

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008226.D
 Acq On : 17 Oct 2019 18:10
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

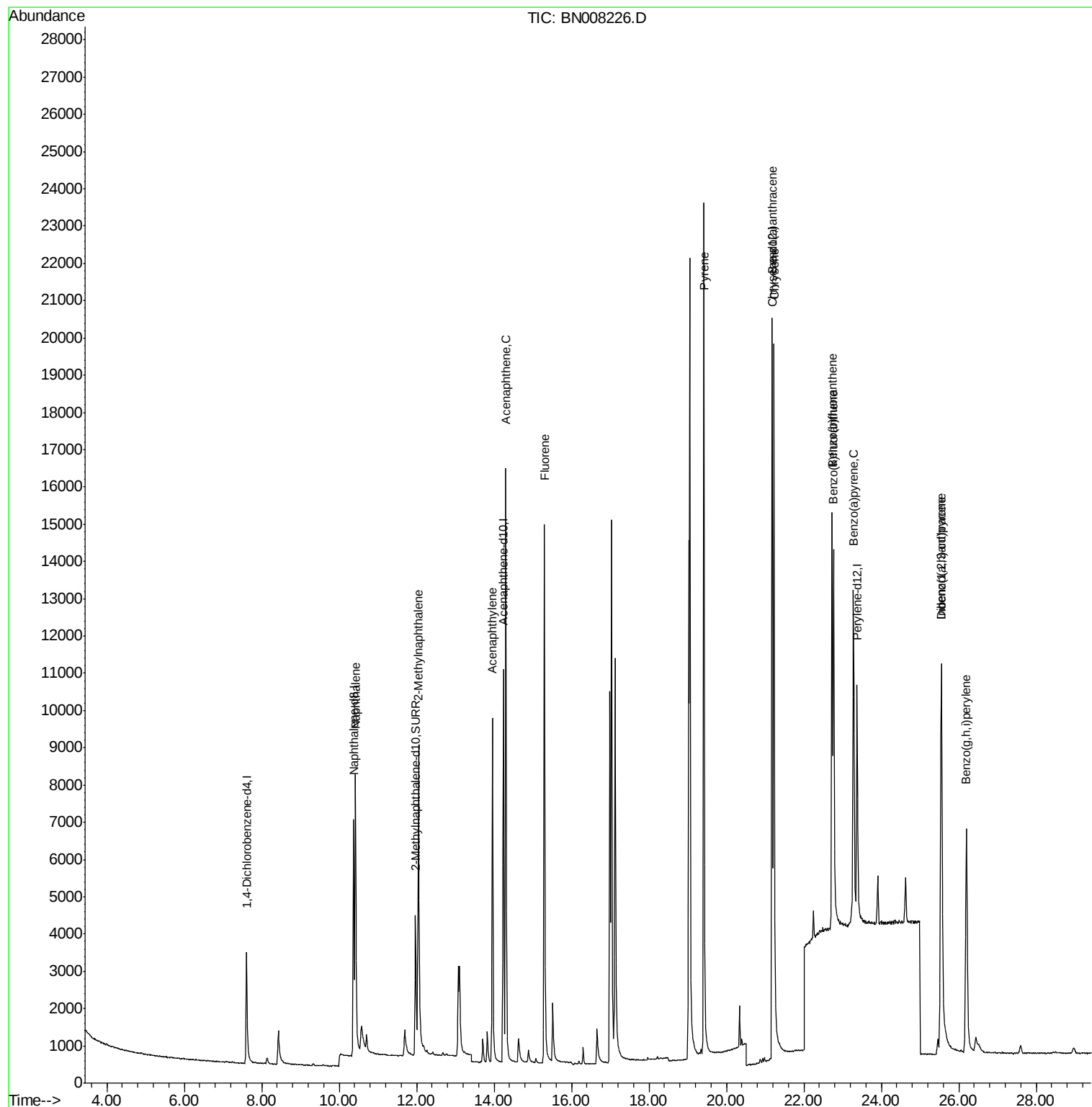
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2171	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	10551	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	6705	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	11139	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	8536	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	7219	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	18020	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	12380	0.412	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	8504	0.413	ng/ul	100
7) Acenaphthylene	13.95	152	12497	0.391	ng/ul	100
8) Acenaphthene	14.30	153	10156	0.409	ng/ul	98
9) Fluorene	15.30	166	11109	0.394	ng/ul	98
17) Pyrene	19.42	202	22059	0.497	ng/ul	99
18) Benzo(a)anthracene	21.18	228	16911	0.418	ng/ul	99
19) Chrysene	21.23	228	19755	0.397	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	14124	0.508	ng/ul	96
22) Benzo(k)fluoranthene	22.77	252	15717	0.499	ng/ul	99
23) Benzo(a)pyrene	23.28	252	13763	0.471	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.54	276	14999	0.436	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.55	278	11951	0.439	ng/ul	100
26) Benzo(g,h,i)perylene	26.20	276	13371	0.423	ng/ul	98

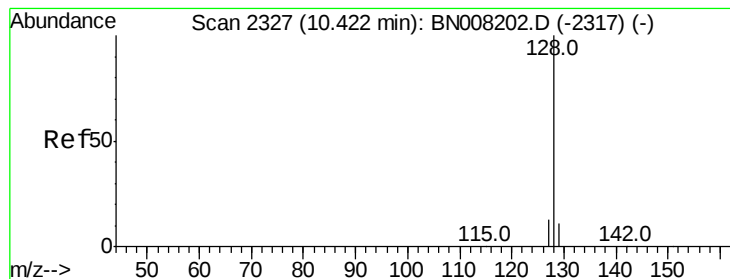
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.412 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

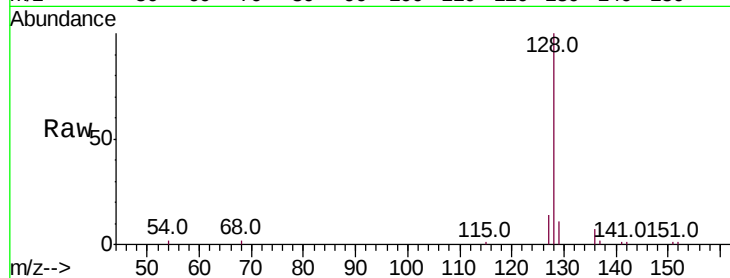
Tot Ion:128 Resp: 12380

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

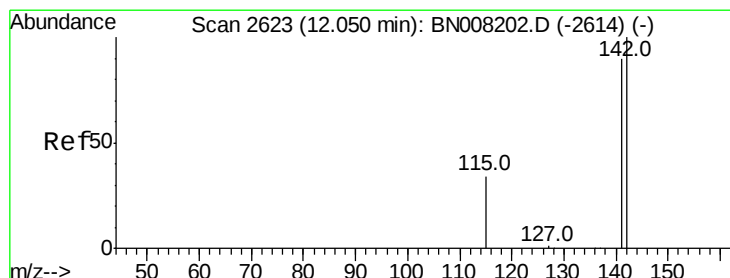
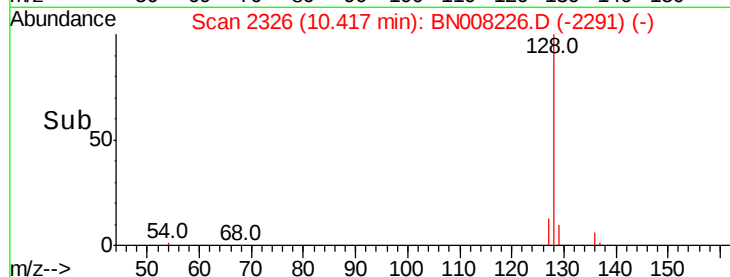
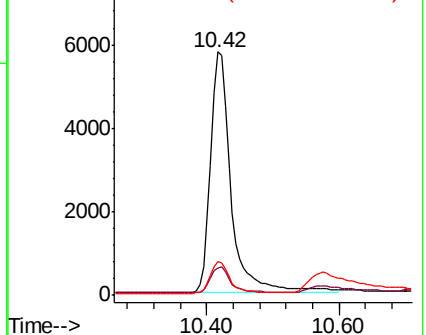
127 13.9 11.1 16.7



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: 0.413 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008226.D

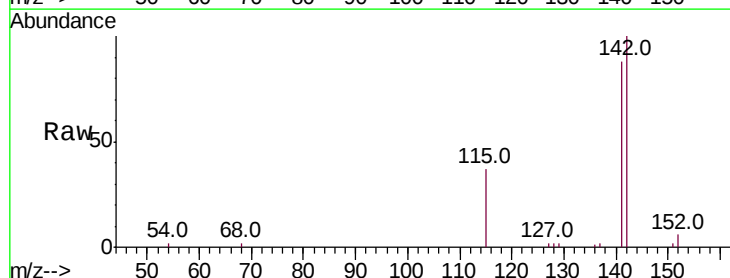
Acq: 17 Oct 2019 18:10

Tgt Ion:142 Resp: 8504

Ion Ratio Lower Upper

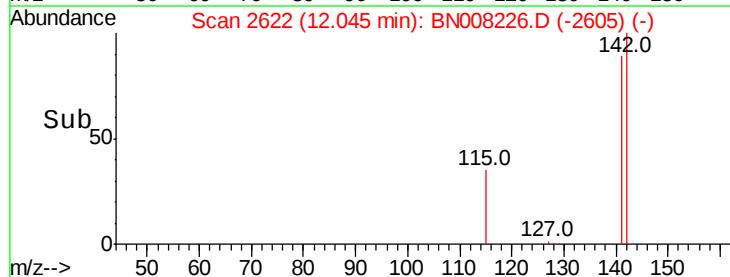
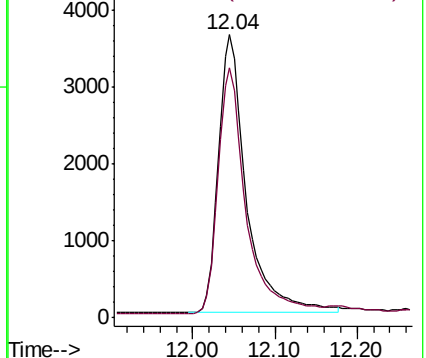
142 100

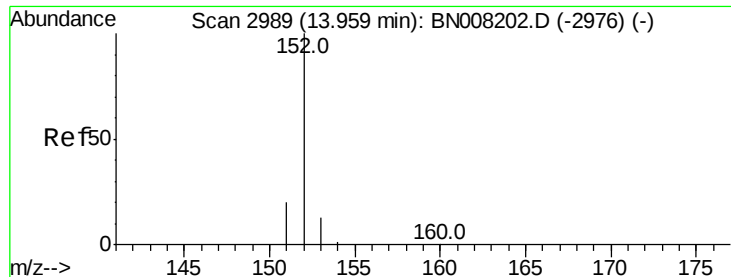
141 89.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.391 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

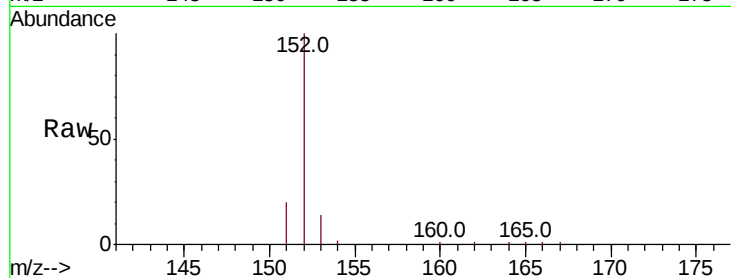
Tot Ion:152 Resp: 12497

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

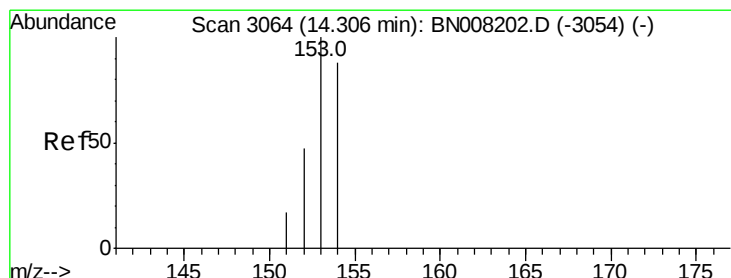
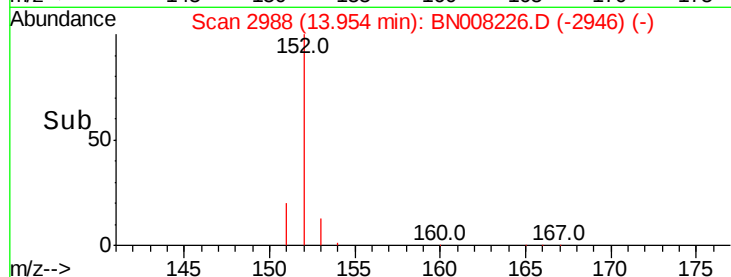
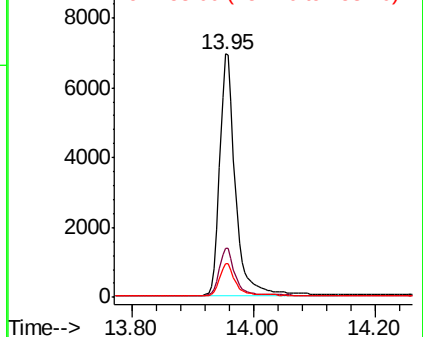
153 13.7 11.0 16.4



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: 0.409 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

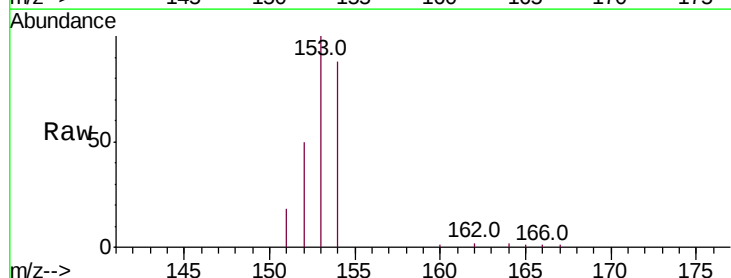
Tgt Ion:153 Resp: 10156

Ion Ratio Lower Upper

153 100

152 49.7 38.2 57.2

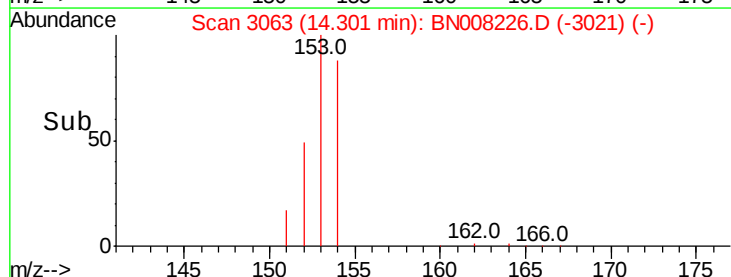
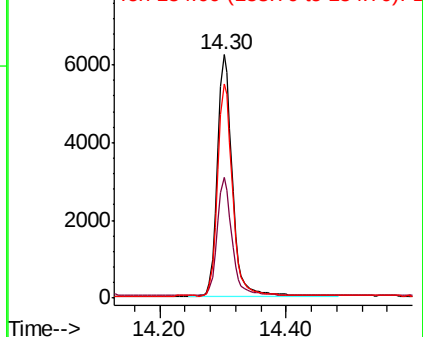
154 88.2 71.8 107.8

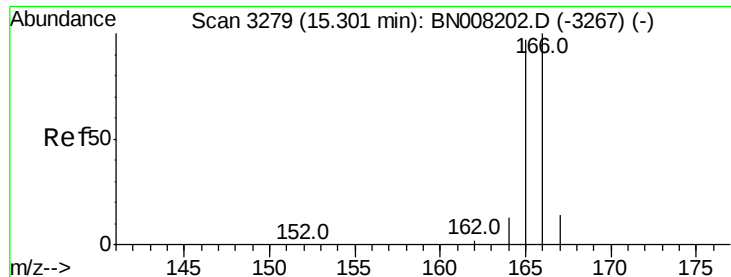


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.394 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

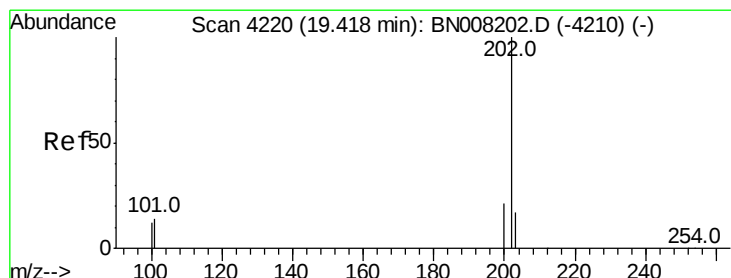
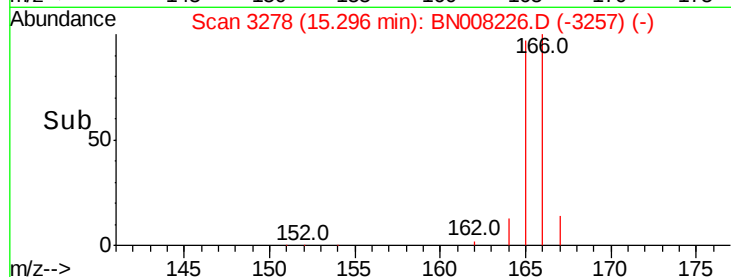
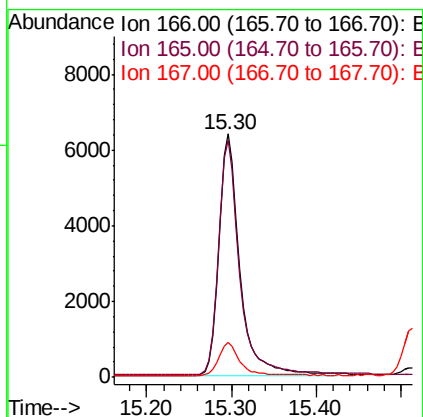
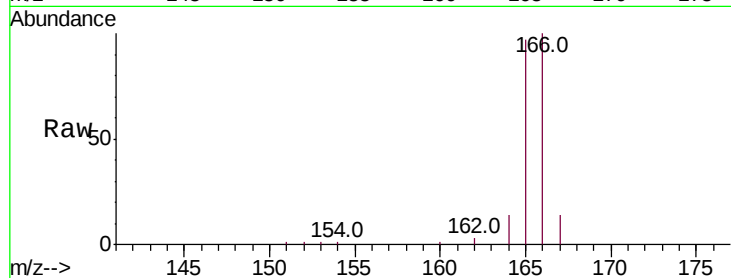
Tot Ion:166 Resp: 11109

Ion Ratio Lower Upper

166 100

165 97.5 76.6 115.0

167 14.4 11.7 17.5



#17

Pyrene

Concen: 0.497 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

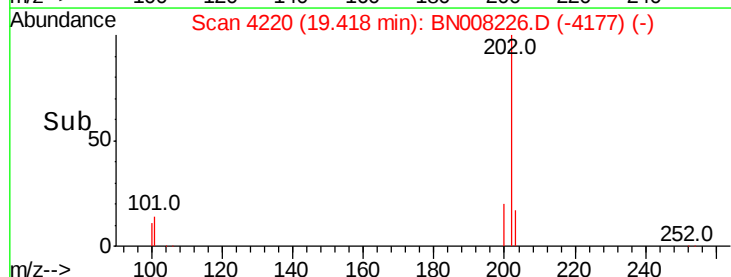
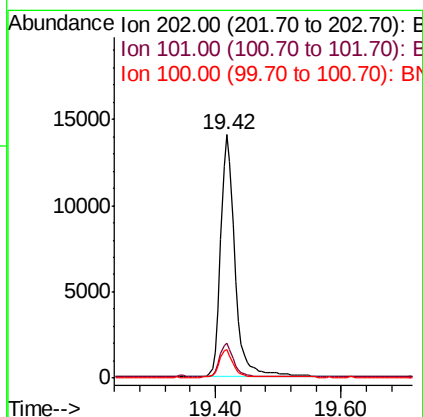
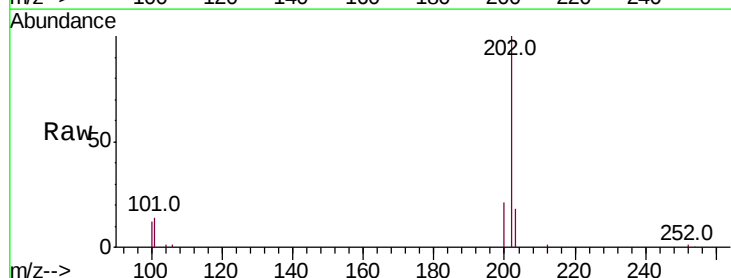
Tgt Ion:202 Resp: 22059

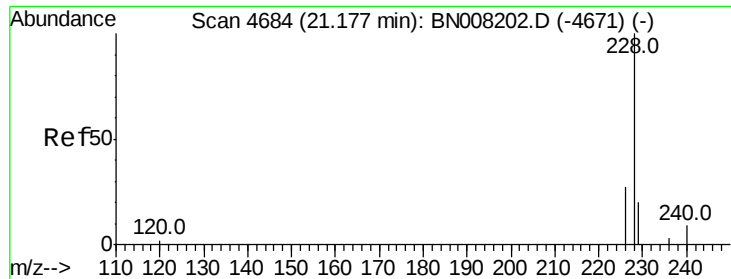
Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

100 11.5 8.7 13.1





#18

Benzo(a)anthracene

Concen: 0.418 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. 0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

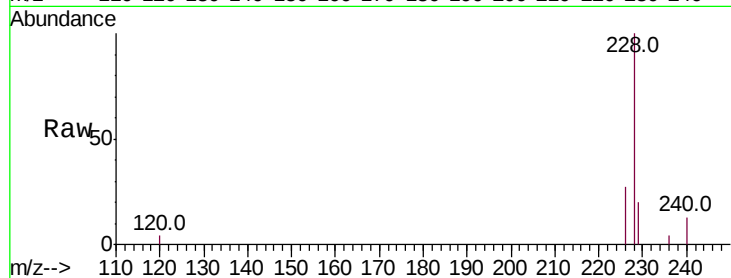
Tot Ion:228 Resp: 16911

Ion Ratio Lower Upper

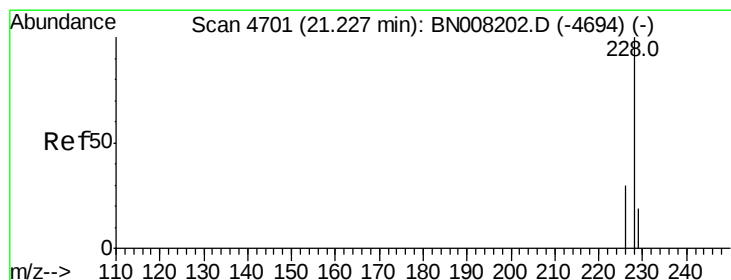
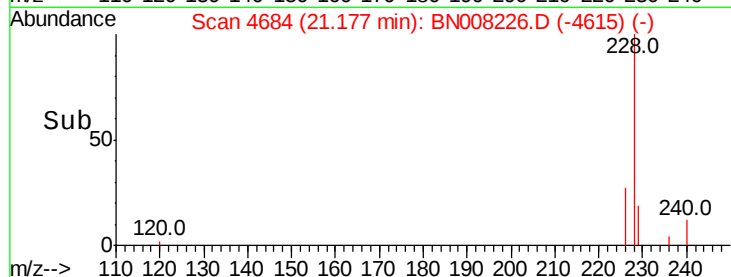
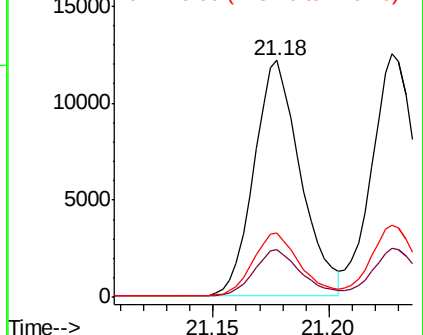
228 100

229 19.9 16.2 24.2

226 27.1 21.4 32.0



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: 0.397 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

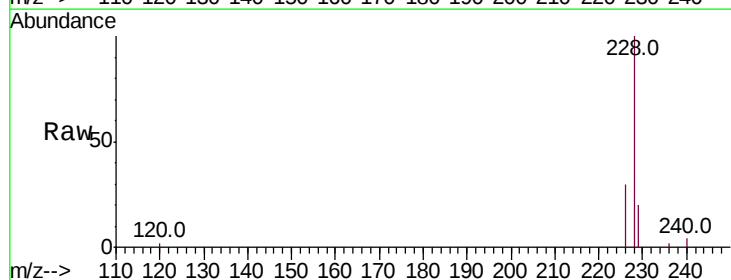
Tgt Ion:228 Resp: 19755

Ion Ratio Lower Upper

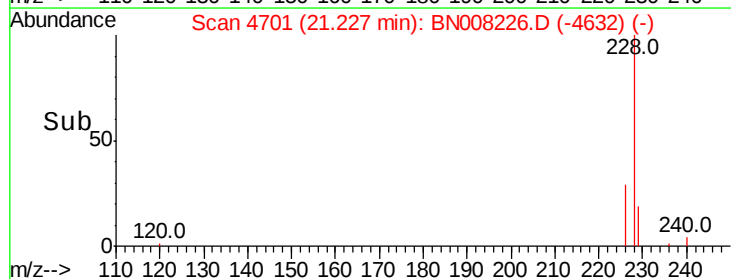
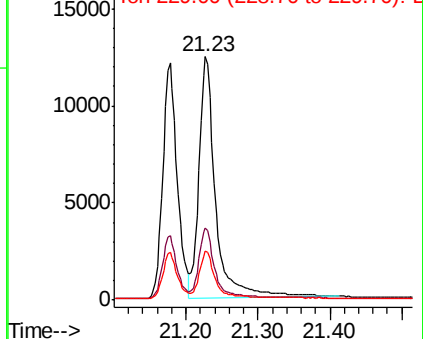
228 100

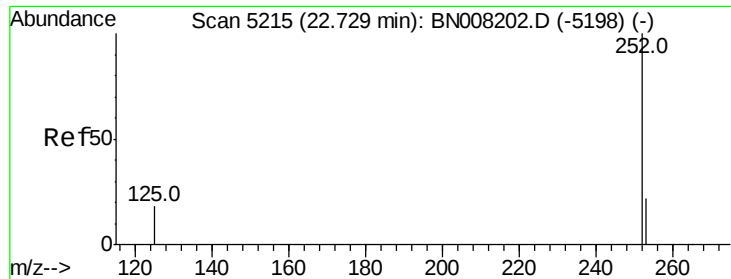
226 29.6 24.1 36.1

229 19.9 16.2 24.2



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: 0.508 ng/u1

RT: 22.73 min Scan# 5214

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

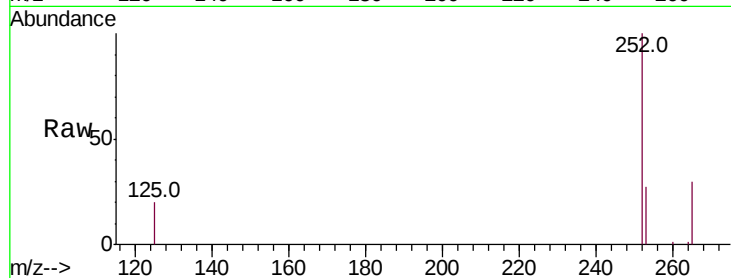
Tot Ion:252 Resp: 14124

Ion Ratio Lower Upper

252 100

253 26.8 0.0 53.4

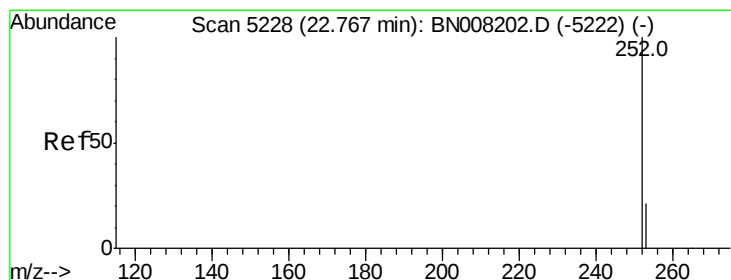
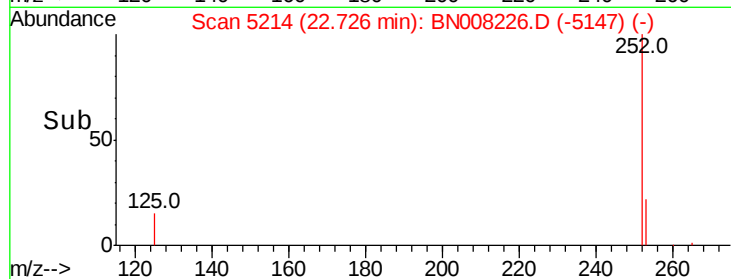
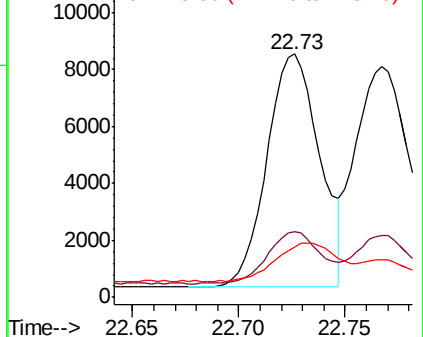
125 20.4 0.0 32.4



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: 0.499 ng/u1

RT: 22.77 min Scan# 5228

Delta R.T. 0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

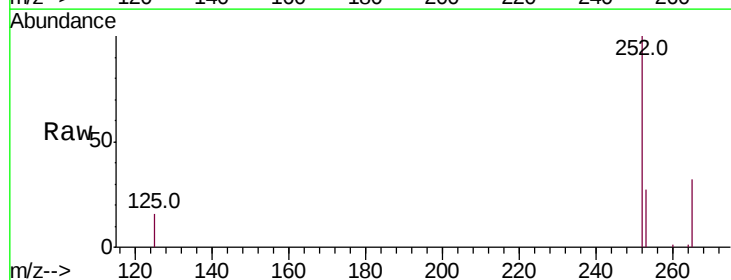
Tgt Ion:252 Resp: 15717

Ion Ratio Lower Upper

252 100

253 26.8 21.3 31.9

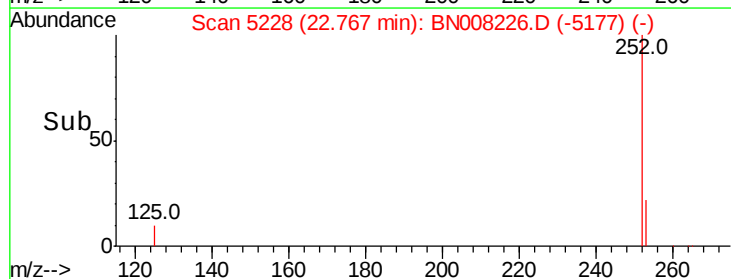
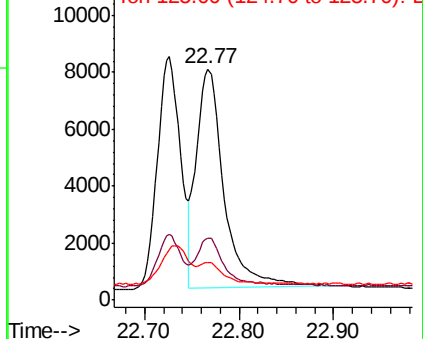
125 16.2 12.3 18.5

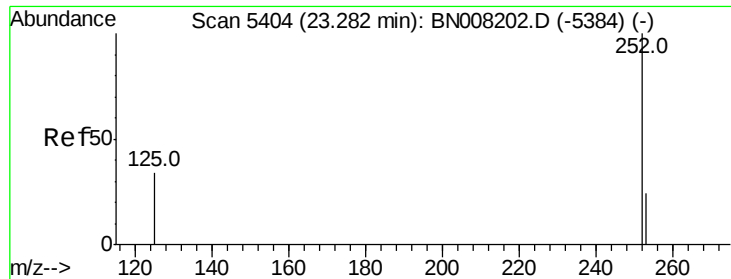


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.471 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

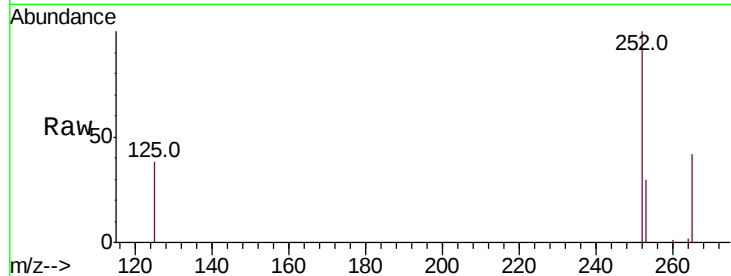
Tot Ion:252 Resp: 13763

Ion Ratio Lower Upper

252 100

253 30.1 22.8 34.2

125 37.7 18.4 27.6#

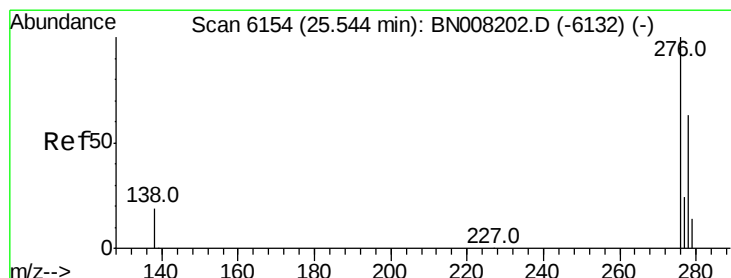
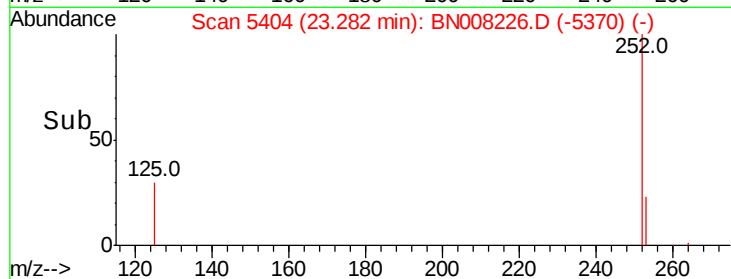
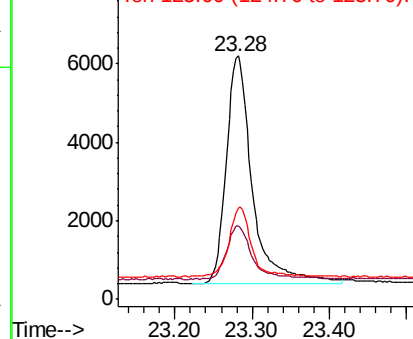


Abundance

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: 0.436 ng/ul

RT: 25.54 min Scan# 6153

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

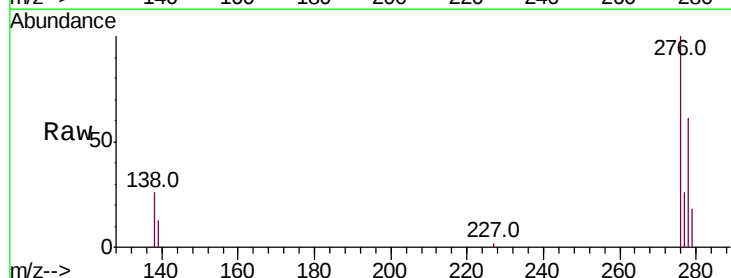
Tgt Ion:276 Resp: 14999

Ion Ratio Lower Upper

276 100

138 20.8 16.1 24.1

227 0.1 0.2 0.2#

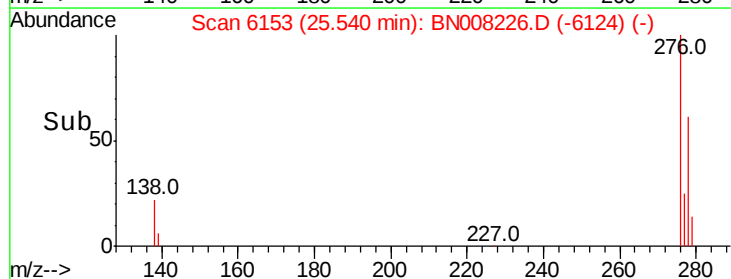
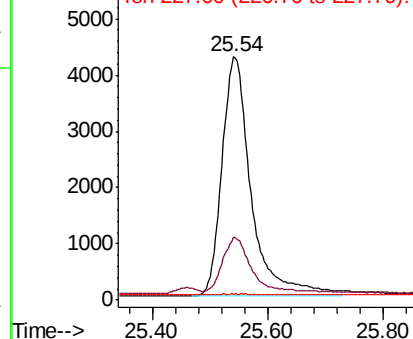


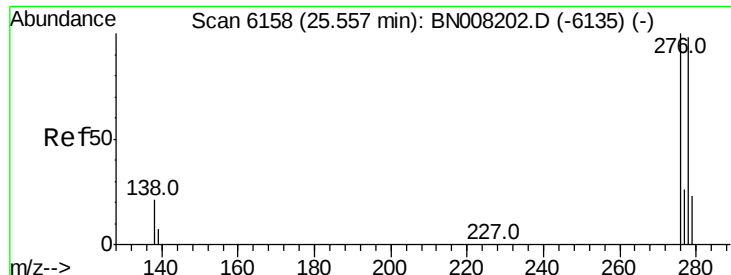
Abundance

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: 0.439 ng/ul

RT: 25.55 min Scan# 6157

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

Instrument :

BNA_N

ClientSampleId :

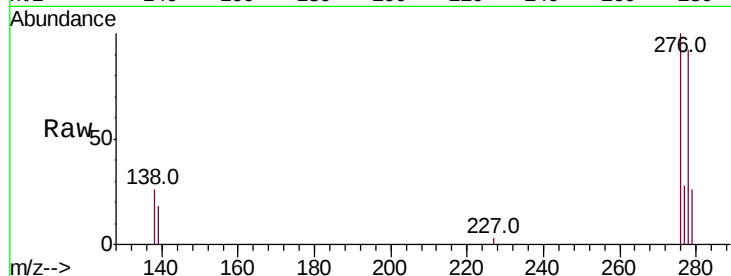
Tot Ion:278 Resp: 11951

Ion Ratio Lower Upper

278 100

139 19.2 15.0 22.6

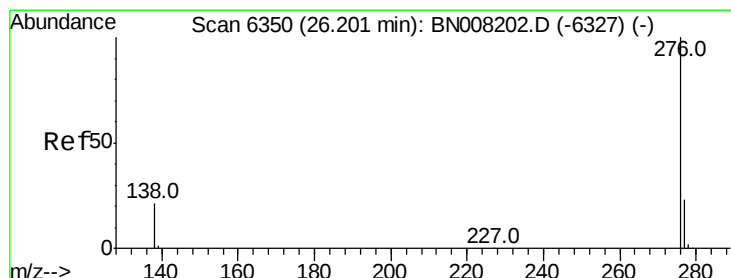
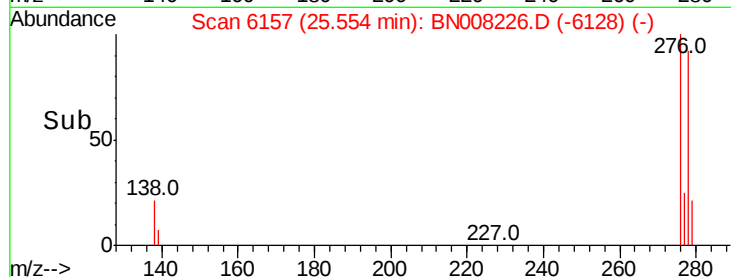
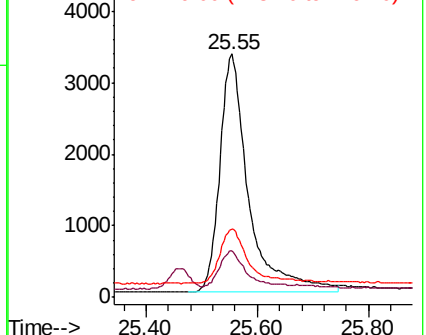
279 28.0 22.4 33.6



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: 0.423 ng/ul

RT: 26.20 min Scan# 6349

Delta R.T. -0.00 min

Lab File: BN008226.D

Acq: 17 Oct 2019 18:10

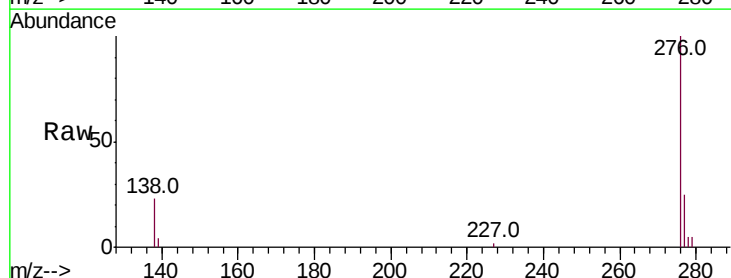
Tgt Ion:276 Resp: 13371

Ion Ratio Lower Upper

276 100

138 22.9 17.0 25.4

277 25.2 20.4 30.6



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

