

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Quant Time: Jun 07 00:28:51 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 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	10586	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	41409	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	23812	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1951435	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	3174	0.40	ng/ul	0.11
20) Perylene-d12	23.62	264	29667	0.40	ng/ul	0.06

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	13934	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	2235	0.00	ng/ul	0.08

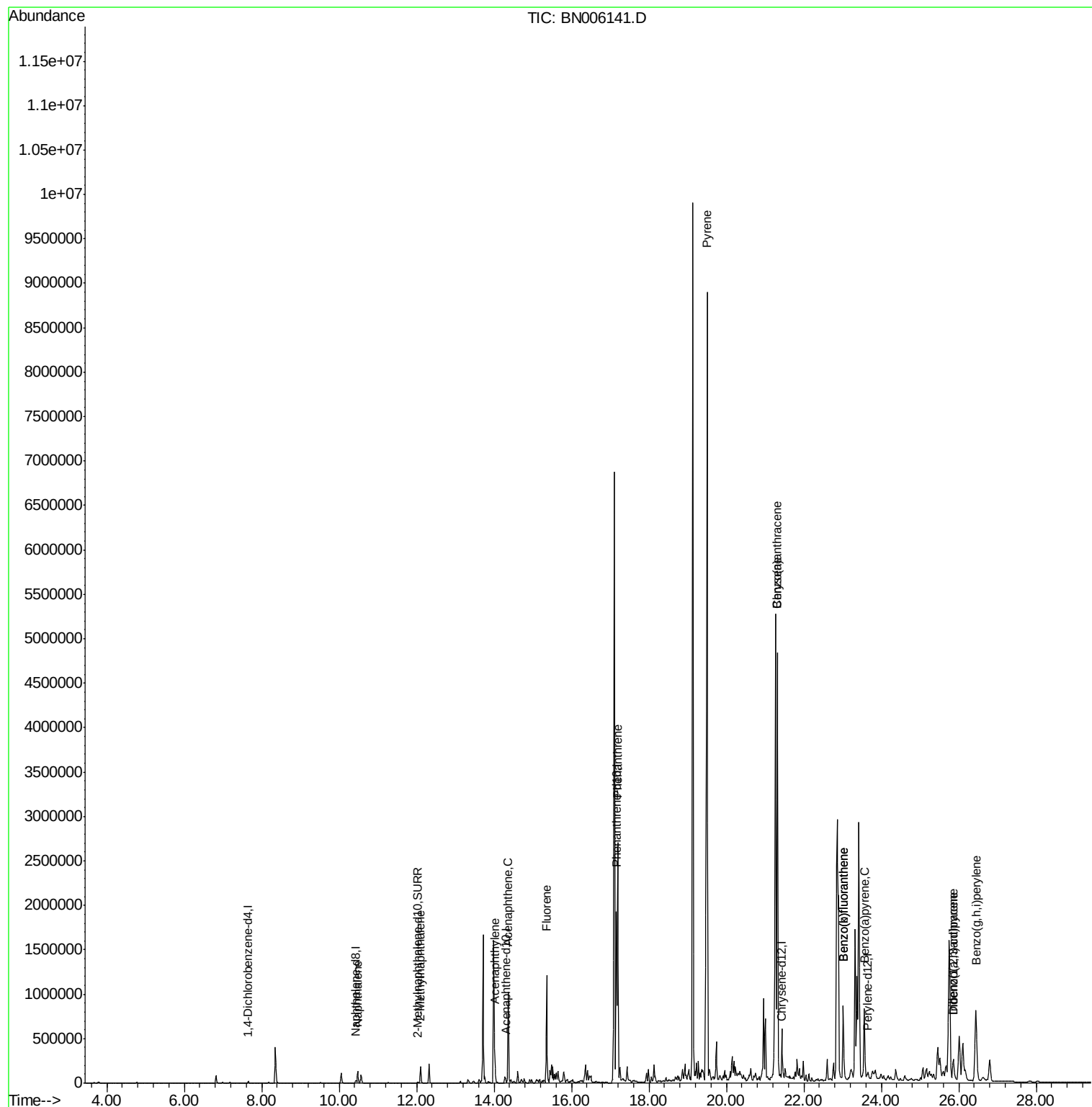
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	176560	1.545	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	144848	1.819	ng/ul	100
7) Acenaphthylene	14.02	152	312964	2.365	ng/ul	99
8) Acenaphthene	14.36	153	591936	6.447	ng/ul	99
9) Fluorene	15.36	166	738991	6.879	ng/ul	98
12) Phenanthrene	17.19	178	2790525	0.445	ng/ul	99
17) Pyrene	19.50	202	8033161	480.486	ng/ul	94
18) Benzo(a)anthracene	21.31	228	4627269	329.621	ng/ul	93
19) Chrysene	21.31	228	4627269	351.118	ng/ul	96
21) Benzo(b)fluoranthene	23.02	252	1040081	8.408	ng/ul	92
22) Benzo(k)fluoranthene	23.02	252	1040081	8.632	ng/ul	94
23) Benzo(a)pyrene	23.56	252	980033	8.506	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.86	276	86775	0.696	ng/ul#	48
25) Dibenzo(a,h)anthracene	25.86	278	317696	3.187	ng/ul	95
26) Benzo(g,h,i)perylene	26.44	276	1657399	15.868	ng/ul	94

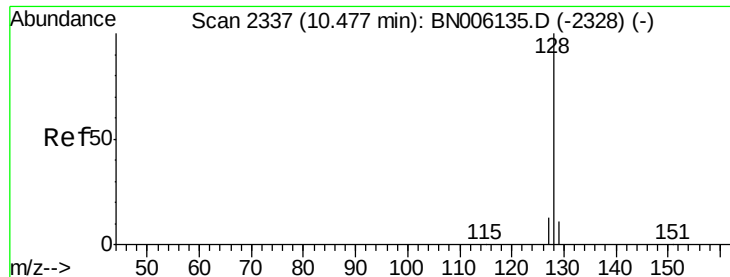
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.545 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampleId :

C0AD1

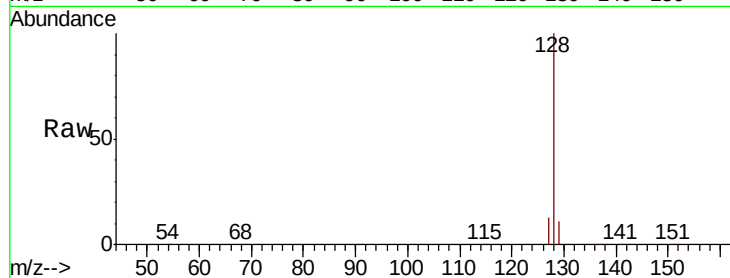
Tgt Ion:128 Resp: 176560

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

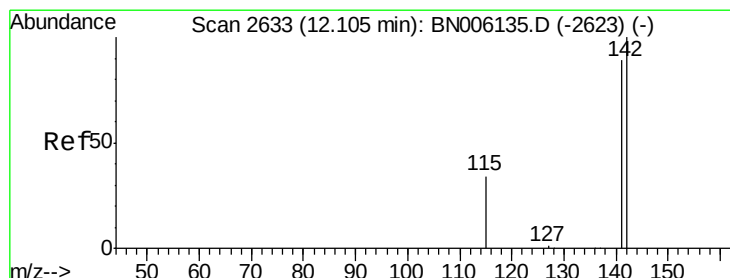
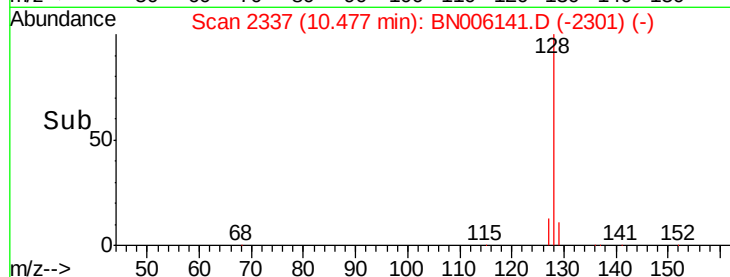
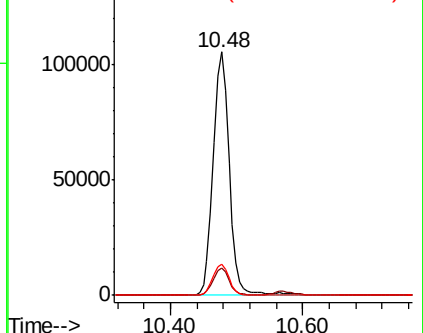
127 12.9 10.7 16.1



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: 1.819 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006141.D

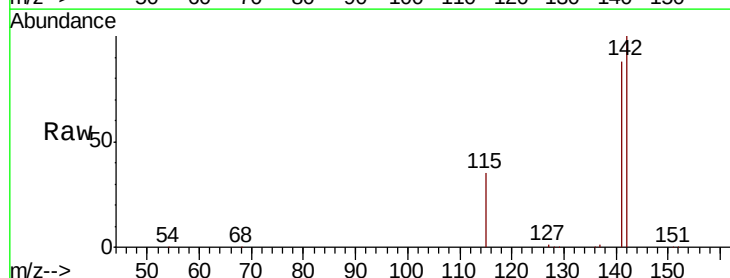
Acq: 06 Jun 2019 18:16

Tgt Ion:142 Resp: 144848

Ion Ratio Lower Upper

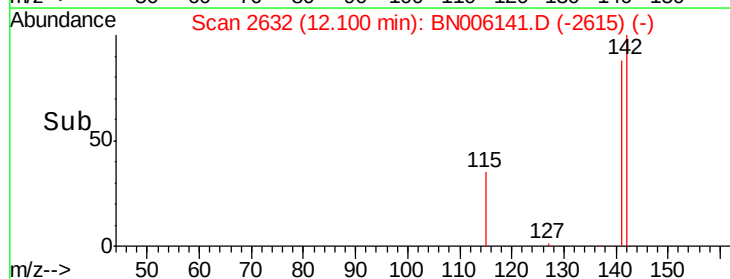
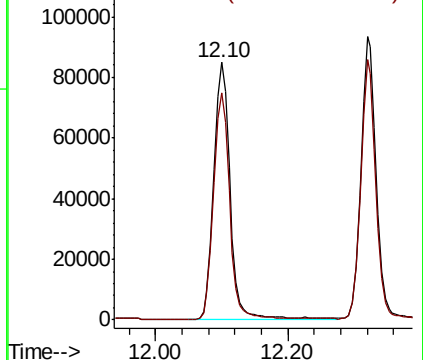
142 100

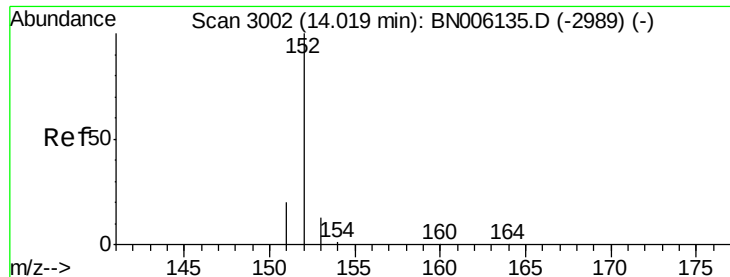
141 87.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.365 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampleId :

C0AD1

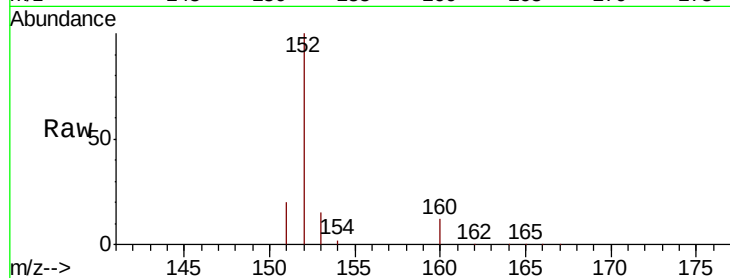
Tgt Ion:152 Resp: 312964

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

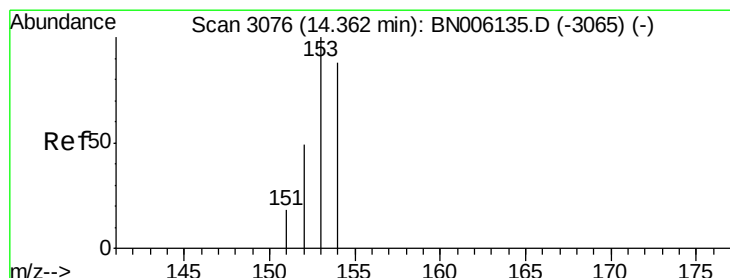
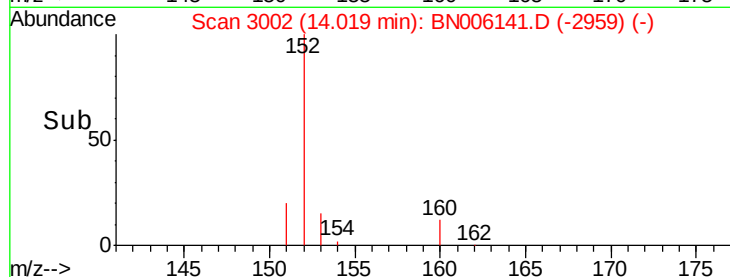
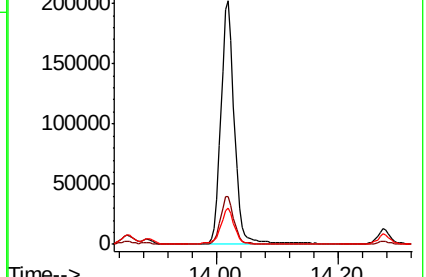
153 14.8 10.8 16.2



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: 6.447 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

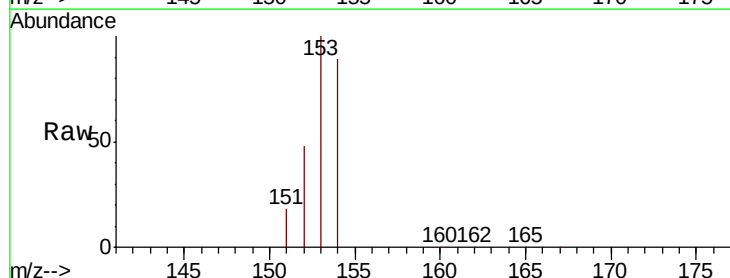
Tgt Ion:153 Resp: 591936

Ion Ratio Lower Upper

153 100

152 47.9 39.1 58.7

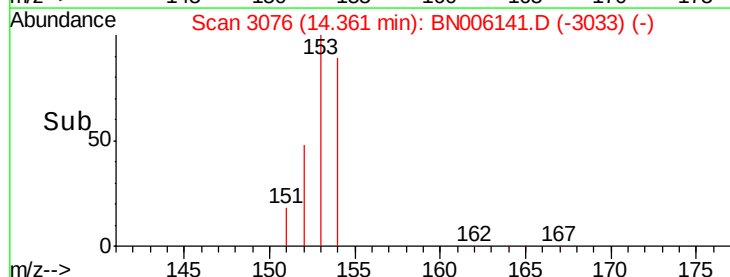
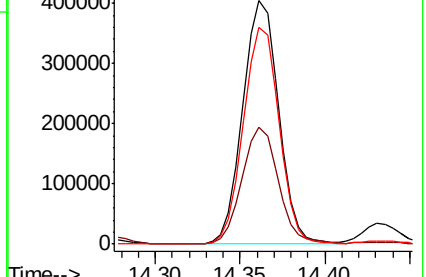
154 89.1 71.1 106.7

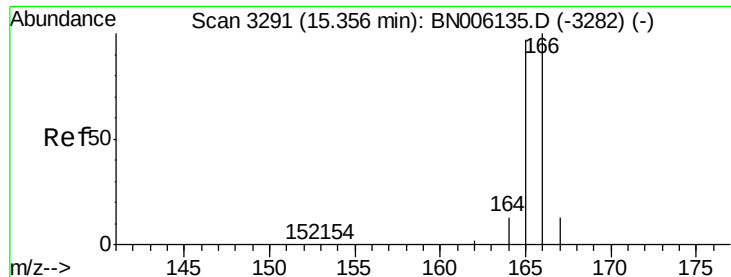


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

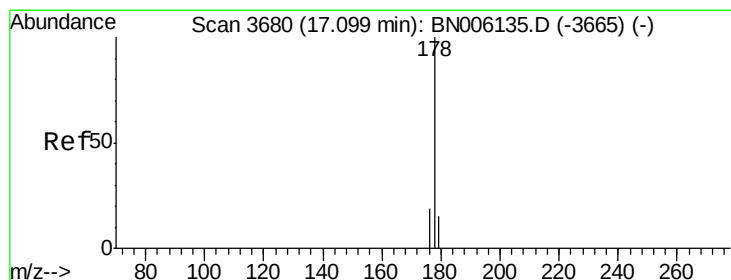
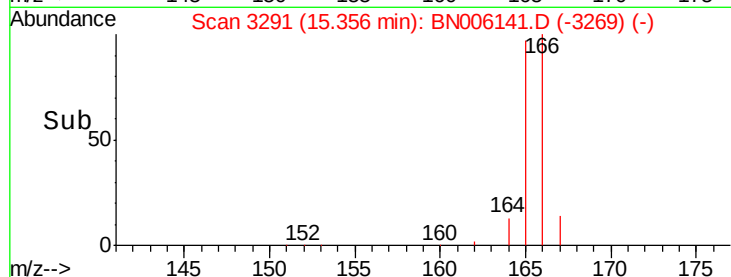
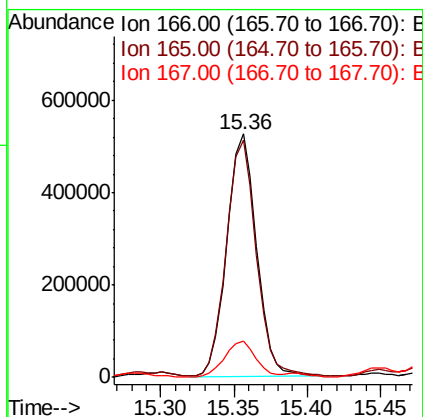
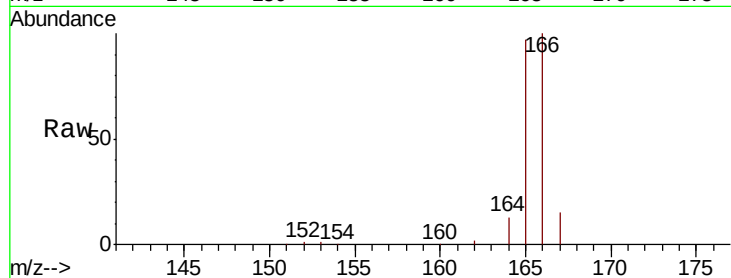




#9
Fluorene
 Concen: 6.879 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN006141.D
 Acq: 06 Jun 2019 18:16

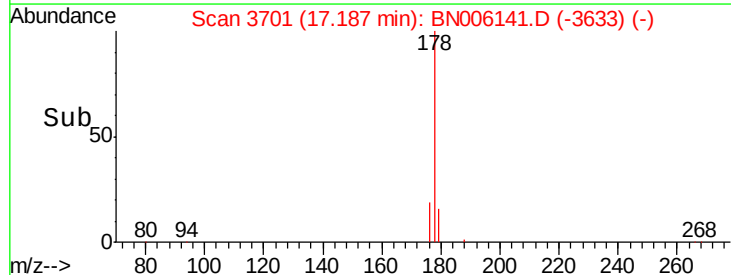
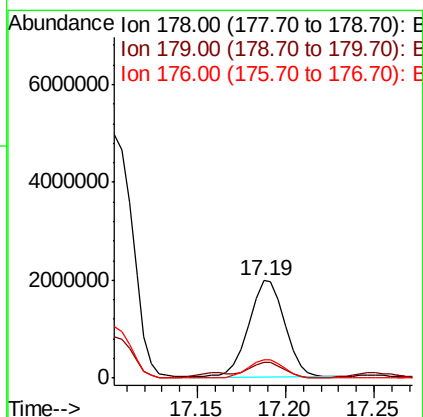
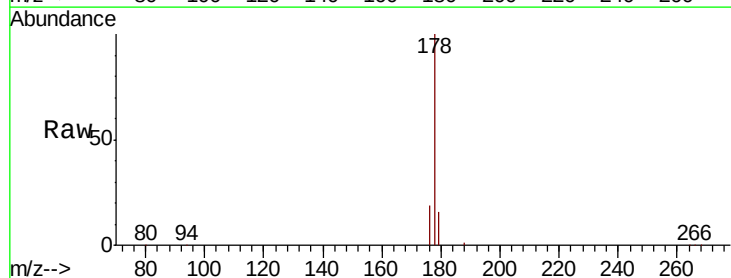
Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

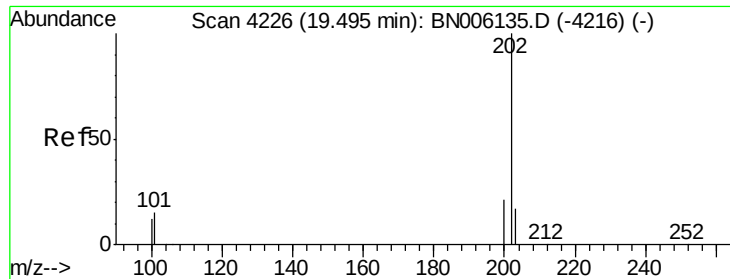
Tgt Ion:166 Resp: 738991
 Ion Ratio Lower Upper
 166 100
 165 97.2 76.4 114.6
 167 14.7 11.0 16.6



#12
Phenanthrene
 Concen: 0.445 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.09 min
 Lab File: BN006141.D
 Acq: 06 Jun 2019 18:16

Tgt Ion:178 Resp: 2790525
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.3 18.5
 176 19.3 15.3 22.9

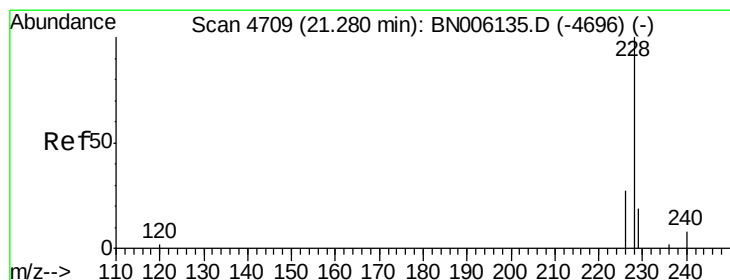
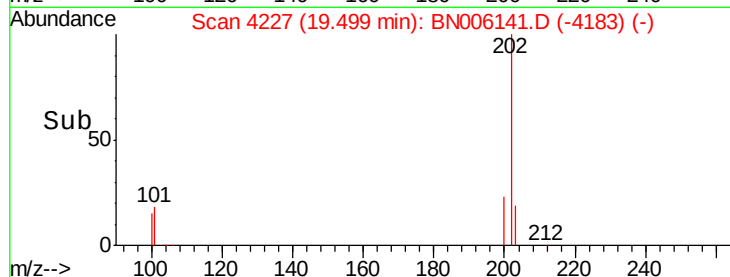
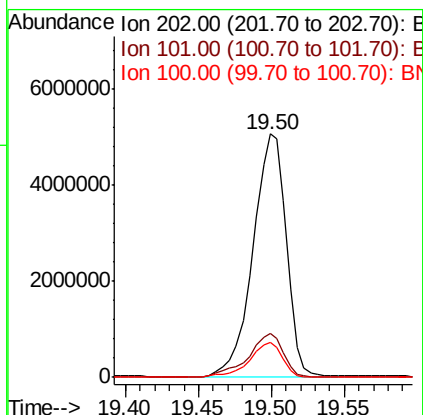
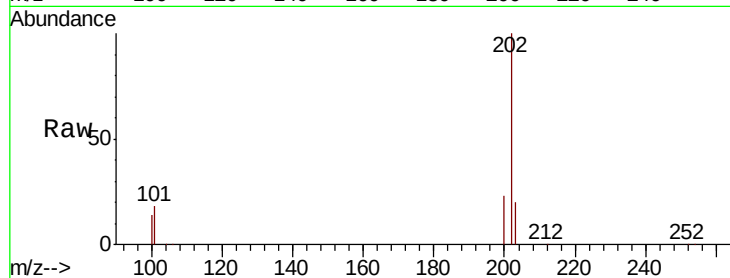




#17
 Pyrene
 Concen: 480.486 ng/ul
 RT: 19.50 min Scan# 4227
 Delta R.T. 0.00 min
 Lab File: BN006141.D
 Acq: 06 Jun 2019 18:16

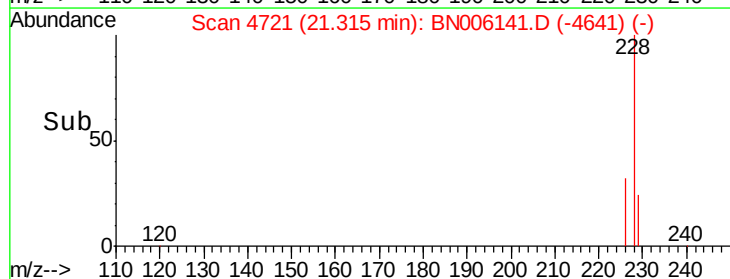
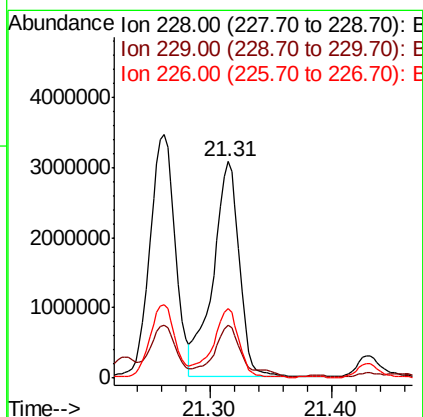
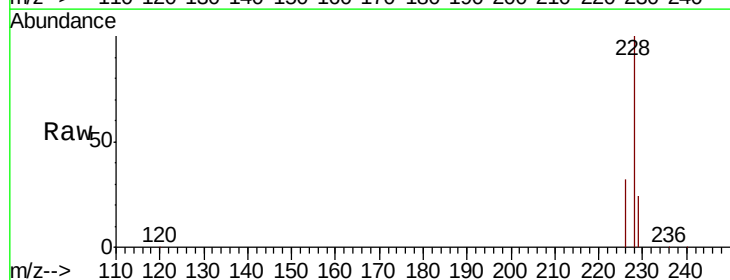
Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

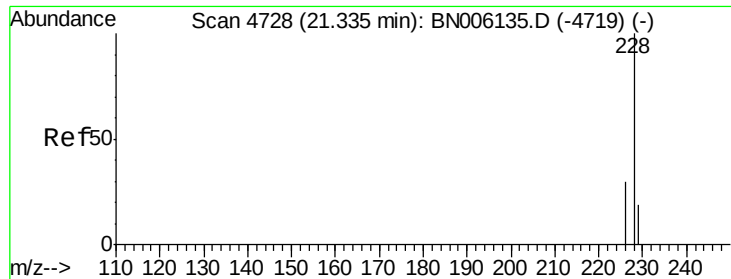
Tgt Ion:202 Resp: 8033161
 Ion Ratio Lower Upper
 202 100
 101 18.1 12.2 18.2
 100 14.5 9.8 14.6



#18
 Benzo(a)anthracene
 Concen: 329.621 ng/ul
 RT: 21.31 min Scan# 4721
 Delta R.T. 0.03 min
 Lab File: BN006141.D
 Acq: 06 Jun 2019 18:16

Tgt Ion:228 Resp: 4627269
 Ion Ratio Lower Upper
 228 100
 229 24.3 16.5 24.7
 226 32.2 22.8 34.2





#19

Chrysene

Concen: 351.118 ng/ul

RT: 21.31 min Scan# 4721

Delta R.T. -0.02 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampleId :

C0AD1

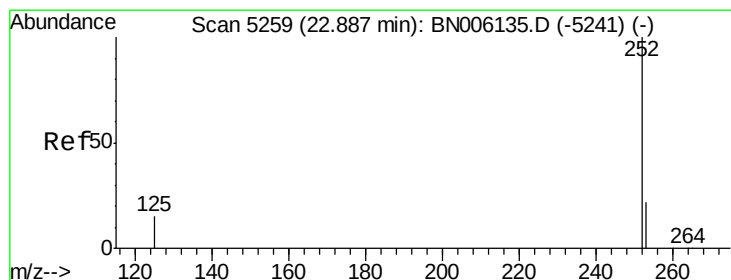
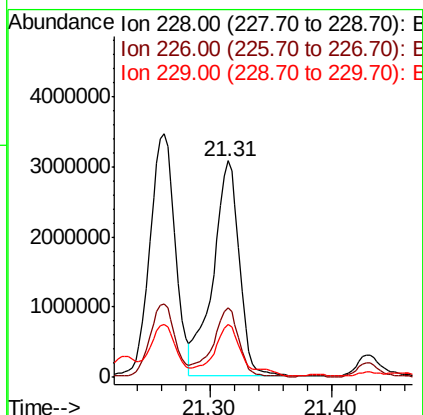
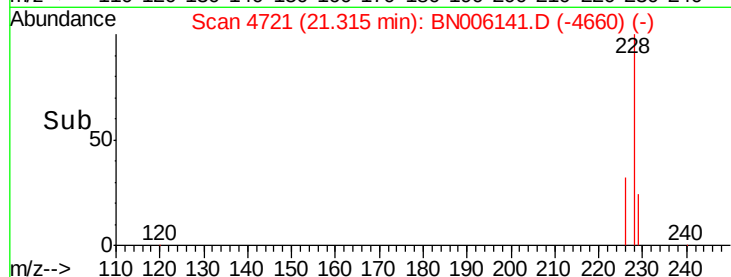
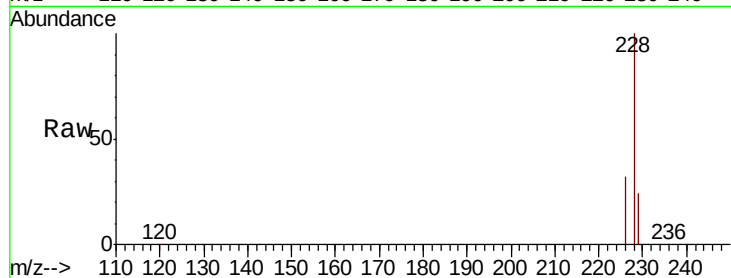
Tgt Ion:228 Resp: 4627269

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

229 24.3 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 8.408 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. 0.13 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

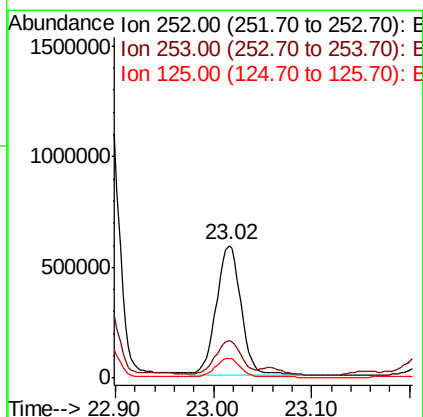
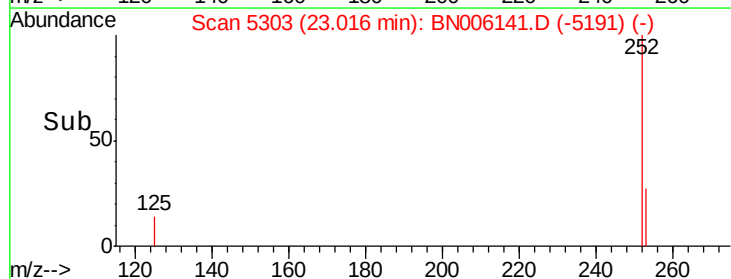
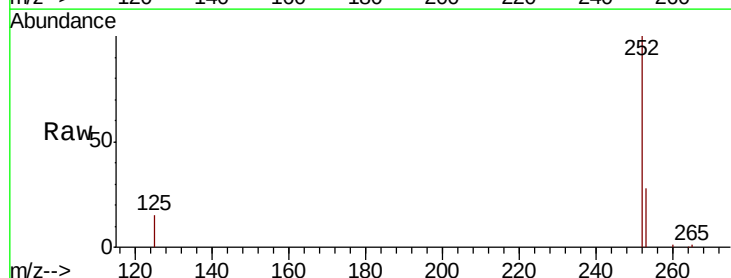
Tgt Ion:252 Resp: 1040081

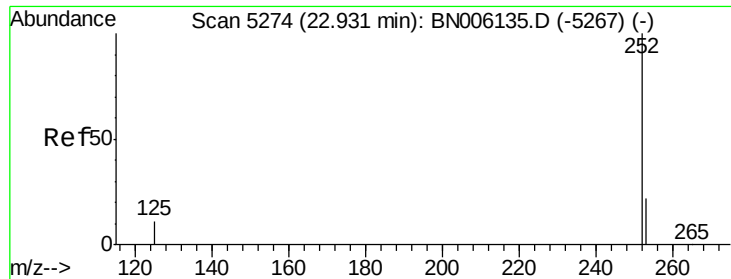
Ion Ratio Lower Upper

252 100

253 28.2 0.0 51.4

125 15.2 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 8.632 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. 0.08 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampled :

C0AD1

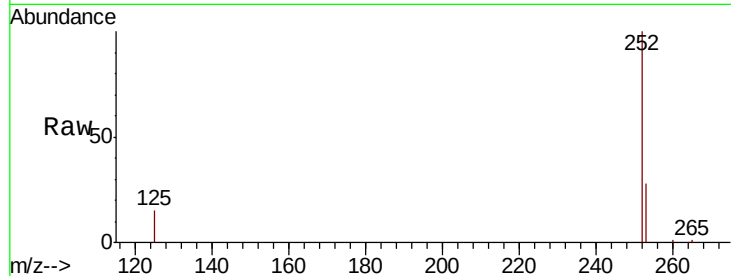
Tgt Ion:252 Resp: 1040081

Ion Ratio Lower Upper

252 100

253 28.2 20.3 30.5

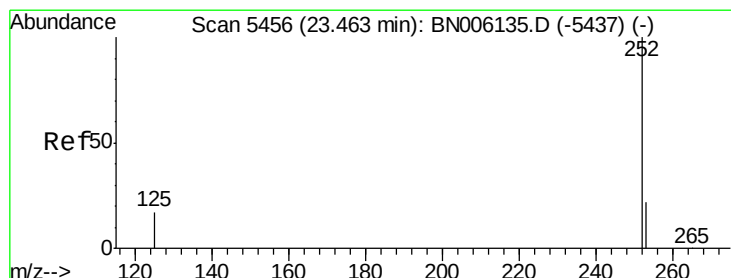
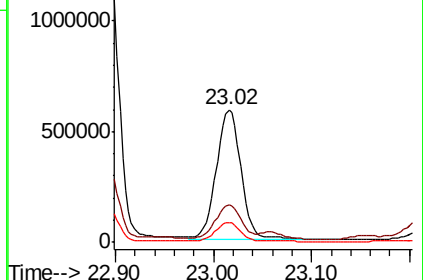
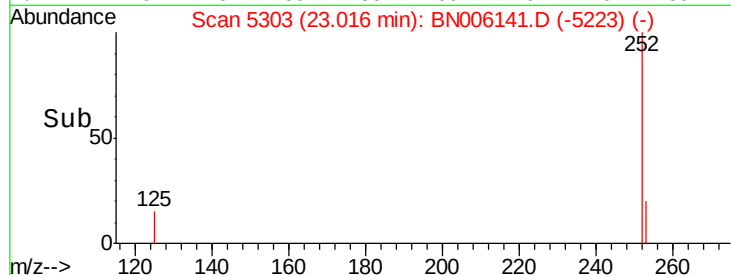
125 15.2 14.3 21.5



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: 8.506 ng/ul

RT: 23.56 min Scan# 5489

Delta R.T. 0.10 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

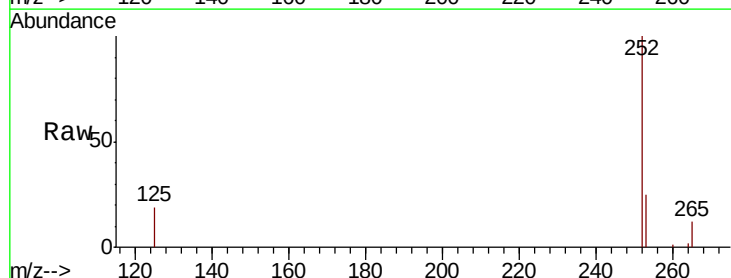
Tgt Ion:252 Resp: 980033

Ion Ratio Lower Upper

252 100

253 25.1 21.1 31.7

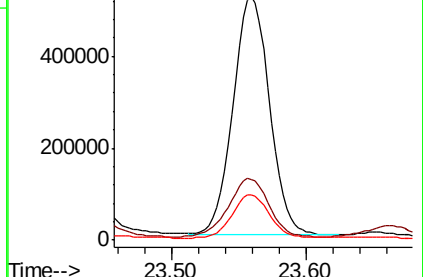
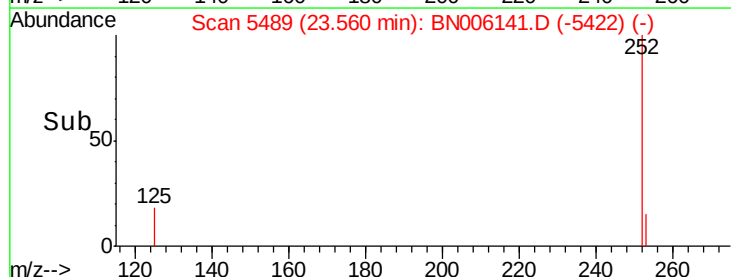
125 18.7 20.3 30.5#

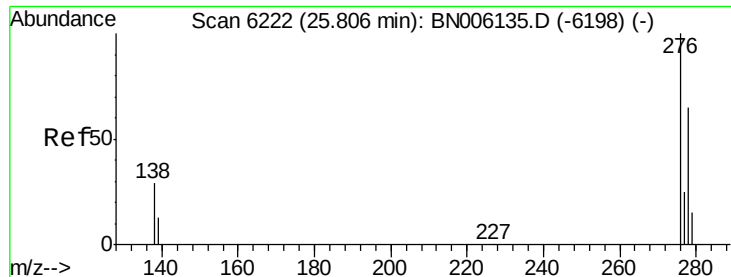


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.696 ng/ul

RT: 25.86 min Scan# 6237

Delta R.T. 0.05 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

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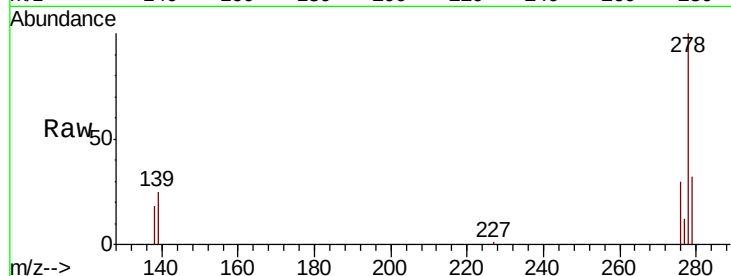
Tgt Ion:276 Resp: 86775

Ion Ratio Lower Upper

276 100

138 61.2 25.6 38.4#

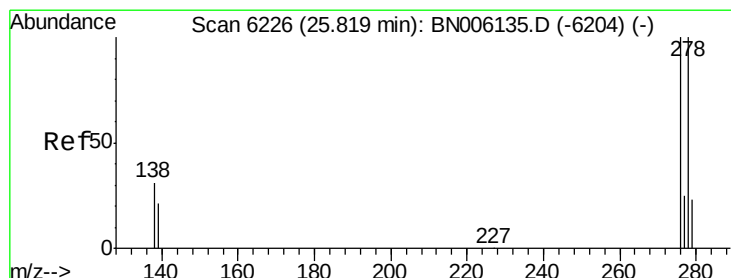
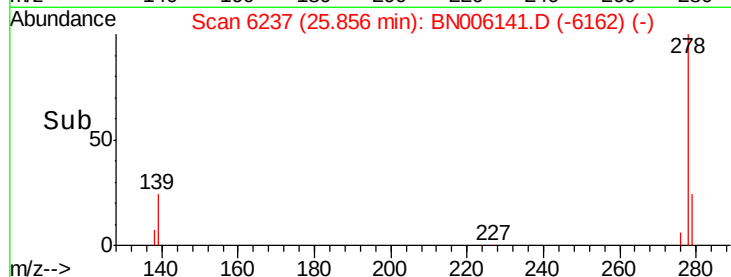
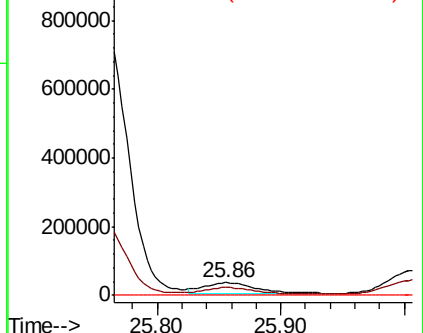
227 1.6 0.3 0.5#



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: 3.187 ng/ul

RT: 25.86 min Scan# 6237

Delta R.T. 0.04 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

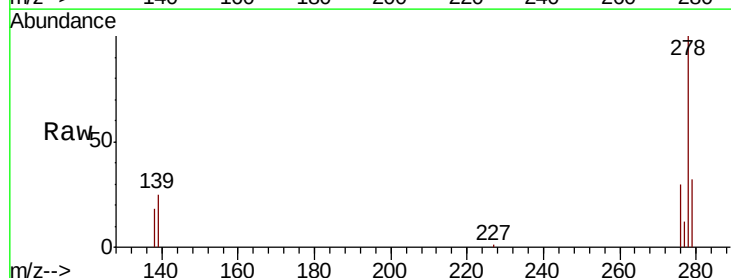
Tgt Ion:278 Resp: 317696

Ion Ratio Lower Upper

278 100

139 24.6 21.2 31.8

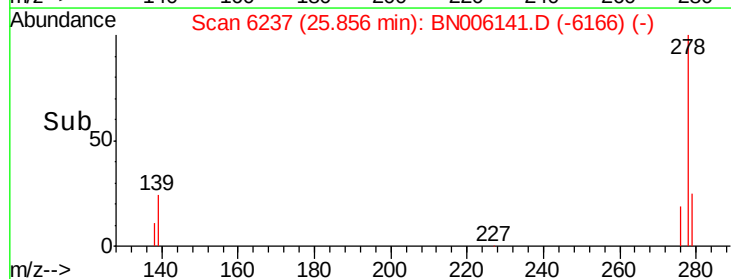
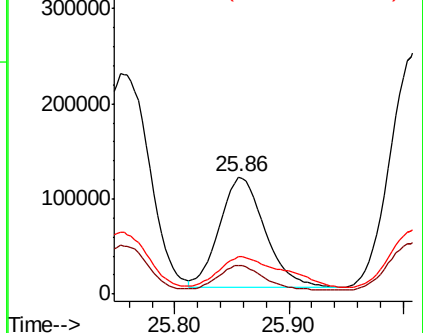
279 31.7 22.6 33.8

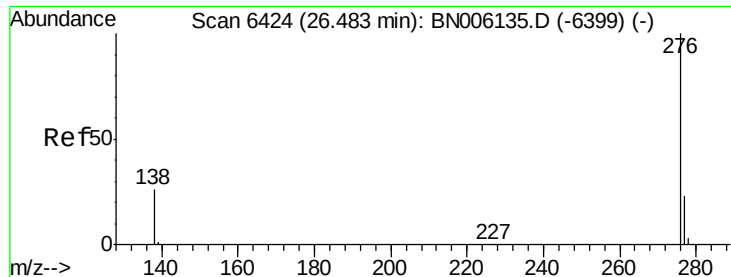


Abundance Ion 278.00 (277.70 to 278.70): E

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: 15.868 ng/ul

RT: 26.44 min Scan# 6411

Delta R.T. -0.04 min

Lab File: BN006141.D

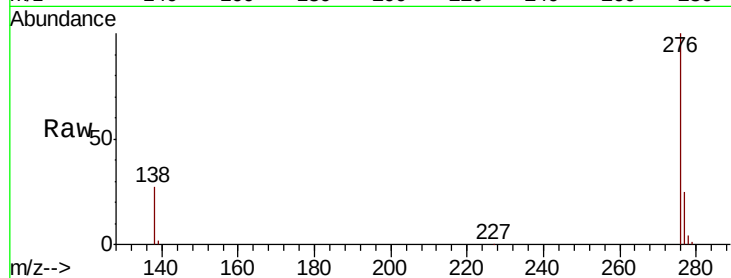
Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampleId :

C0AD1



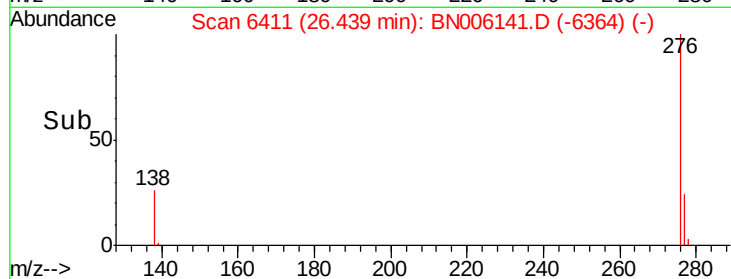
Tgt Ion: 276 Resp: 1657399

Ion Ratio Lower Upper

276 100

138 26.7 24.2 36.4

277 24.6 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

