

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006153.D
 Acq On : 07 Jun 2019 02:21
 Operator : JU/SJ
 Sample : K3201-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Quant Time: Jun 07 03:28:40 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

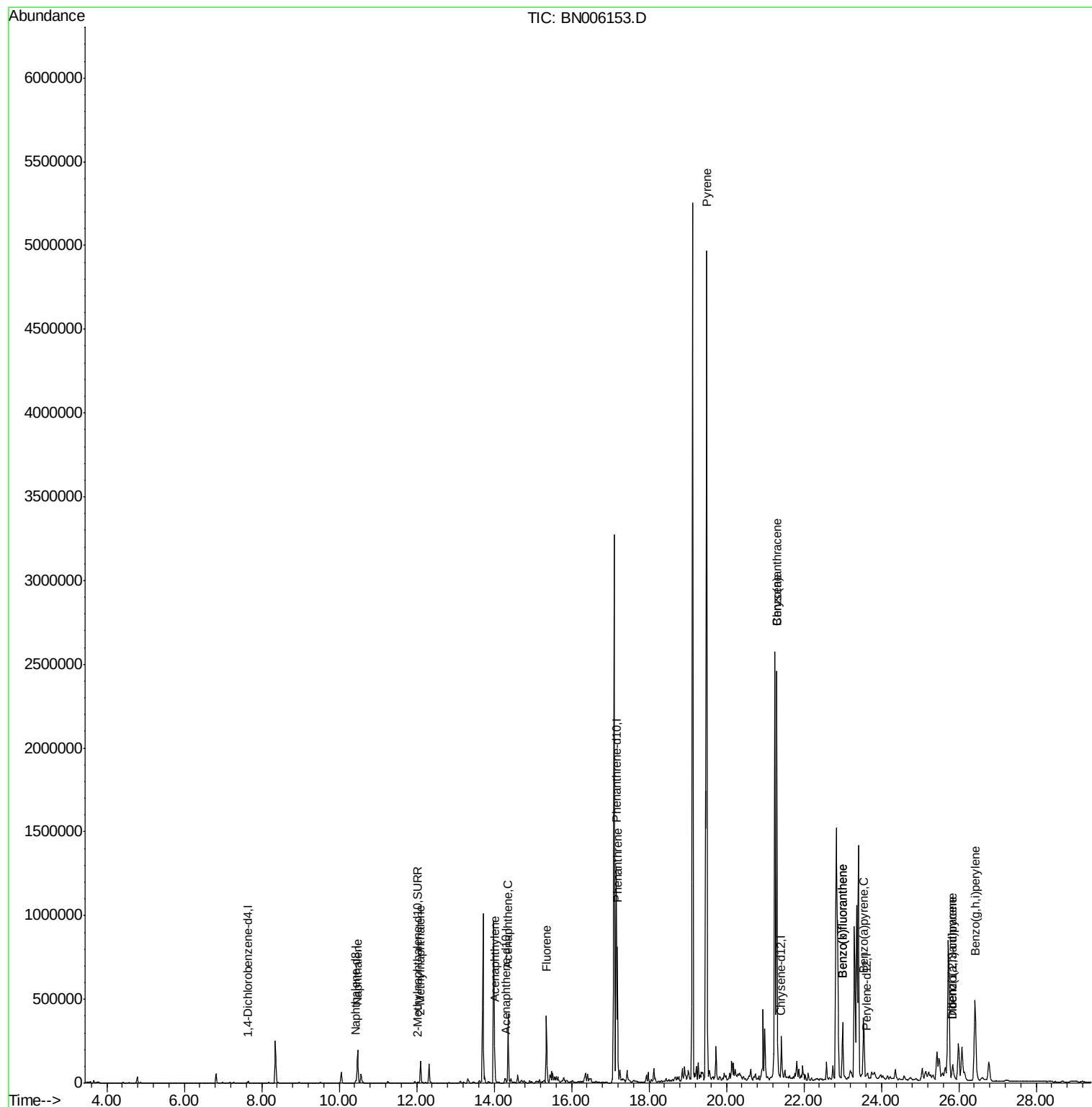
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21390	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1362566	0.40	ng/ul	0.10
16) Chrysene-d12	21.40	240	1135	0.40	ng/ul	0.14
20) Perylene-d12	23.61	264	12769	0.40	ng/ul	0.12
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8060	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	1094	0.00	ng/ul	0.10
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	262737	4.451	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	95223	2.315	ng/ul	98
7) Acenaphthylene	14.02	152	179002	2.712	ng/ul	99
8) Acenaphthene	14.36	153	223286	4.876	ng/ul	99
9) Fluorene	15.36	166	250624	4.678	ng/ul	99
12) Phenanthrene	17.19	178	820385	0.188	ng/ul	99
17) Pyrene	19.49	202	4284617	716.667	ng/ul	99
18) Benzo(a)anthracene	21.31	228	2328241	463.798	ng/ul	95
19) Chrysene	21.31	228	2328241	494.046	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	431900	8.112	ng/ul	93
22) Benzo(k)fluoranthene	23.00	252	431900	8.328	ng/ul	95
23) Benzo(a)pyrene	23.54	252	467645	9.431	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.84	276	37261	0.694	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.84	278	130802	3.048	ng/ul	95
26) Benzo(g,h,i)perylene	26.42	276	937792	20.861	ng/ul	94

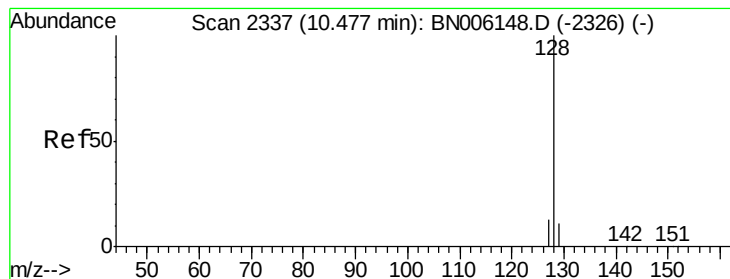
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 4.451 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

Instrument :

BNA_N

ClientSampleId :

C0AD0

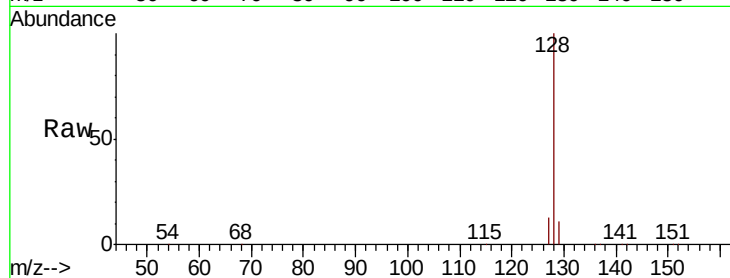
Tgt Ion:128 Resp: 262737

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

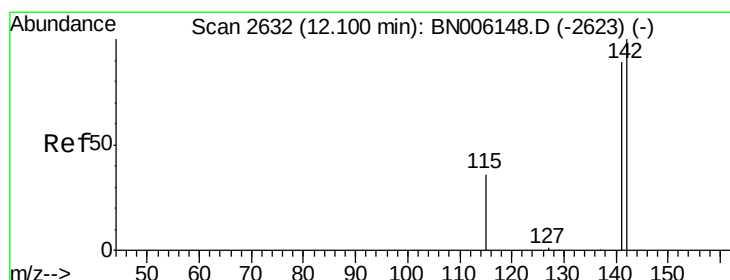
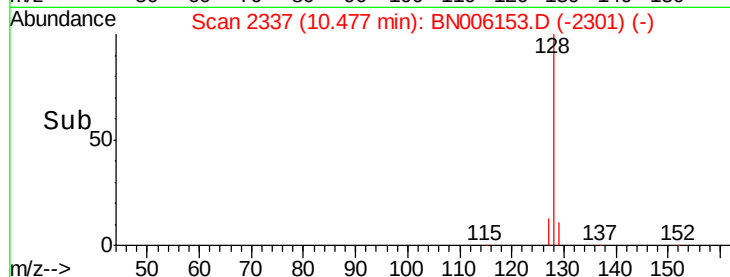
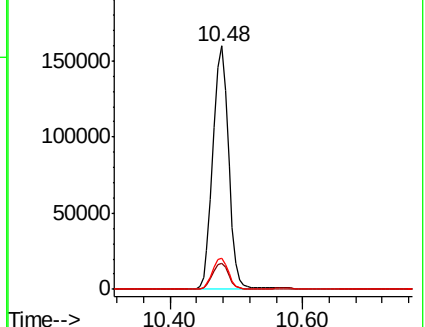
127 12.9 10.7 16.1



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: 2.315 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006153.D

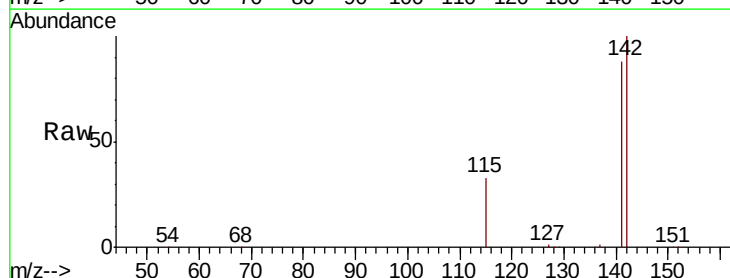
Acq: 07 Jun 2019 02:21

Tgt Ion:142 Resp: 95223

Ion Ratio Lower Upper

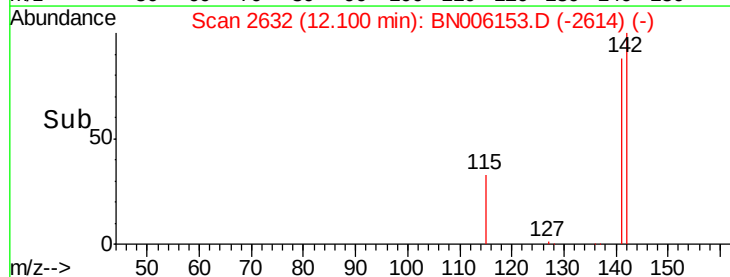
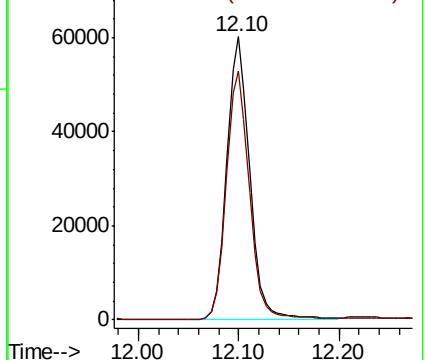
142 100

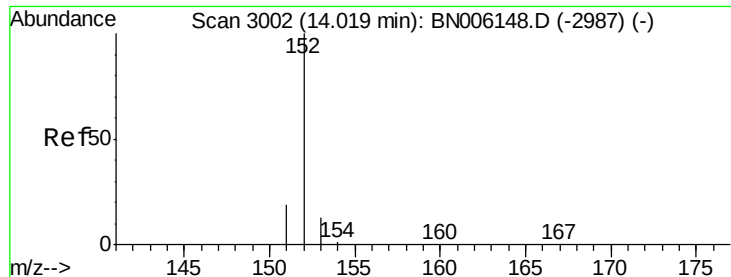
141 89.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.712 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

Instrument :

BNA_N

ClientSampleId :

C0AD0

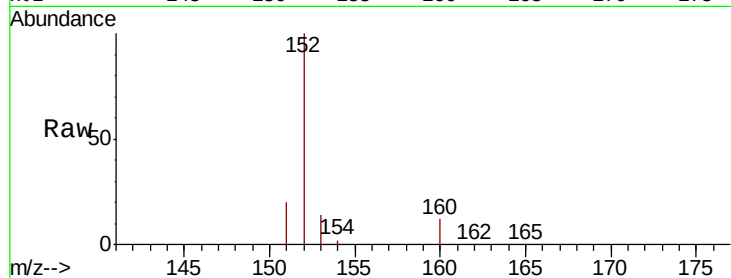
Tgt Ion:152 Resp: 179002

Ion Ratio Lower Upper

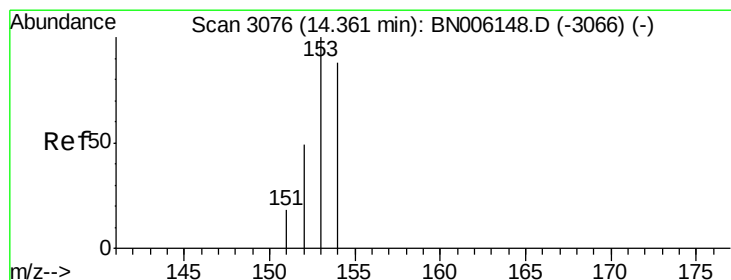
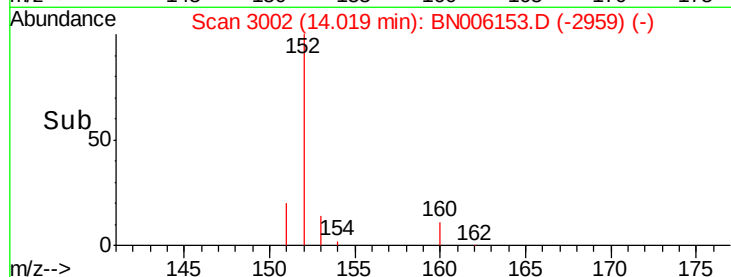
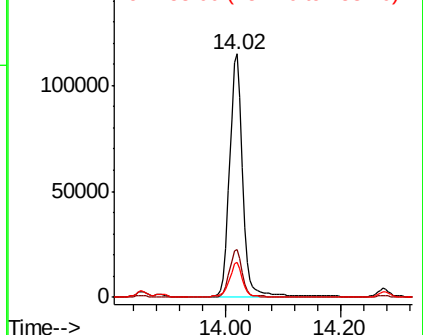
152 100

151 19.7 15.8 23.8

153 14.3 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: 4.876 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

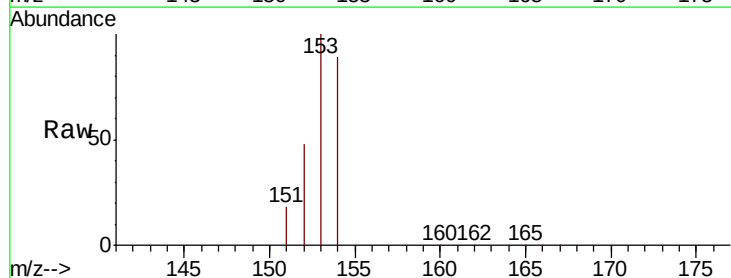
Tgt Ion:153 Resp: 223286

Ion Ratio Lower Upper

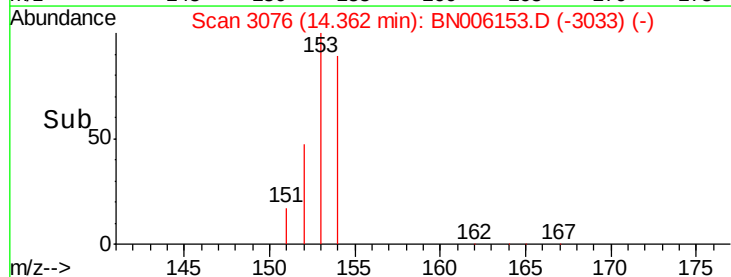
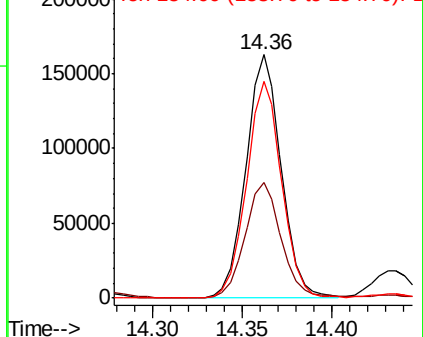
153 100

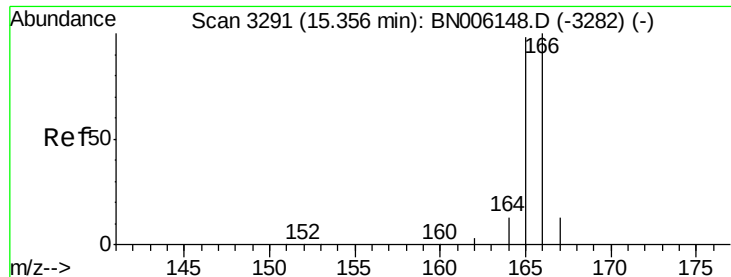
152 47.6 39.1 58.7

154 89.2 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

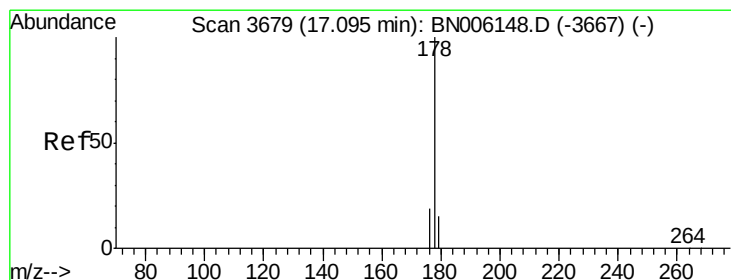
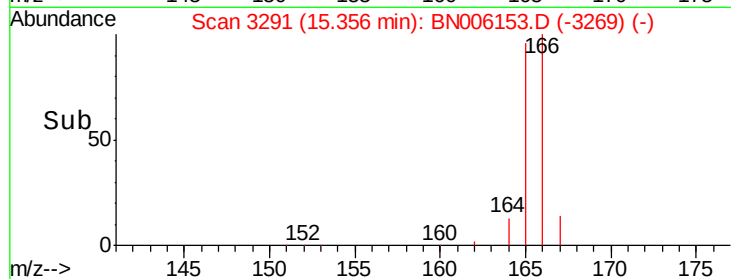
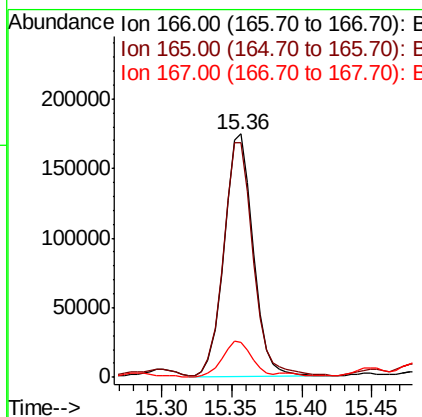
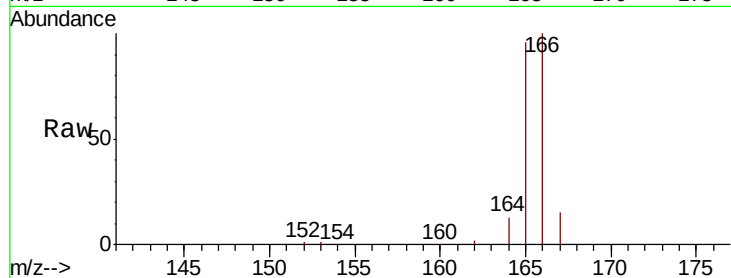




#9
Fluorene
 Concen: 4.678 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BN006153.D
 Acq: 07 Jun 2019 02:21

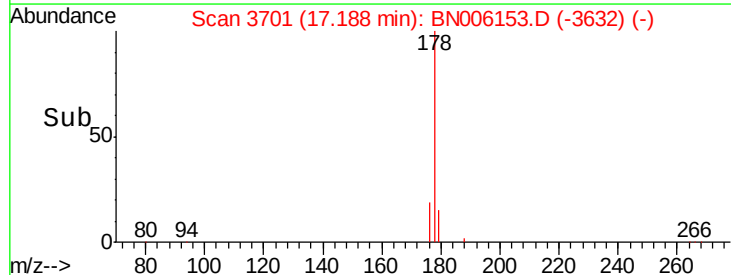
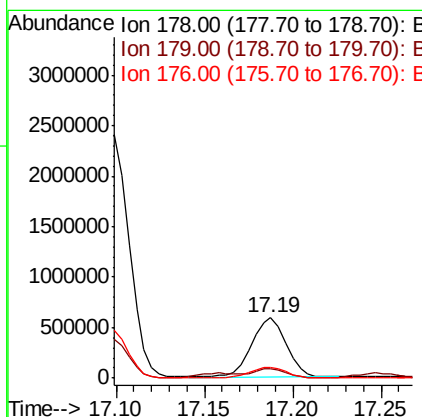
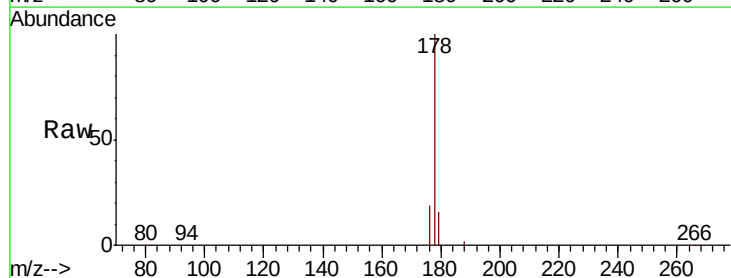
Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

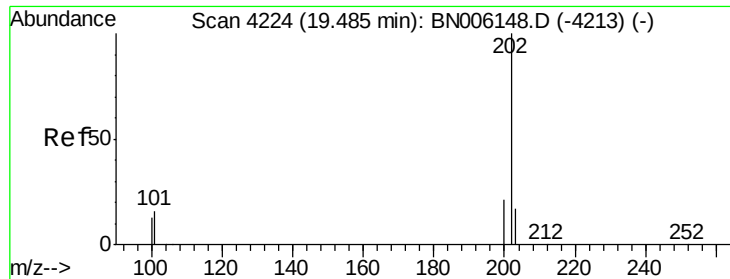
Tgt Ion:166 Resp: 250624
 Ion Ratio Lower Upper
 166 100
 165 96.3 76.4 114.6
 167 14.6 11.0 16.6



#12
Phenanthrene
 Concen: 0.188 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.09 min
 Lab File: BN006153.D
 Acq: 07 Jun 2019 02:21

Tgt Ion:178 Resp: 820385
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.6 15.3 22.9

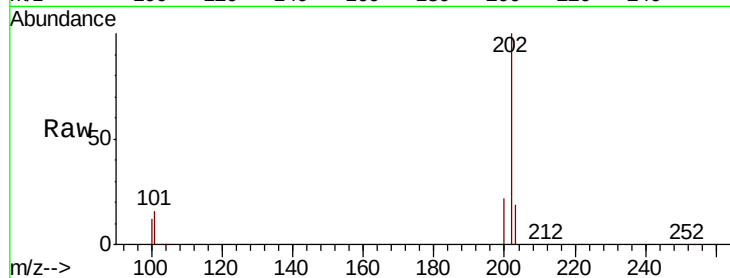




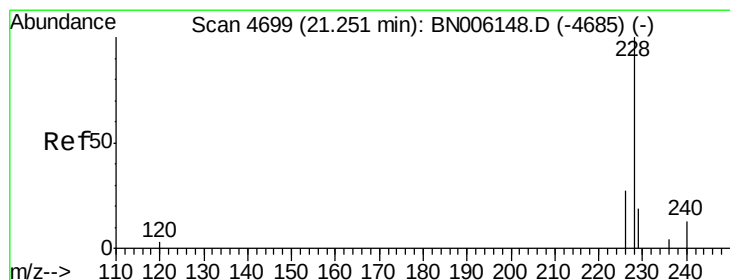
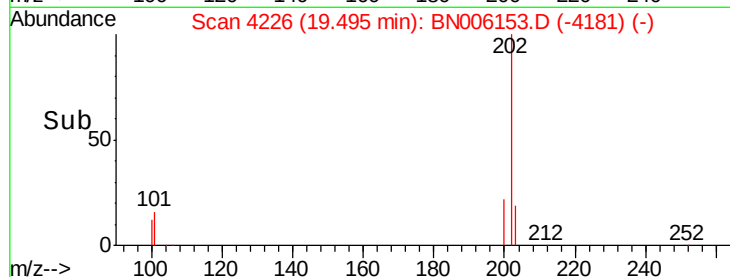
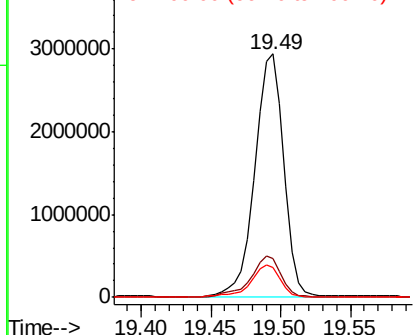
#17
 Pyrene
 Concen: 716.667 ng/ul
 RT: 19.49 min Scan# 4226
 Delta R.T. 0.01 min
 Lab File: BN006153.D
 Acq: 07 Jun 2019 02:21

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Tgt Ion:202 Resp: 4284617
 Ion Ratio Lower Upper
 202 100
 101 15.9 12.2 18.2
 100 12.4 9.8 14.6

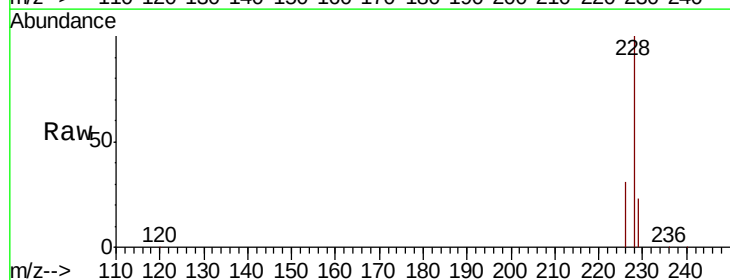


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

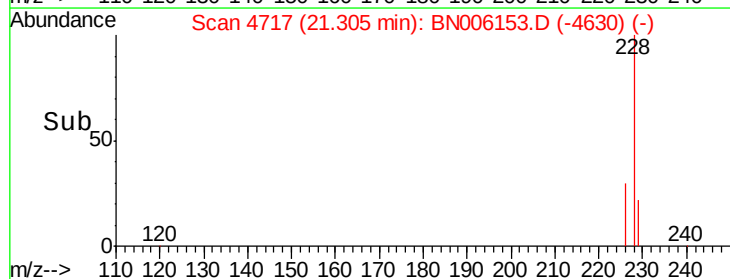
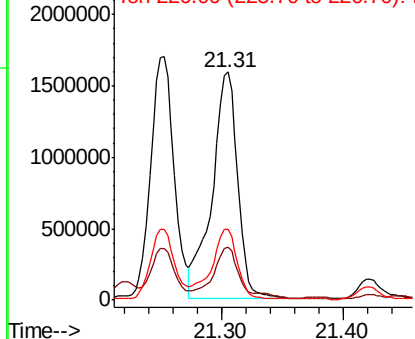


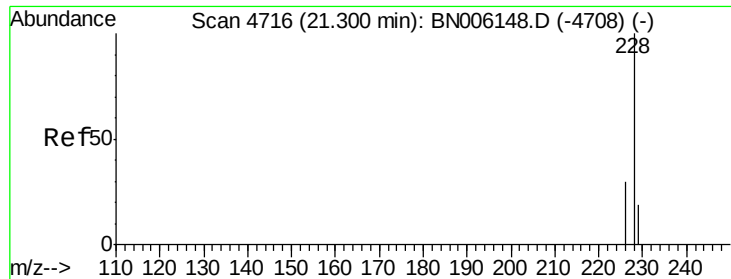
#18
 Benzo(a)anthracene
 Concen: 463.798 ng/ul
 RT: 21.31 min Scan# 4717
 Delta R.T. 0.05 min
 Lab File: BN006153.D
 Acq: 07 Jun 2019 02:21

Tgt Ion:228 Resp: 2328241
 Ion Ratio Lower Upper
 228 100
 229 23.0 16.5 24.7
 226 30.9 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: 494.046 ng/ul

RT: 21.31 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

Instrument :

BNA_N

ClientSampleId :

C0AD0

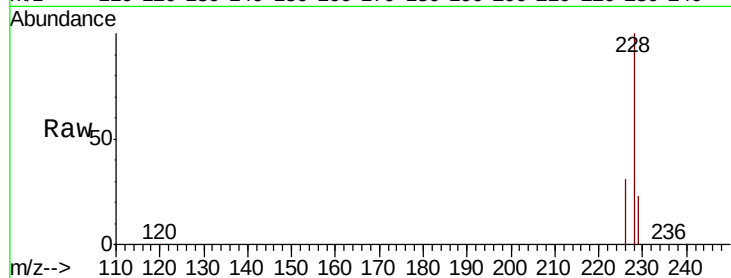
Tgt Ion:228 Resp: 2328241

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

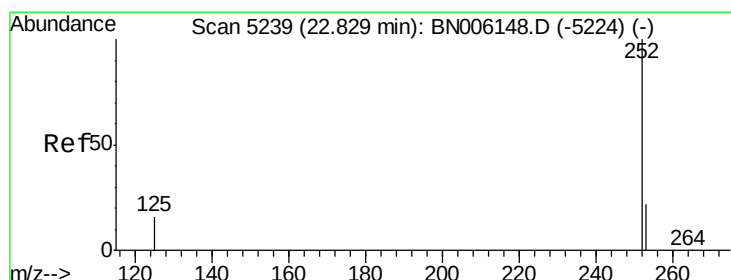
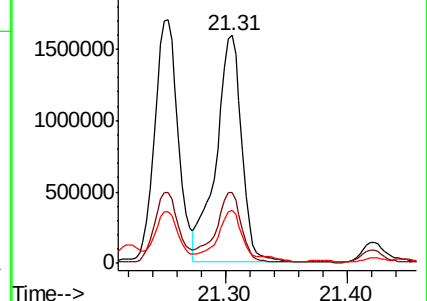
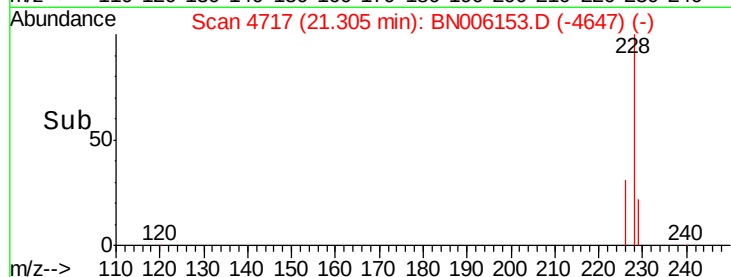
229 23.0 16.3 24.5



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: 8.112 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. 0.17 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

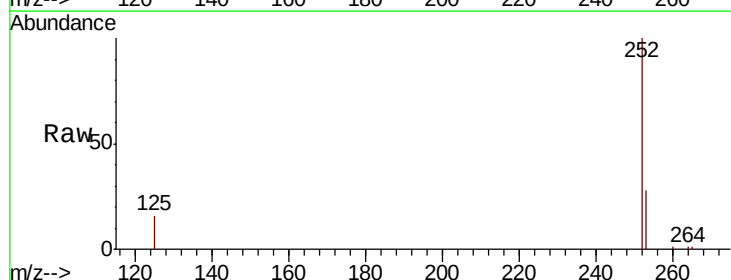
Tgt Ion:252 Resp: 431900

Ion Ratio Lower Upper

252 100

253 28.1 0.0 51.4

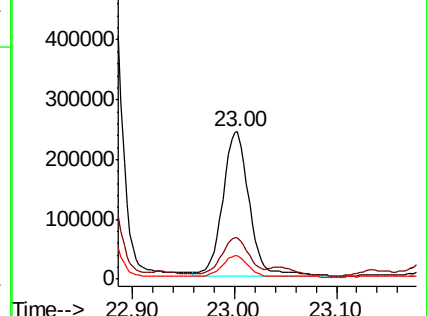
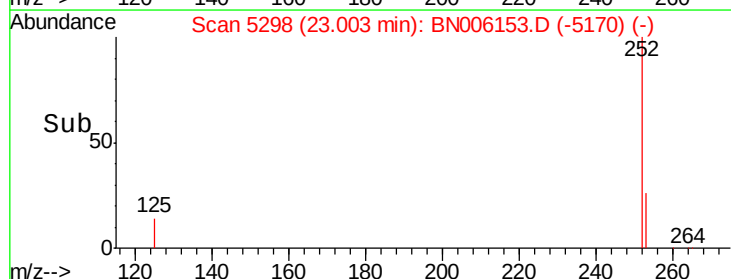
125 15.6 0.0 41.0

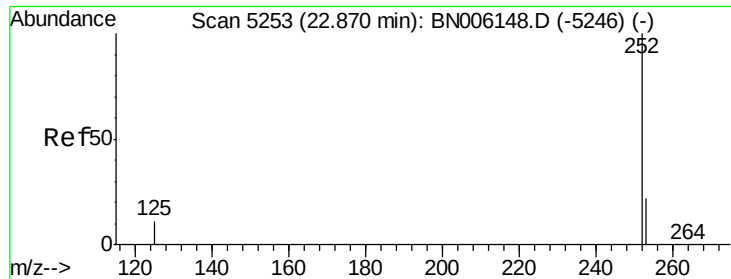


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 8.328 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. 0.13 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

Instrument :

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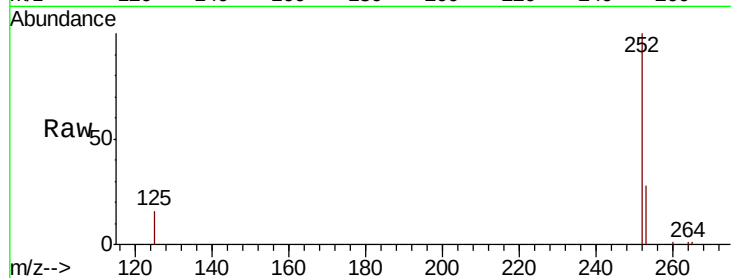
Tgt Ion:252 Resp: 431900

Ion Ratio Lower Upper

252 100

253 28.1 20.3 30.5

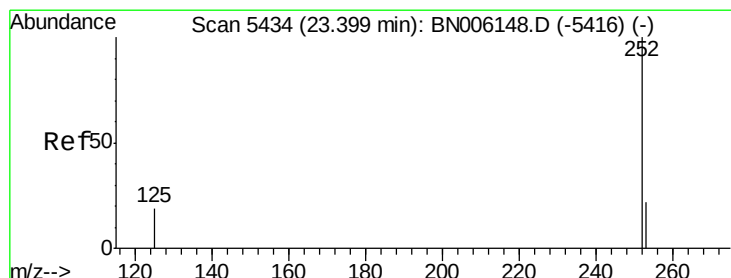
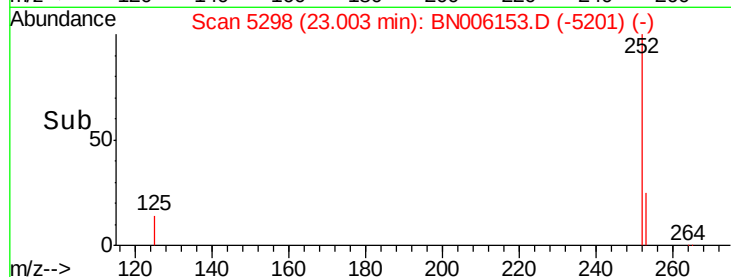
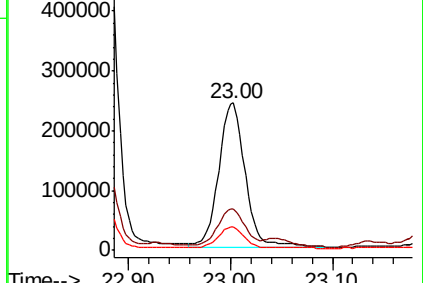
125 15.6 14.3 21.5



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: 9.431 ng/ul

RT: 23.54 min Scan# 5483

Delta R.T. 0.15 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

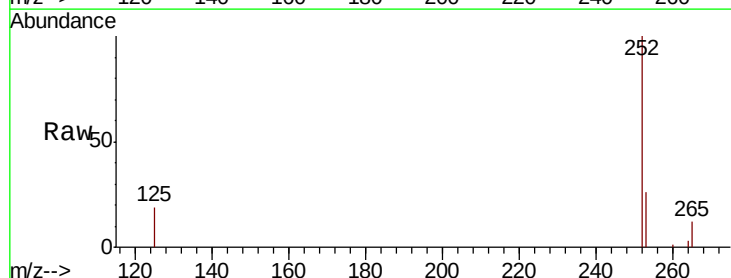
Tgt Ion:252 Resp: 467645

Ion Ratio Lower Upper

252 100

253 25.6 21.1 31.7

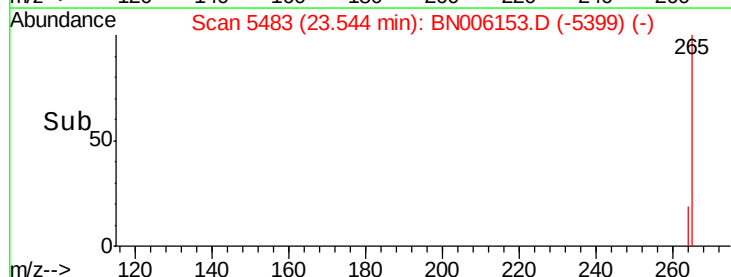
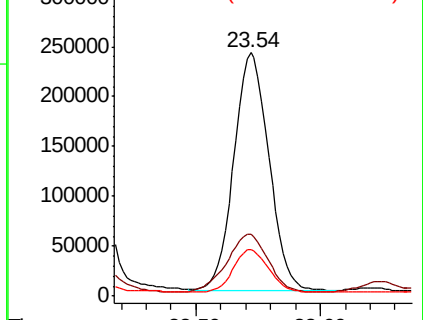
125 19.4 20.3 30.5#

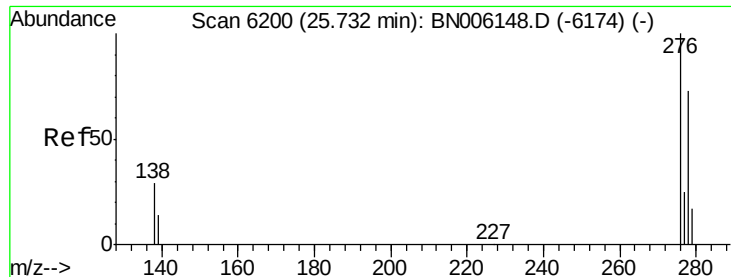


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.694 ng/ul

RT: 25.84 min Scan# 6232

Delta R.T. 0.11 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

Instrument :

BNA_N

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C0AD0

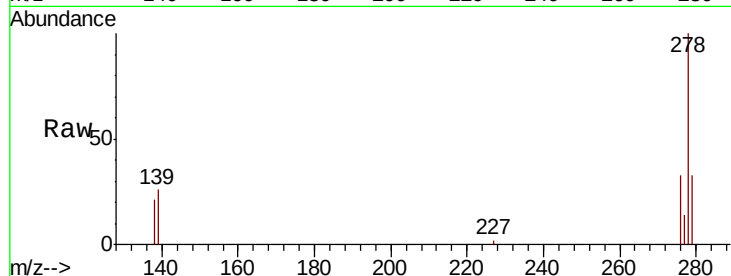
Tgt Ion:276 Resp: 37261

Ion Ratio Lower Upper

276 100

138 61.0 25.6 38.4#

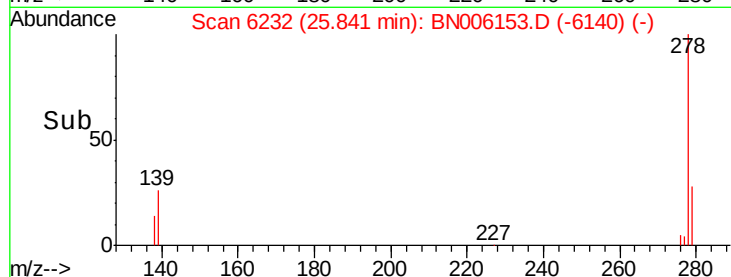
227 0.5 0.3 0.5#



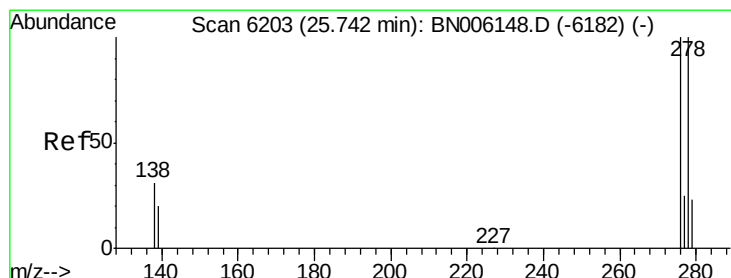
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#25

Dibenzo(a,h)anthracene

Concen: 3.048 ng/ul

RT: 25.84 min Scan# 6232

Delta R.T. 0.10 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

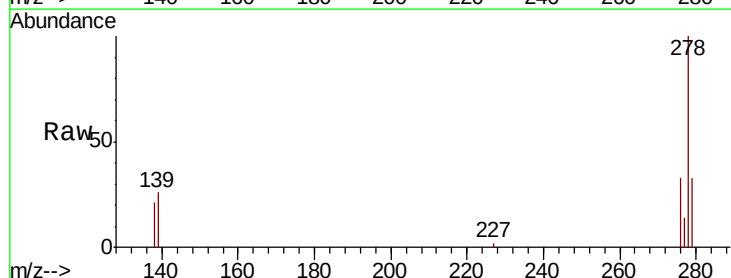
Tgt Ion:278 Resp: 130802

Ion Ratio Lower Upper

278 100

139 25.9 21.2 31.8

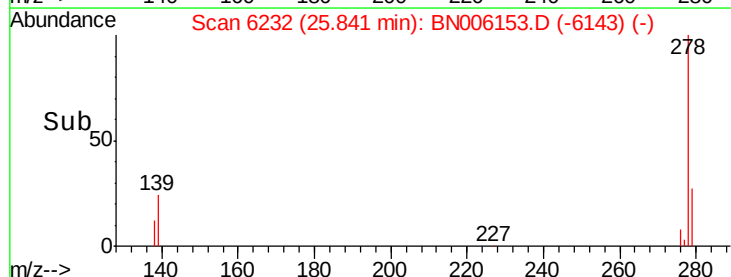
279 32.8 22.6 33.8



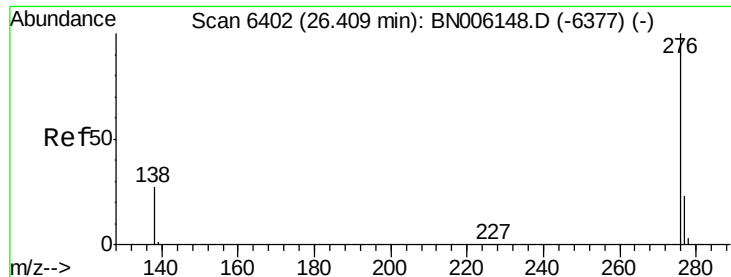
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 20.861 ng/ul

RT: 26.42 min Scan# 6405

Delta R.T. 0.01 min

Lab File: BN006153.D

Acq: 07 Jun 2019 02:21

Instrument :

BNA_N

ClientSampleId :

C0AD0

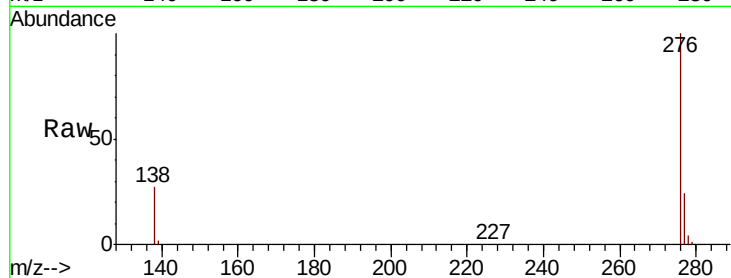
Tgt Ion: 276 Resp: 937792

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

