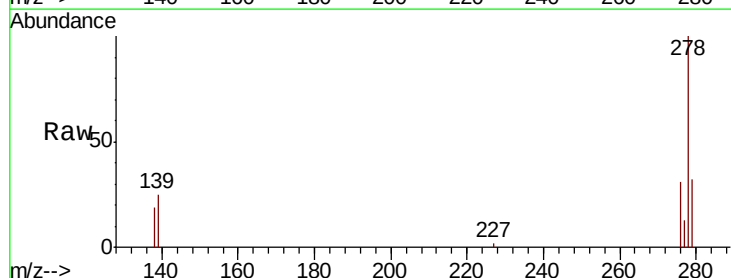
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



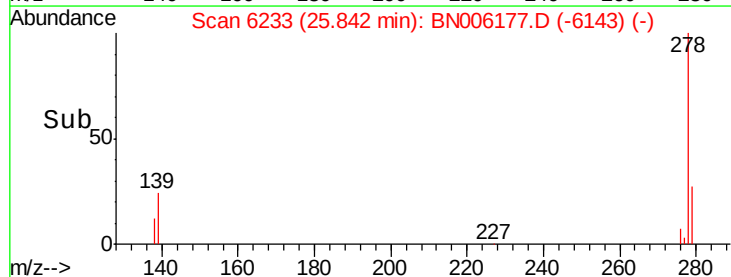
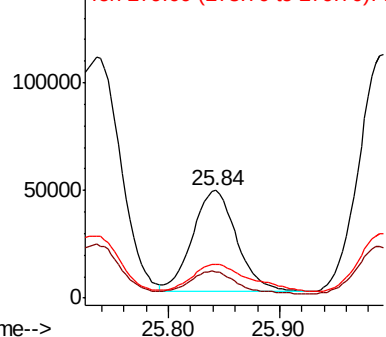
#25

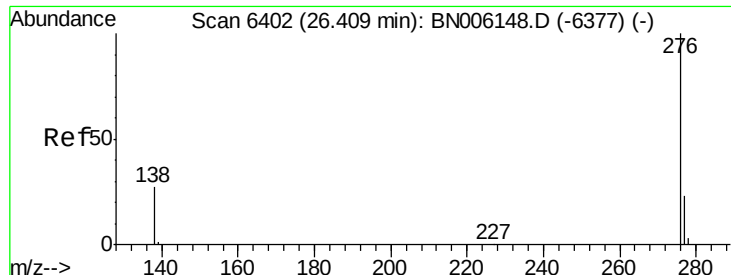
Dibenzo(a,h)anthracene
Concen: 3.177 ng/ul
RT: 25.84 min Scan# 6233
Delta R.T. 0.10 min
Lab File: BN006177.D
Acq: 07 Jun 2019 21:03

Tgt Ion: 278 Resp: 129511
Ion Ratio Lower Upper
278 100
139 24.7 21.2 31.8
279 31.6 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: 23.761 ng/ul

RT: 26.42 min Scan# 6404

Delta R.T. 0.01 min

Lab File: BN006177.D

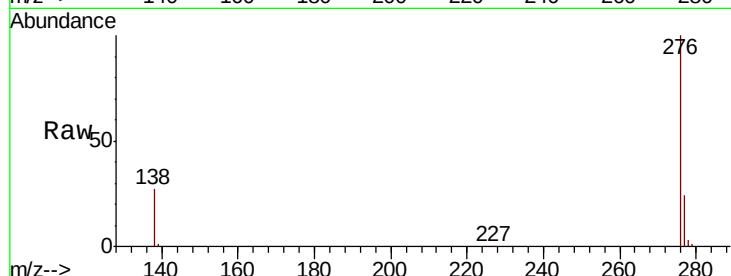
Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7



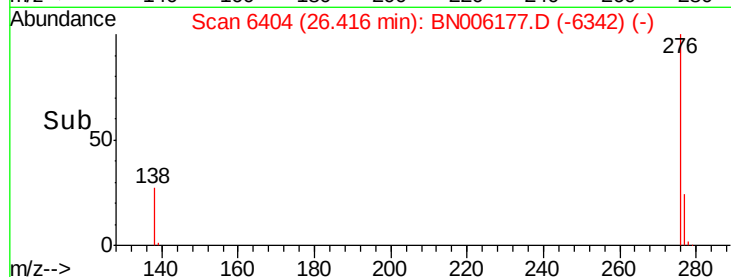
Tgt Ion:276 Resp: 1014747

Ion Ratio Lower Upper

276 100

138 26.9 24.2 36.4

277 24.2 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

