

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006143.D
 Acq On : 06 Jun 2019 19:26
 Operator : JU/SJ
 Sample : K3201-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Quant Time: Jun 07 00:29:07 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

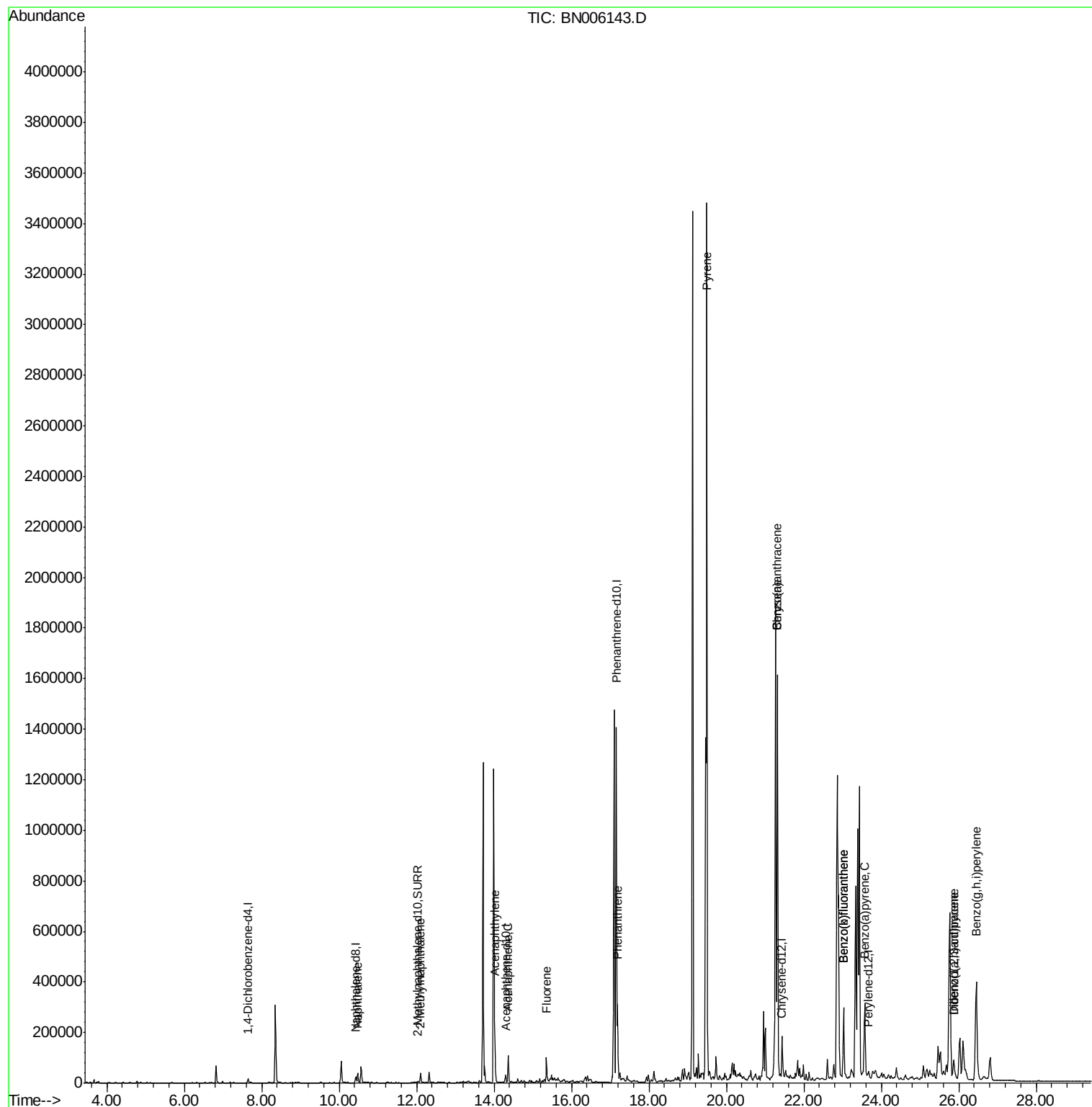
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8378	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	31611	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	16313	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1519819	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	681	0.40	ng/ul	0.12
20) Perylene-d12	23.66	264	9598	0.40	ng/ul	0.11
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10360	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	545	0.00	ng/ul	0.09
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	51533	0.591	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	28703	0.472	ng/ul	99
7) Acenaphthylene	14.02	152	177362	1.956	ng/ul	99
8) Acenaphthene	14.36	153	59877	0.952	ng/ul	99
9) Fluorene	15.36	166	63111	0.858	ng/ul#	98
12) Phenanthrene	17.19	178	302577	0.062	ng/ul	99
17) Pyrene	19.49	202	2861985	797.851	ng/ul	99
18) Benzo(a)anthracene	21.31	228	1646239	546.566	ng/ul	96
19) Chrysene	21.31	228	1646099	582.163	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	348703	8.713	ng/ul	94
22) Benzo(k)fluoranthene	23.02	252	348474	8.939	ng/ul	96
23) Benzo(a)pyrene	23.57	252	363528	9.753	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.87	276	29691	0.736	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.87	278	102196	3.169	ng/ul	96
26) Benzo(g,h,i)perylene	26.45	276	745815	22.071	ng/ul	94

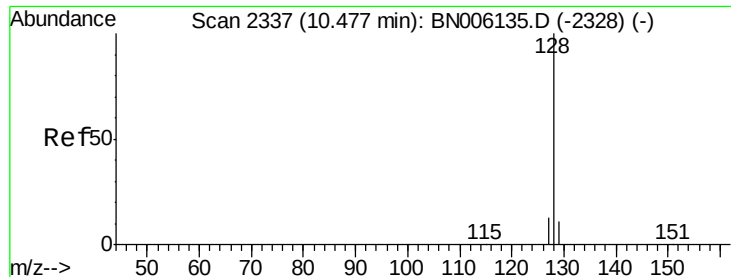
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.591 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

C0AC3

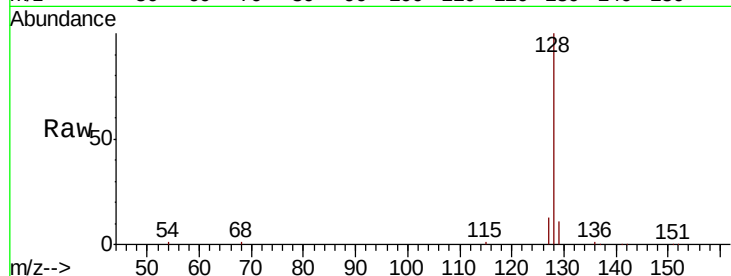
Tgt Ion:128 Resp: 51533

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

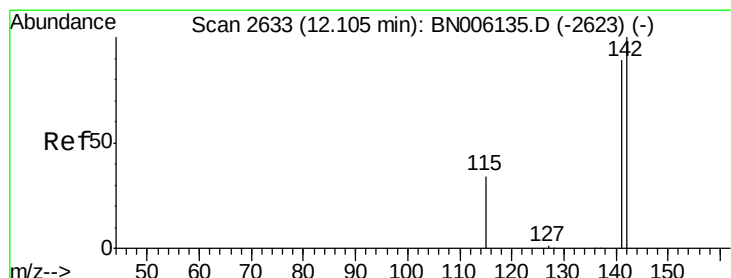
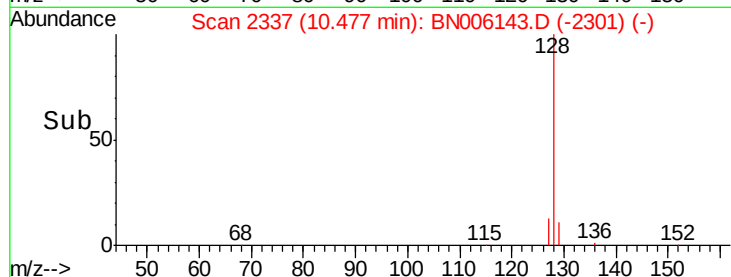
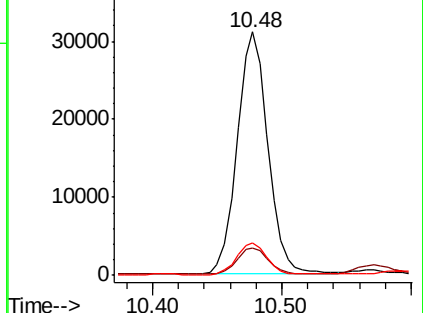
127 13.2 10.7 16.1



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: 0.472 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006143.D

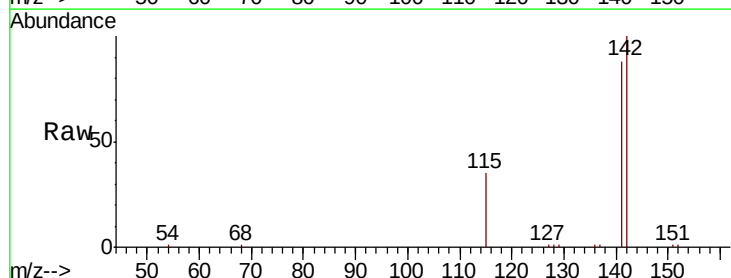
Acq: 06 Jun 2019 19:26

Tgt Ion:142 Resp: 28703

Ion Ratio Lower Upper

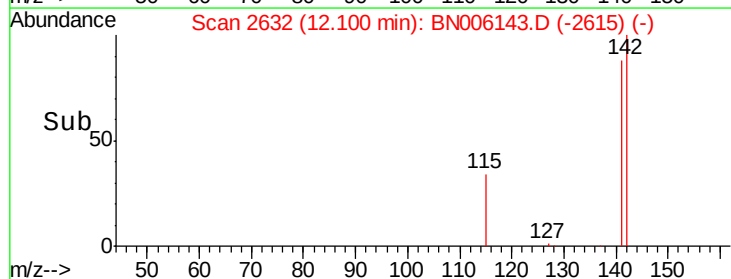
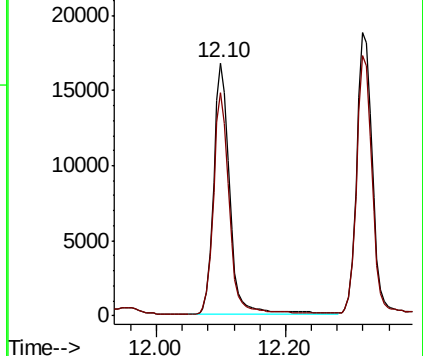
142 100

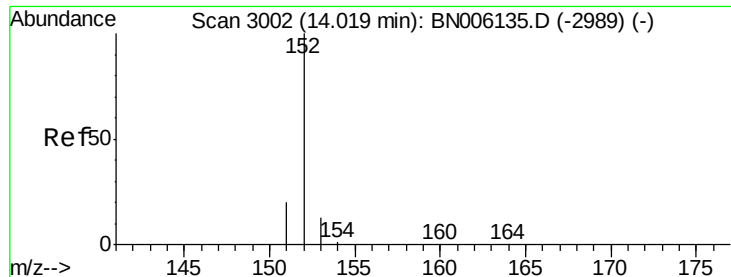
141 87.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.956 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

C0AC3

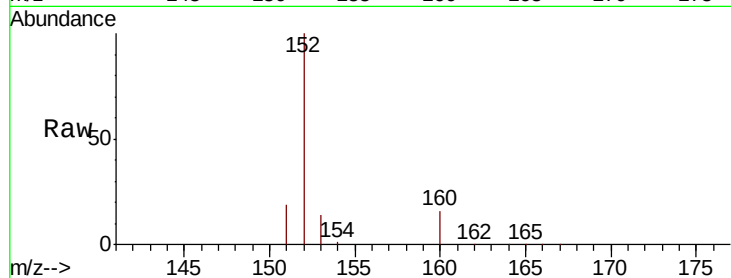
Tgt Ion:152 Resp: 177362

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

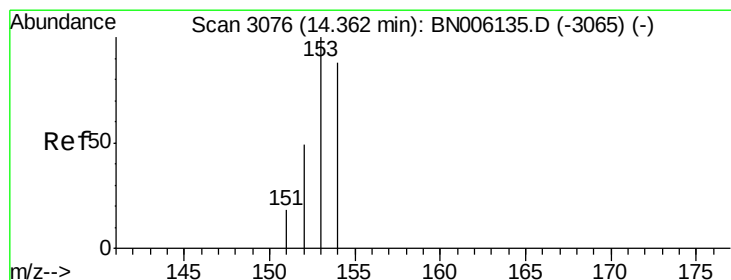
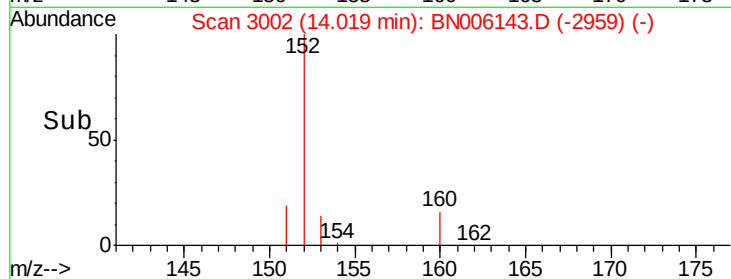
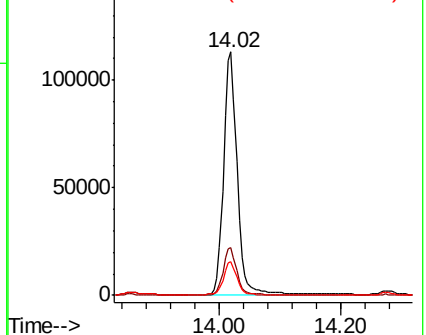
153 13.6 10.8 16.2



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: 0.952 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

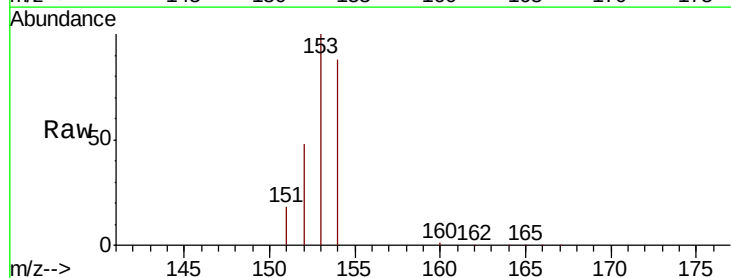
Tgt Ion:153 Resp: 59877

Ion Ratio Lower Upper

153 100

152 48.4 39.1 58.7

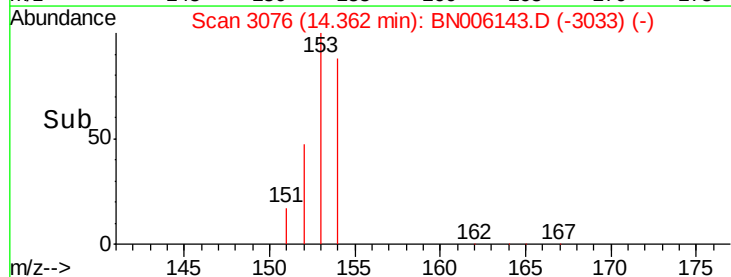
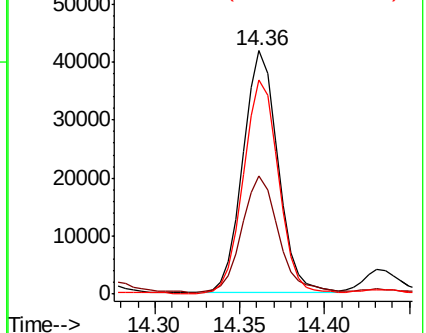
154 88.1 71.1 106.7

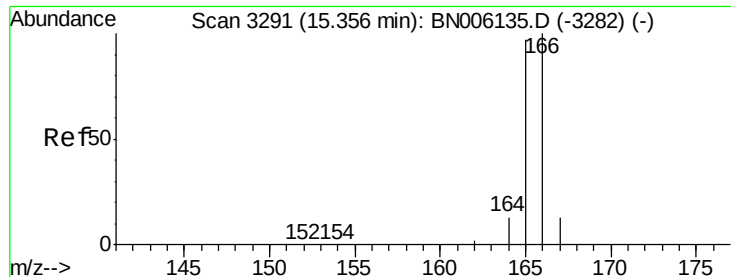


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

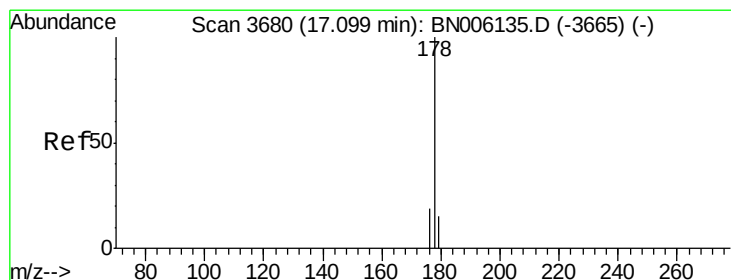
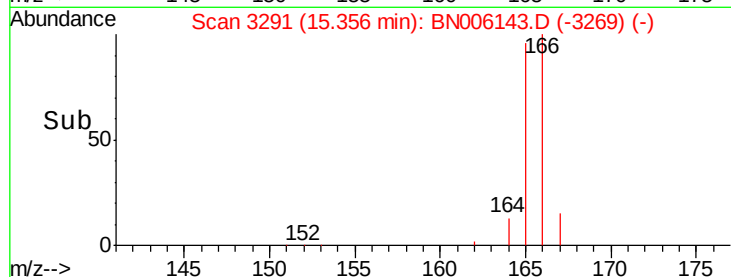
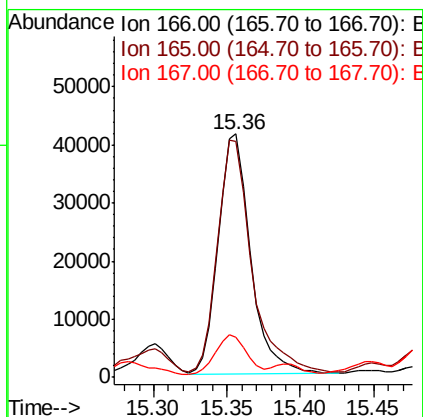
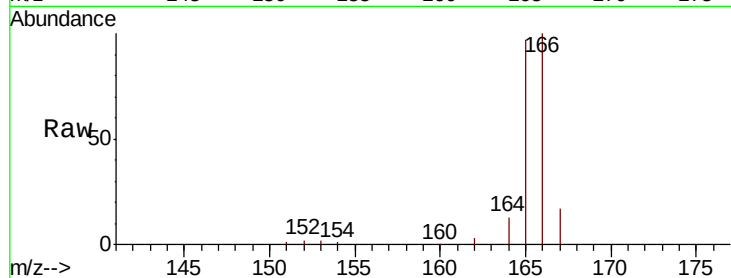




#9
Fluorene
 Concen: 0.858 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN006143.D
 Acq: 06 Jun 2019 19:26

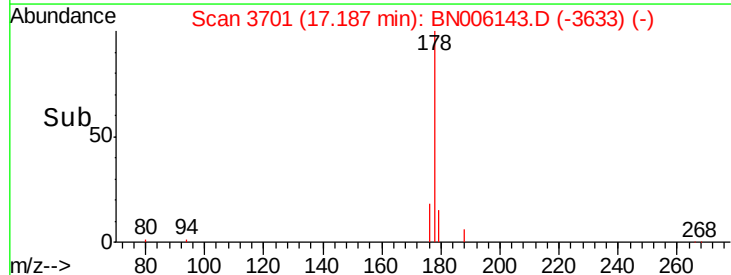
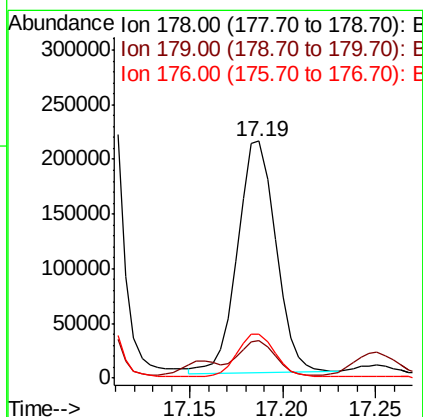
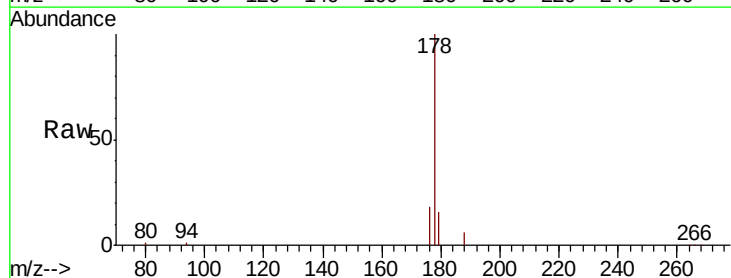
Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

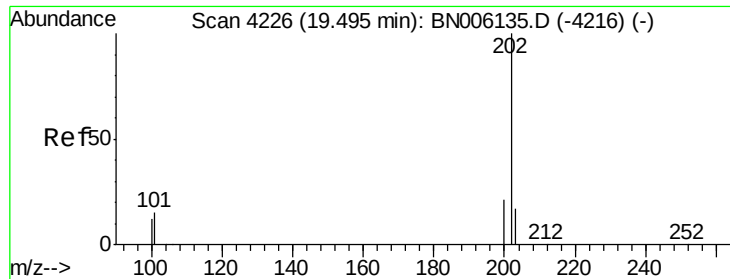
Tgt Ion:166 Resp: 63111
 Ion Ratio Lower Upper
 166 100
 165 97.0 76.4 114.6
 167 16.7 11.0 16.6#



#12
Phenanthrene
 Concen: 0.062 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.09 min
 Lab File: BN006143.D
 Acq: 06 Jun 2019 19:26

Tgt Ion:178 Resp: 302577
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 18.4 15.3 22.9

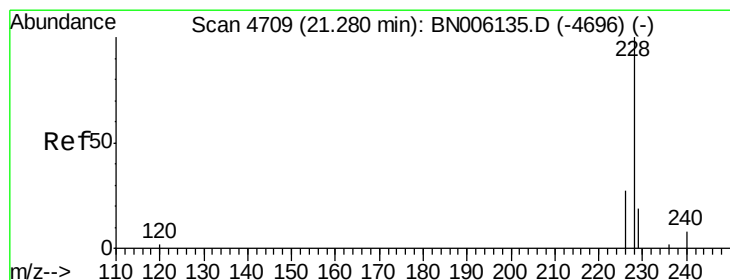
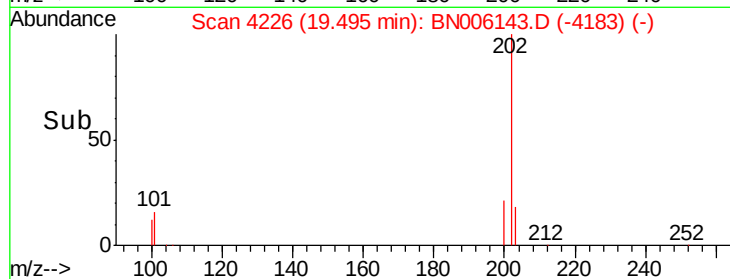
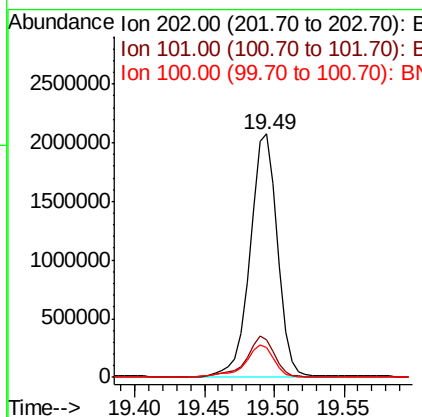
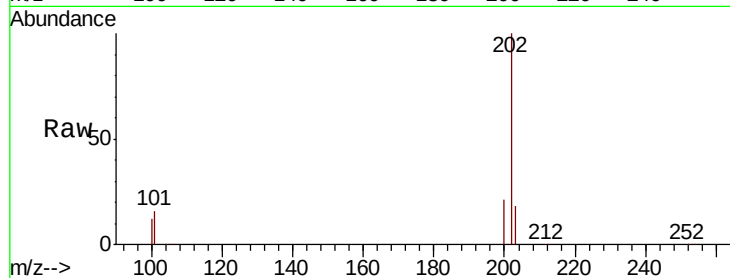




#17
 Pyrene
 Concen: 797.851 ng/ul
 RT: 19.49 min Scan# 4226
 Delta R.T. -0.00 min
 Lab File: BN006143.D
 Acq: 06 Jun 2019 19:26

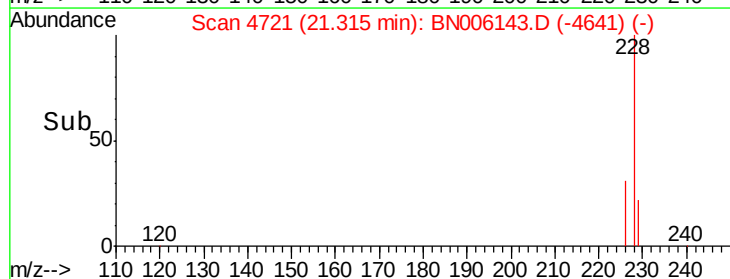
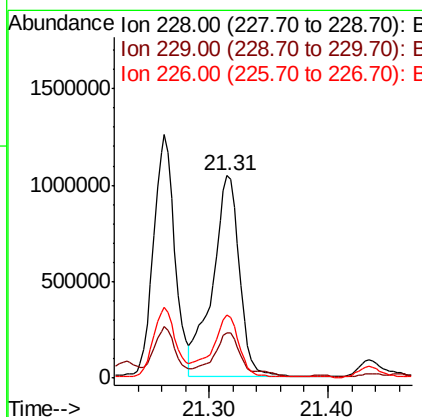
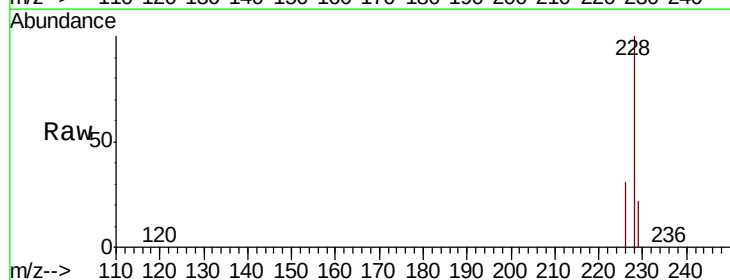
Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

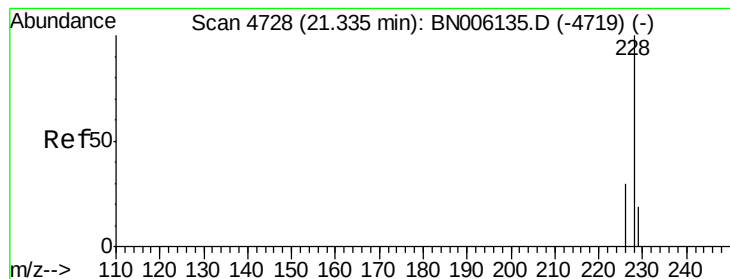
Tgt Ion:202 Resp: 2861985
 Ion Ratio Lower Upper
 202 100
 101 15.6 12.2 18.2
 100 12.1 9.8 14.6



#18
 Benzo(a)anthracene
 Concen: 546.566 ng/ul
 RT: 21.31 min Scan# 4721
 Delta R.T. 0.04 min
 Lab File: BN006143.D
 Acq: 06 Jun 2019 19:26

Tgt Ion:228 Resp: 1646239
 Ion Ratio Lower Upper
 228 100
 229 22.4 16.5 24.7
 226 31.1 22.8 34.2





#19

Chrysene

Concen: 582.163 ng/ul

RT: 21.31 min Scan# 4721

Delta R.T. -0.02 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

C0AC3

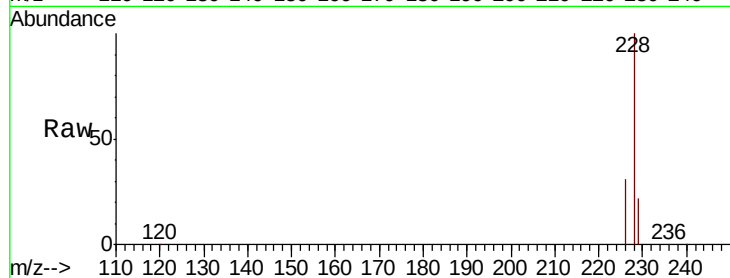
Tgt Ion:228 Resp: 1646099

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

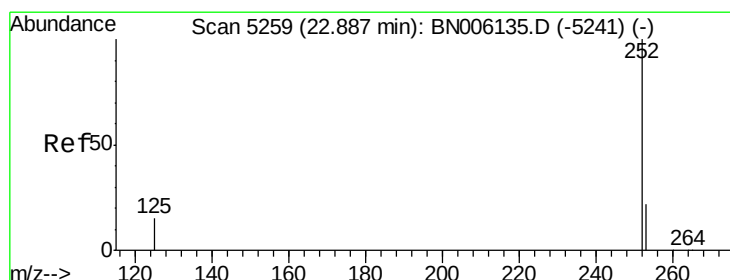
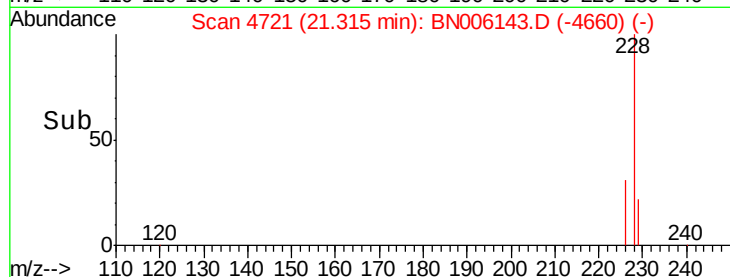
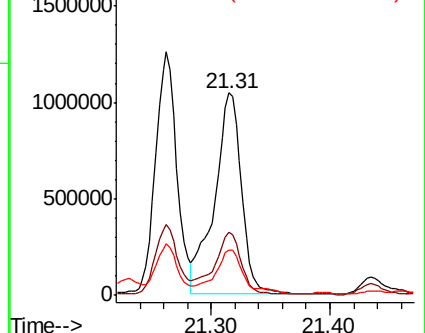
229 22.4 16.3 24.5



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: 8.713 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. 0.14 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

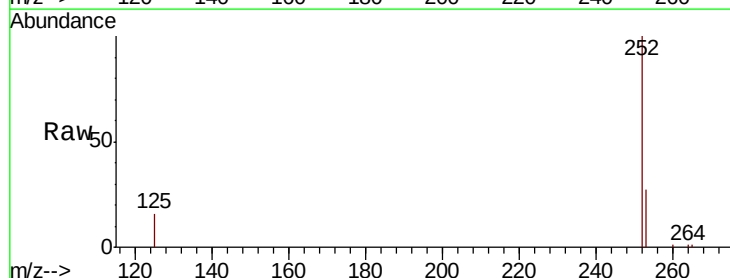
Tgt Ion:252 Resp: 348703

Ion Ratio Lower Upper

252 100

253 27.4 0.0 51.4

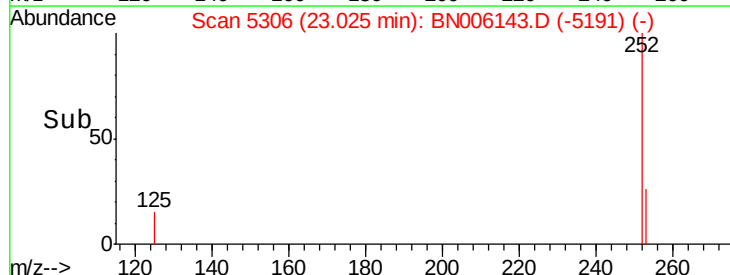
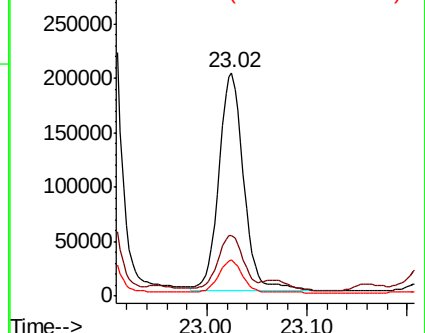
125 16.0 0.0 41.0

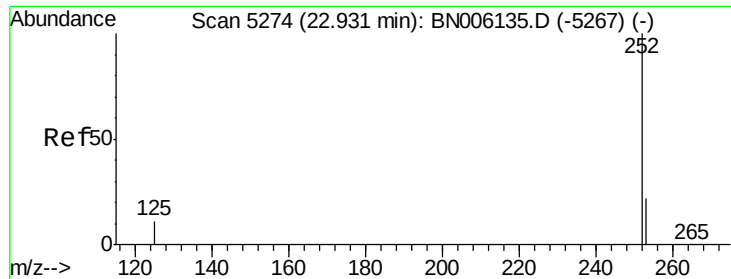


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 8.939 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. 0.09 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

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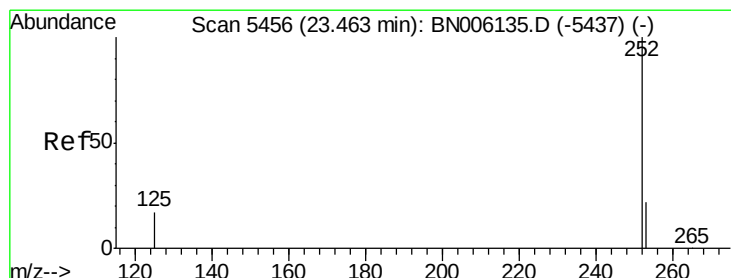
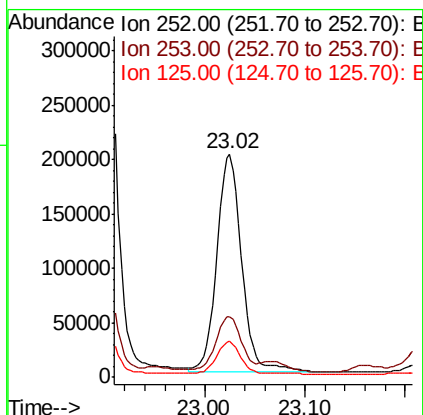
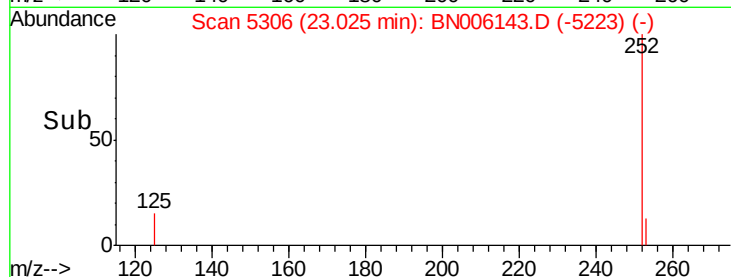
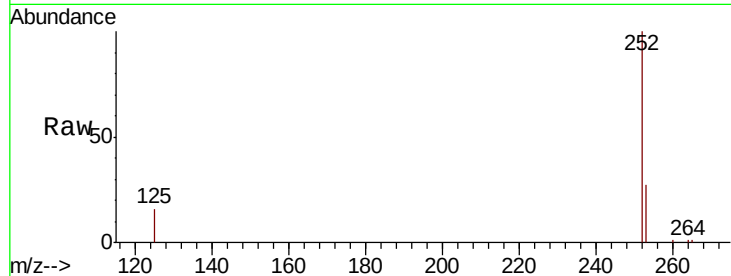
Tgt Ion:252 Resp: 348474

Ion Ratio Lower Upper

252 100

253 27.4 20.3 30.5

125 16.0 14.3 21.5



#23

Benzo(a)pyrene

Concen: 9.753 ng/ul

RT: 23.57 min Scan# 5492

Delta R.T. 0.11 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

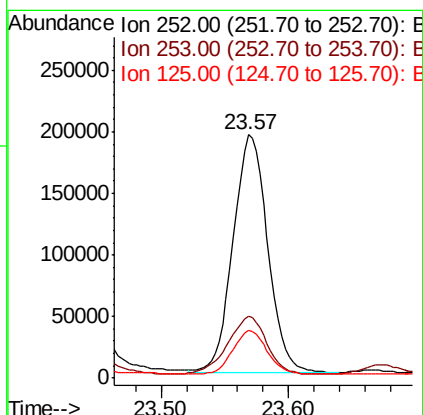
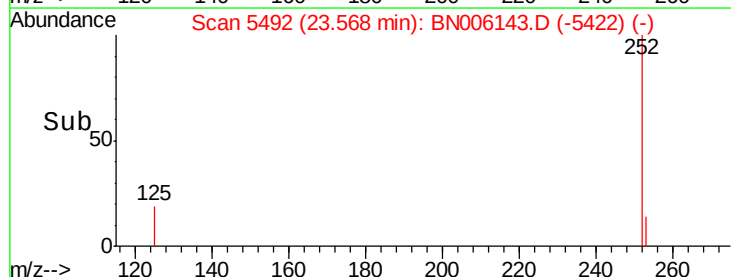
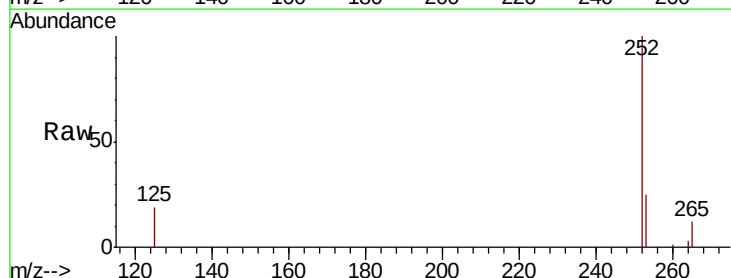
Tgt Ion:252 Resp: 363528

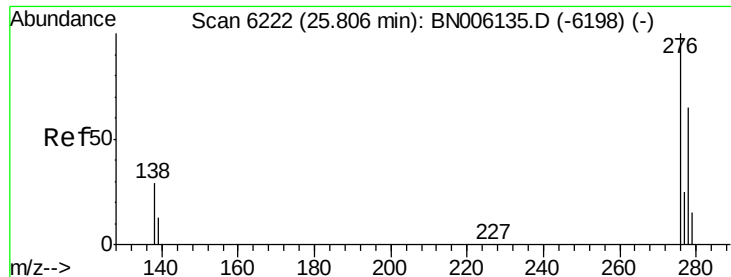
Ion Ratio Lower Upper

252 100

253 25.3 21.1 31.7

125 19.5 20.3 30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.736 ng/ul

RT: 25.87 min Scan# 6241

Delta R.T. 0.06 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

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C0AC3

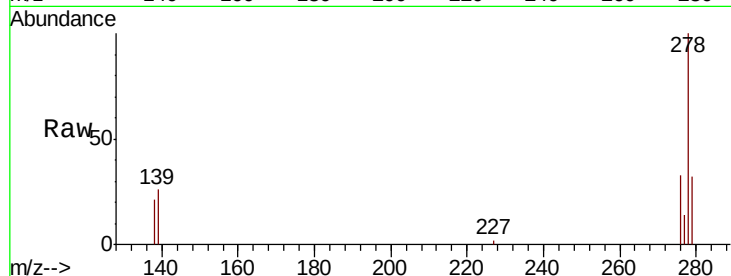
Tgt Ion:276 Resp: 29691

Ion Ratio Lower Upper

276 100

138 59.4 25.6 38.4#

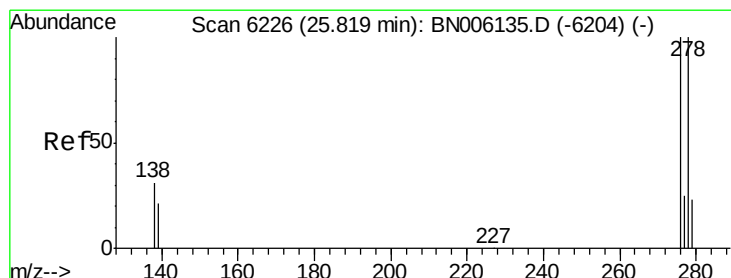
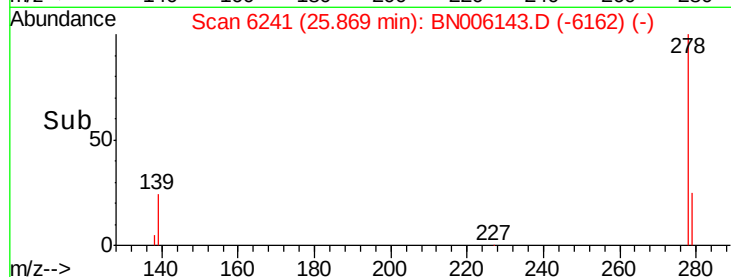
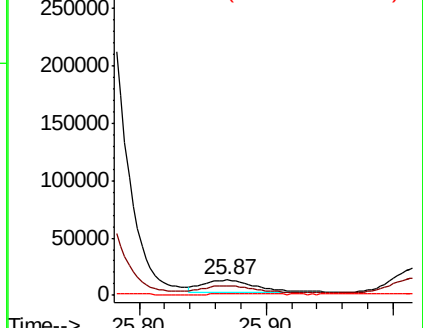
227 0.0 0.3 0.5#



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: 3.169 ng/ul

RT: 25.87 min Scan# 6241

Delta R.T. 0.05 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

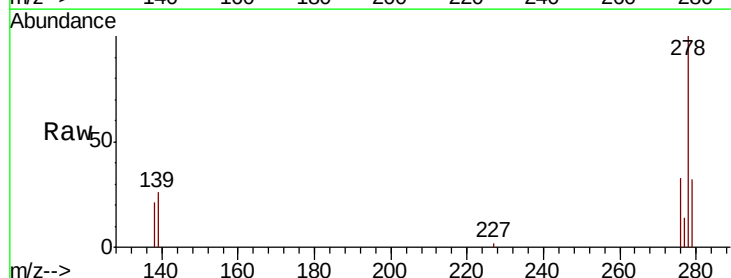
Tgt Ion:278 Resp: 102196

Ion Ratio Lower Upper

278 100

139 26.1 21.2 31.8

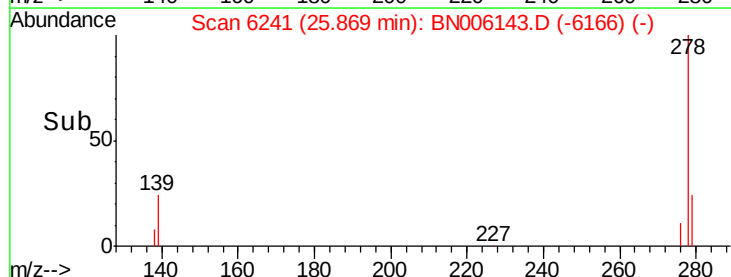
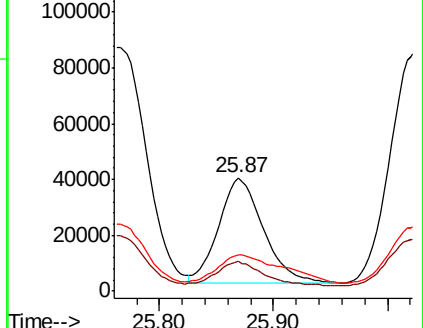
279 32.3 22.6 33.8

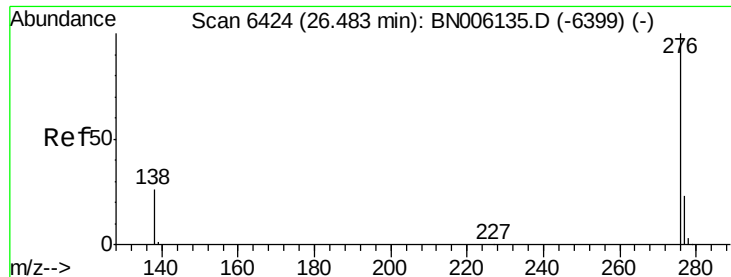


Abundance Ion 278.00 (277.70 to 278.70): E

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: 22.071 ng/ul

RT: 26.45 min Scan# 6414

Delta R.T. -0.03 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

C0AC3

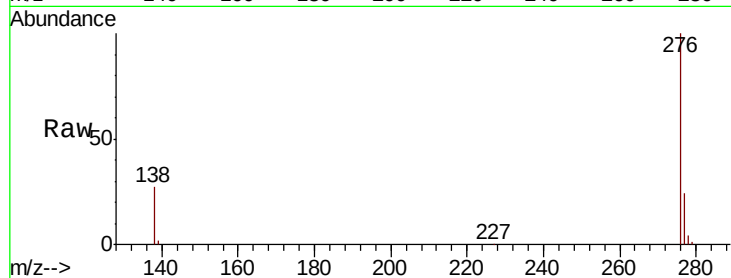
Tgt Ion:276 Resp: 745815

Ion Ratio Lower Upper

276 100

138 27.2 24.2 36.4

277 24.1 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

