

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
 Data File : BN009343.D
 Acq On : 10 Jan 2020 20:15
 Operator : JU
 Sample : K6466-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 10 23:08:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 16:45:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	4311	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	2524	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.87
16) Chrysene-d12	21.07	240	4328	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	4855	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.84	152	2042	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5514	0.00	ng/ul	0.00

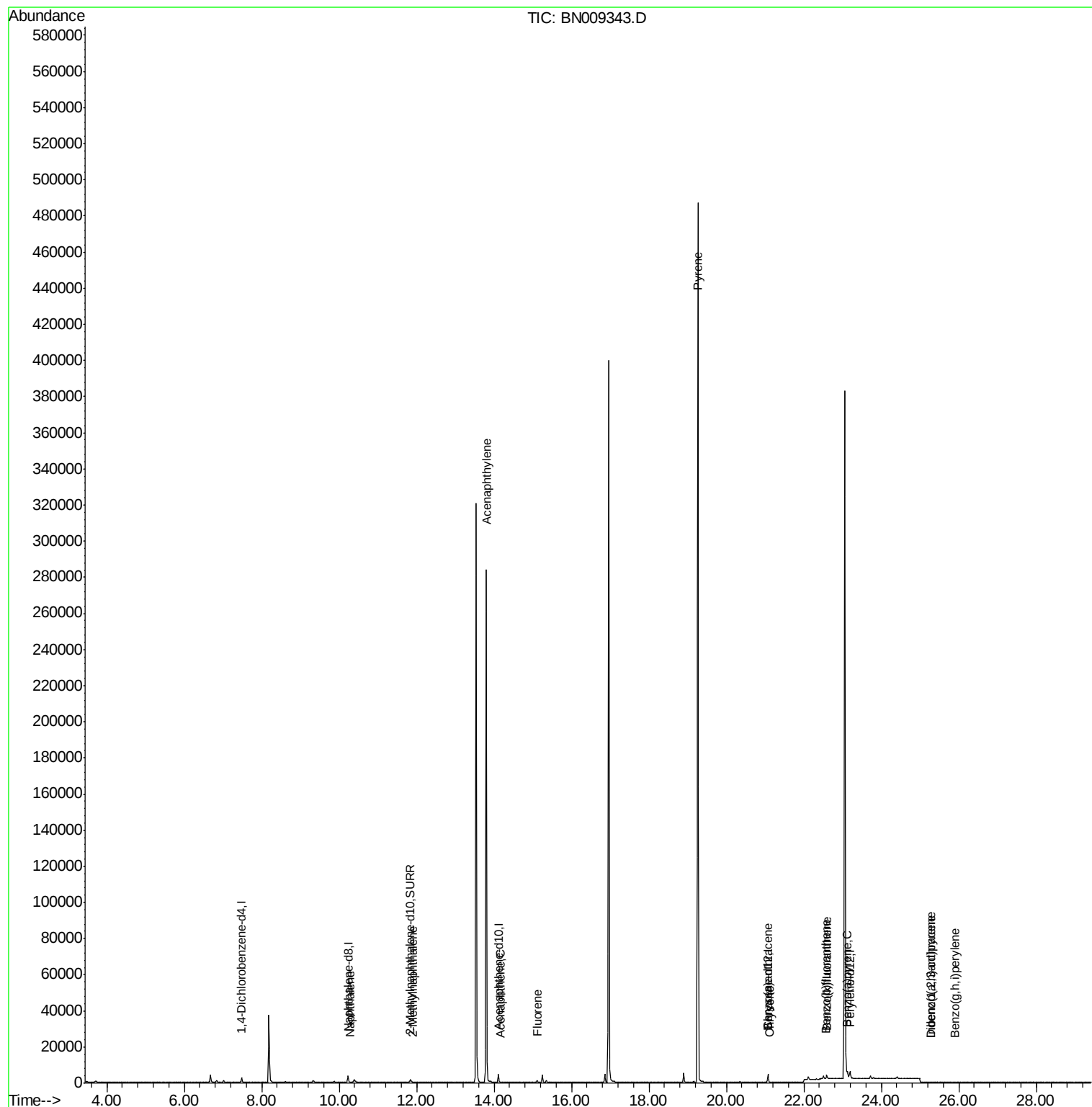
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.28	128	81	0.006	ng/ul#	1
5) 2-Methylnaphthalene	11.91	142	23	0.003	ng/ul	99
7) Acenaphthylene	13.80	152	61	0.005	ng/ul#	1
8) Acenaphthene	14.17	153	11	0.001	ng/ul#	71
9) Fluorene	15.11	166	768	0.065	ng/ul#	19
17) Pyrene	19.26	202	858	0.041	ng/ul#	1
18) Benzo(a)anthracene	21.06	228	171	0.009	ng/ul#	47
19) Chrysene	21.11	228	230	0.011	ng/ul#	60
21) Benzo(b)fluoranthene	22.57	252	187	0.009	ng/ul#	1
22) Benzo(k)fluoranthene	22.60	252	230	0.009	ng/ul#	1
23) Benzo(a)pyrene	23.12	252	139	0.006	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.28	276	54	0.002	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.29	278	25	0.001	ng/ul#	1
26) Benzo(g,h,i)perylene	25.91	276	69	0.003	ng/ul#	1

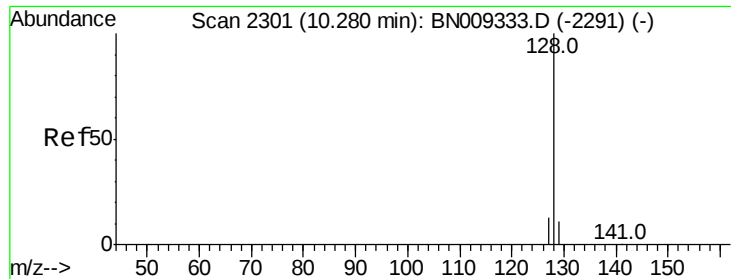
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
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#3

Naphthalene

Concen: 0.006 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampleId :

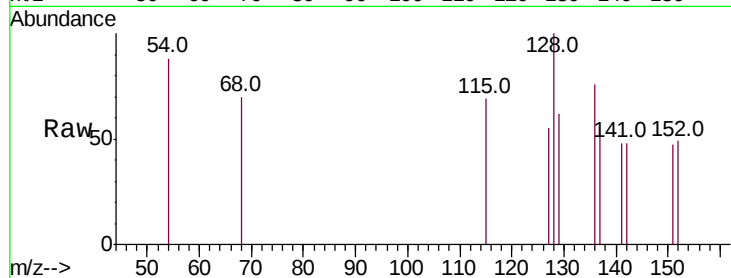
Tot Ion:128 Resp: 81

Ion Ratio Lower Upper

128 100

129 61.6 9.9 14.9#

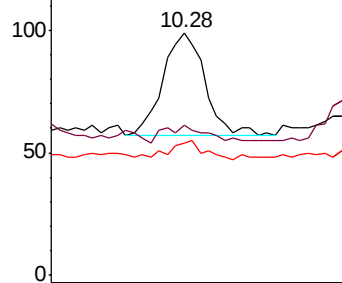
127 54.5 11.3 16.9#



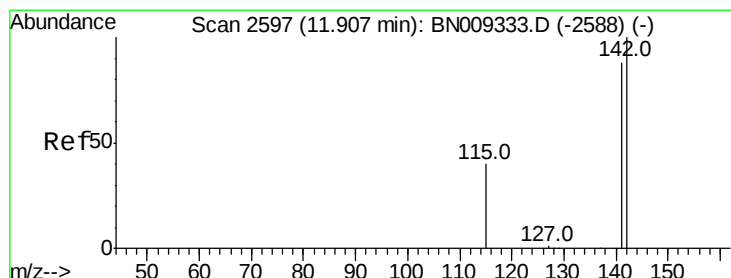
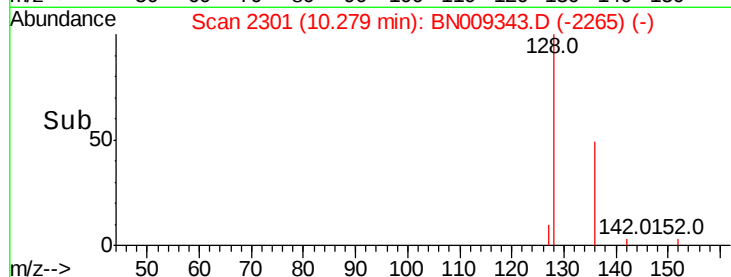
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.003 ng/ul

RT: 11.91 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BN009343.D

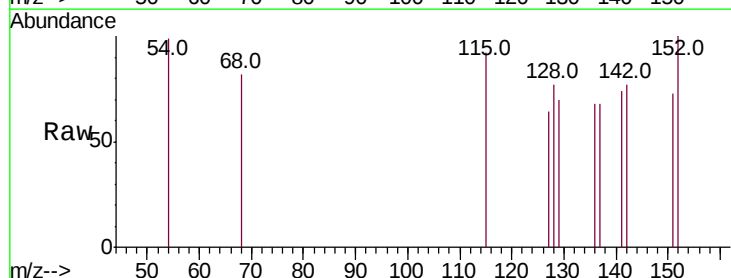
Acq: 10 Jan 2020 20:15

Tgt Ion:142 Resp: 23

Ion Ratio Lower Upper

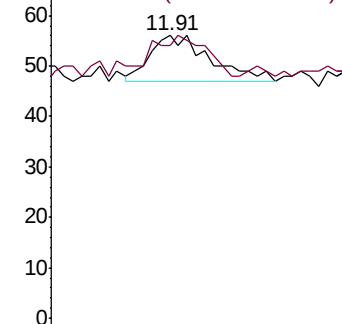
142 100

141 87.0 70.6 106.0

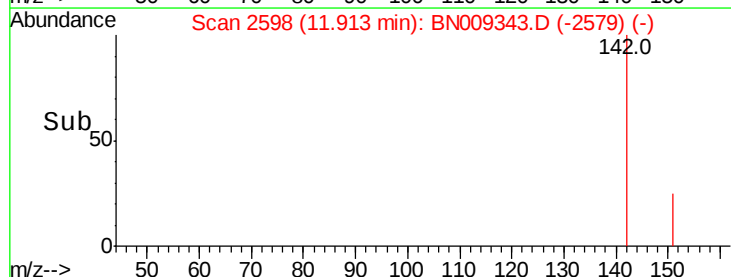


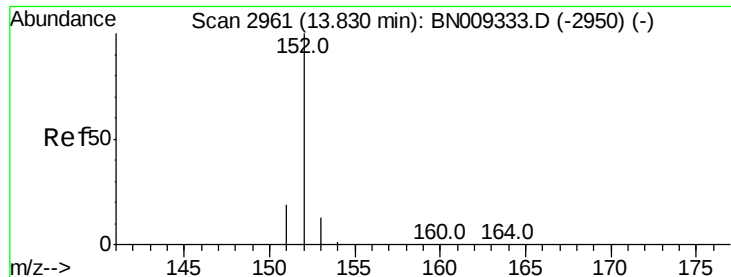
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.005 ng/ul

RT: 13.80 min Scan# 2954

Delta R.T. -0.03 min

Lab File: BN009343.D

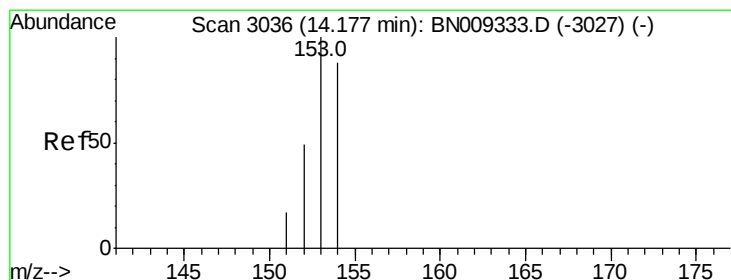
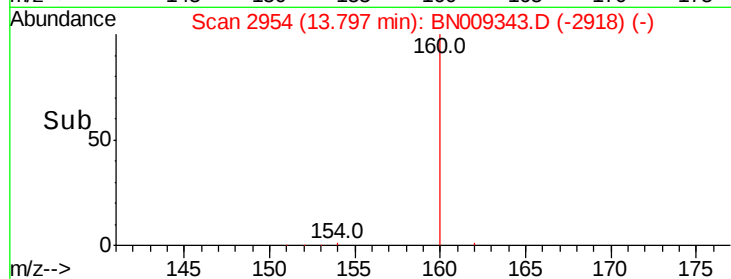
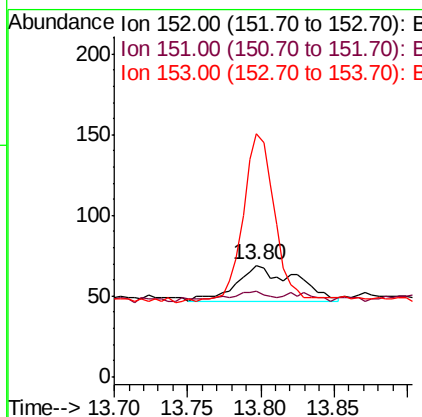
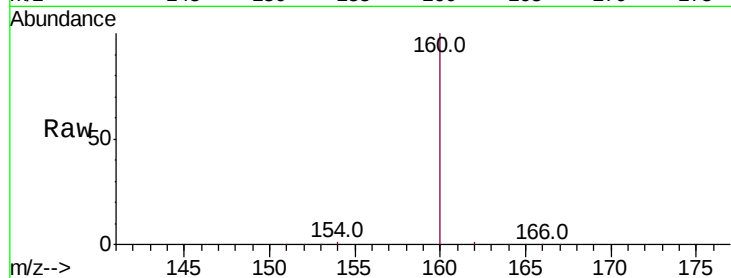
Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	76.8	16.1	24.1#
153	218.8	11.2	16.8#



#8

Acenaphthene

Concen: 0.001 ng/ul

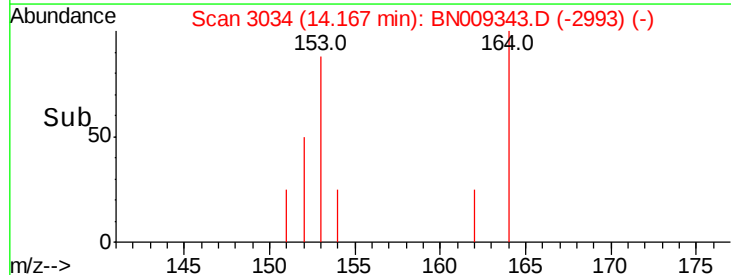
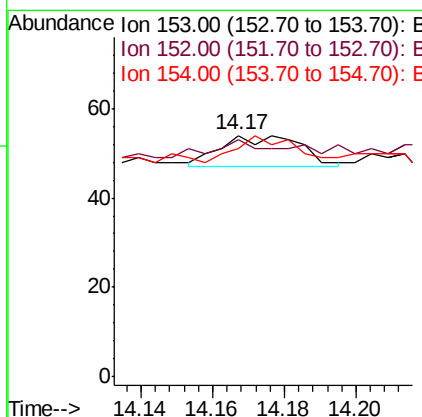
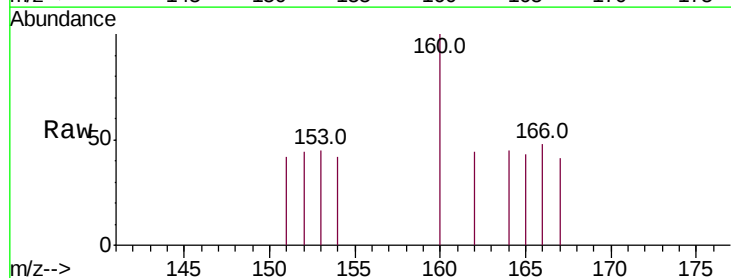
RT: 14.17 min Scan# 3034

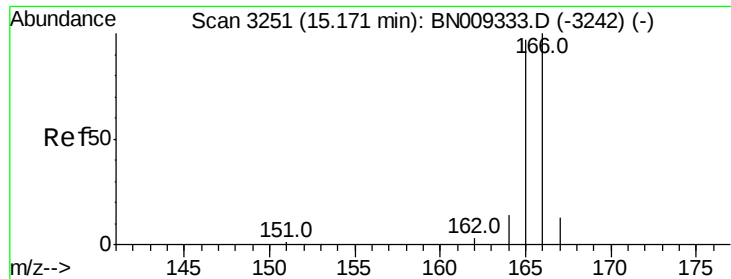
Delta R.T. -0.01 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	98.1	39.9	59.9#
154	94.4	70.8	106.2





#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.11 min Scan# 3238

Delta R.T. -0.06 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampleId :

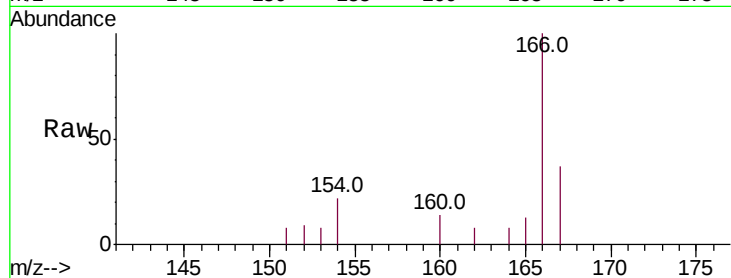
Tot Ion:166 Resp: 768

Ion Ratio Lower Upper

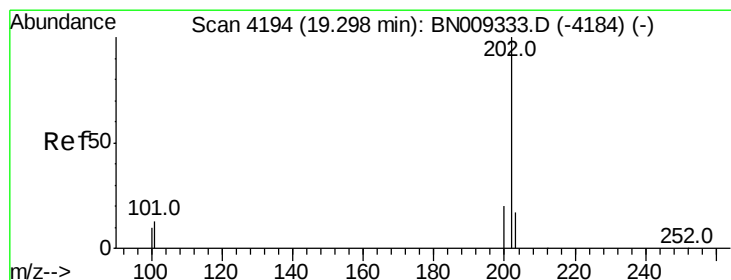
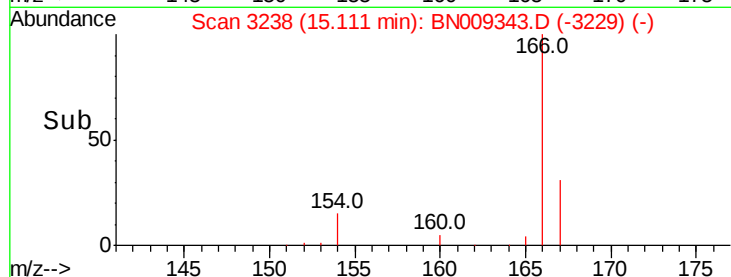
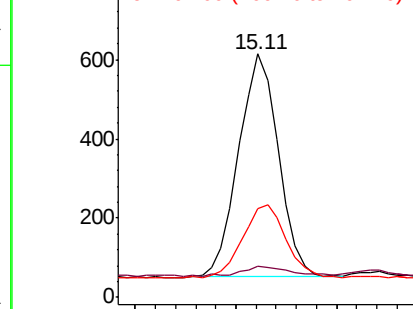
166 100

165 12.9 77.6 116.4#

167 36.6 11.8 17.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.041 ng/ul

RT: 19.26 min Scan# 4186

Delta R.T. -0.04 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

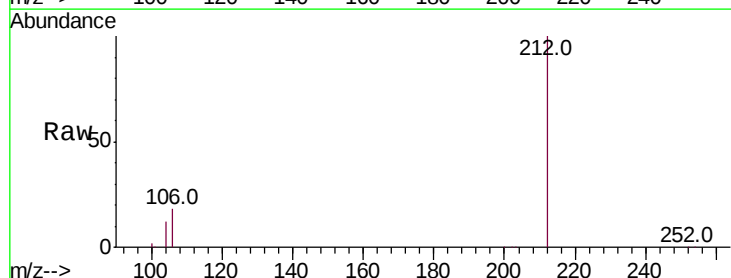
Tgt Ion:202 Resp: 858

Ion Ratio Lower Upper

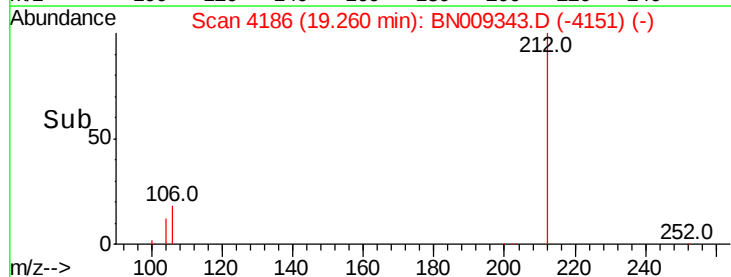
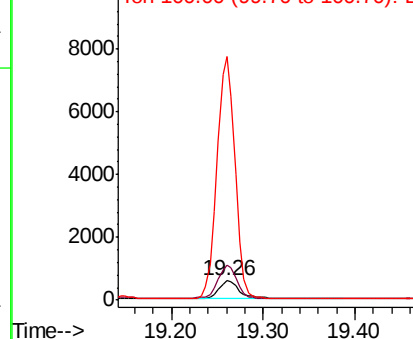
202 100

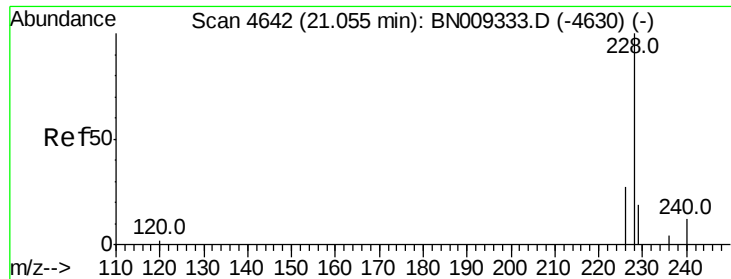
101 185.3 11.0 16.4#

100 1267.3 8.5 12.7#



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: 0.009 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. 0.00 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampled :

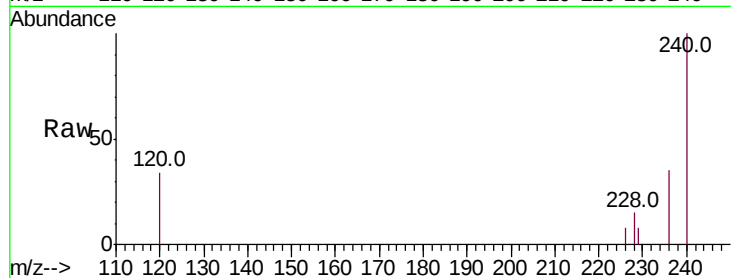
Tot Ion:228 Resp: 171

Ion Ratio Lower Upper

228 100

229 49.4 16.0 24.0#

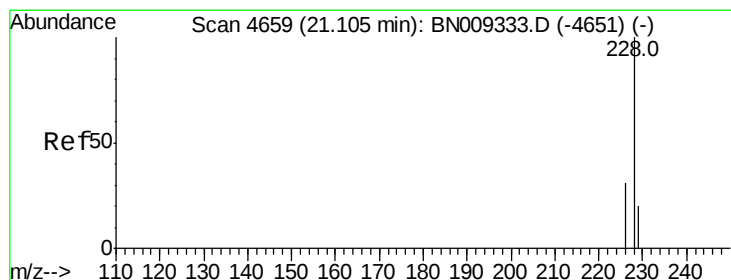
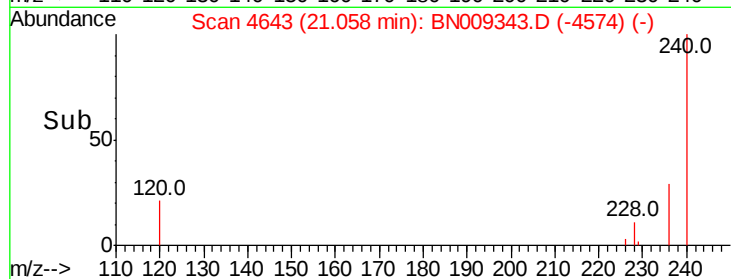
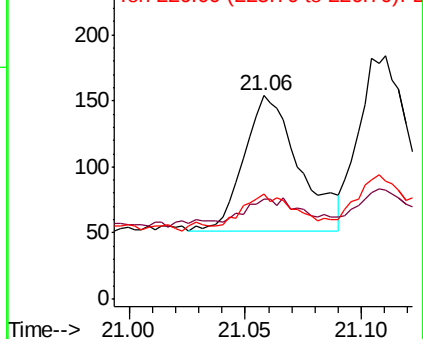
226 51.3 21.9 32.9#



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: 0.011 ng/ul

RT: 21.11 min Scan# 4661

Delta R.T. 0.01 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

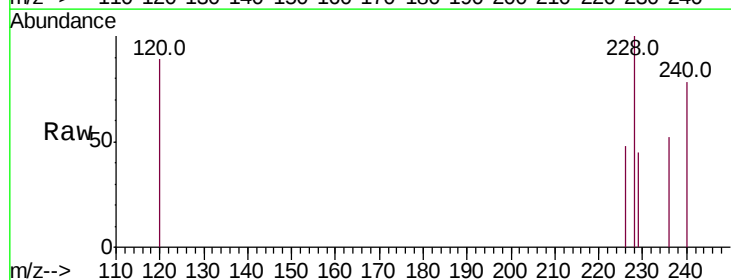
Tgt Ion:228 Resp: 230

Ion Ratio Lower Upper

228 100

226 48.4 24.7 37.1#

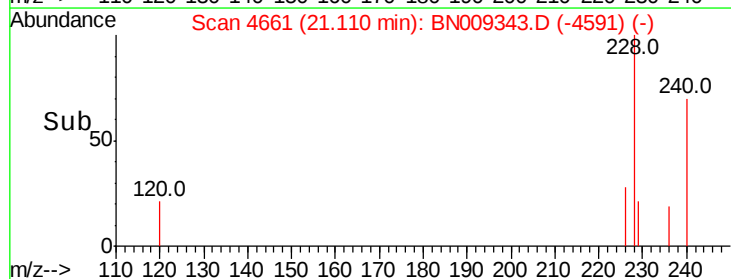
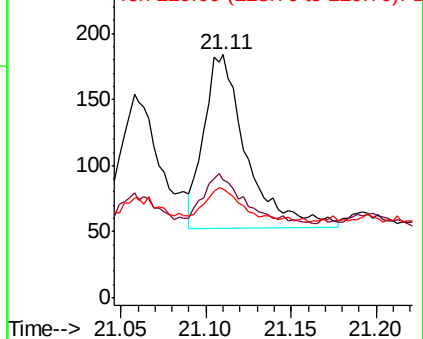
229 44.6 16.6 24.8#

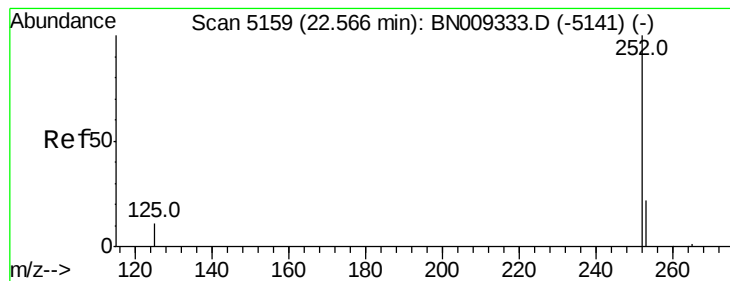


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.009 ng/ul

RT: 22.57 min Scan# 5159

Delta R.T. -0.00 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampleId :

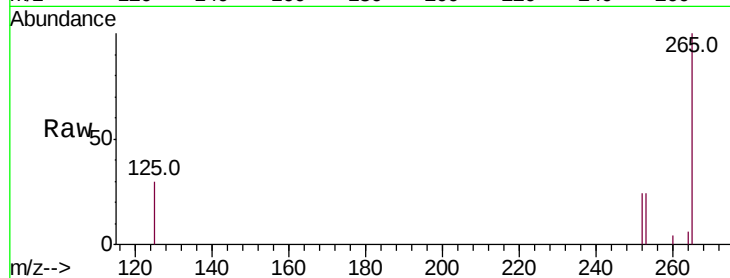
Tot Ion:252 Resp: 187

Ion Ratio Lower Upper

252 100

253 100.9 0.0 52.8#

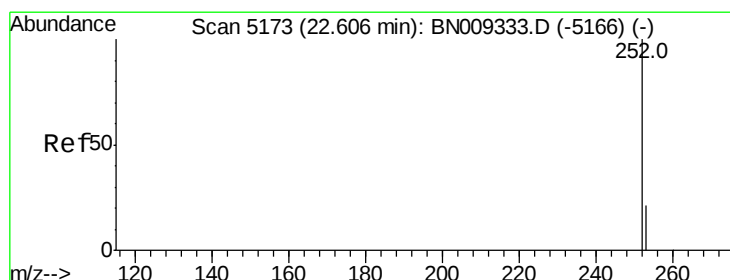
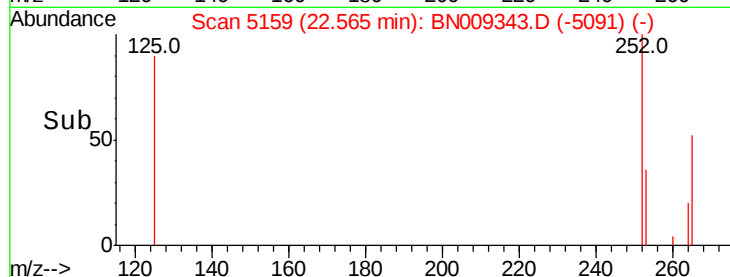
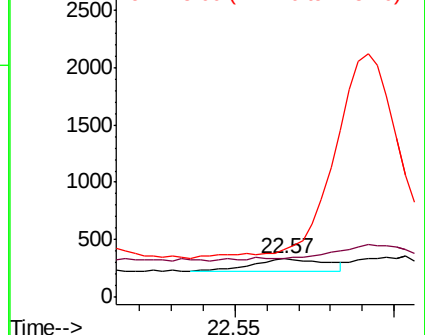
125 123.7 0.0 32.0#



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: 0.009 ng/ul

RT: 22.60 min Scan# 5172

Delta R.T. -0.00 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

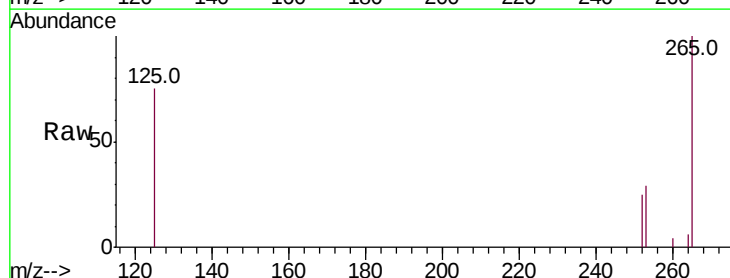
Tgt Ion:252 Resp: 230

Ion Ratio Lower Upper

252 100

253 115.4 21.4 32.0#

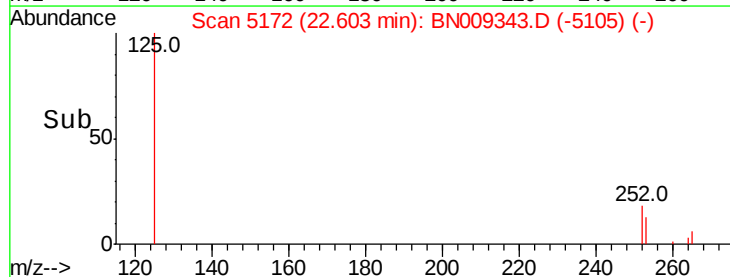
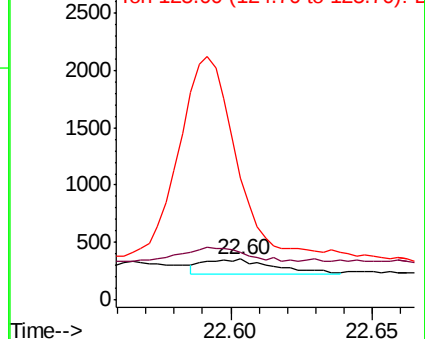
125 296.9 16.4 24.6#

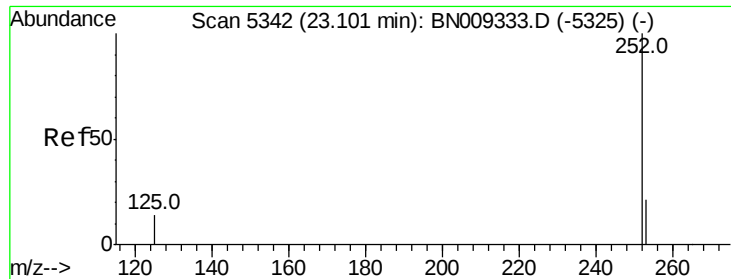


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.006 ng/u1

RT: 23.12 min Scan# 5348

Delta R.T. 0.02 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampleId :

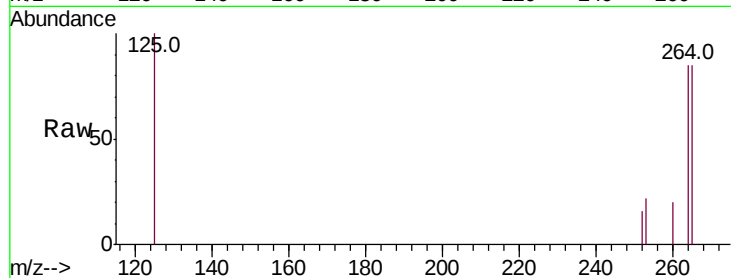
Tot Ion:252 Resp: 139

Ion Ratio Lower Upper

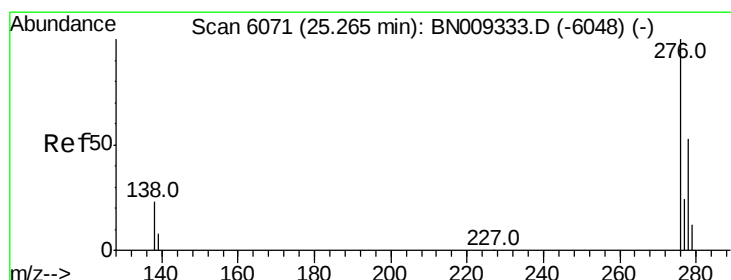
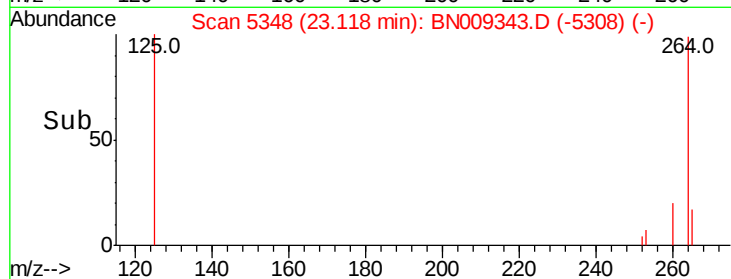
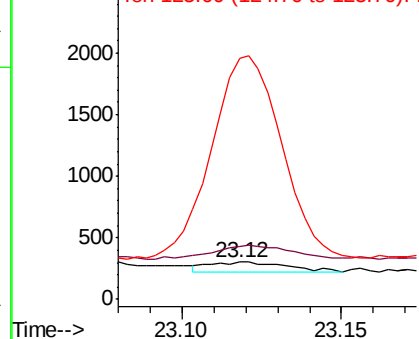
252 100

253 143.1 22.7 34.1#

125 644.7 17.0 25.6#



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: 0.002 ng/u1

RT: 25.28 min Scan# 6076

Delta R.T. 0.02 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

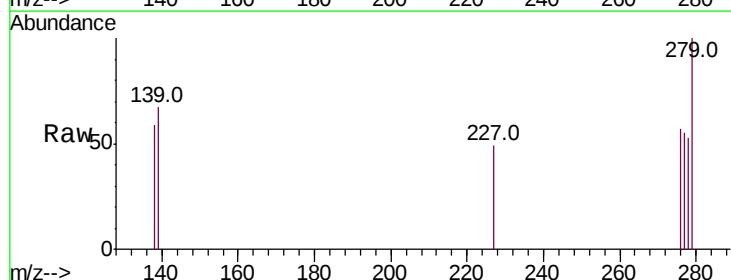
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

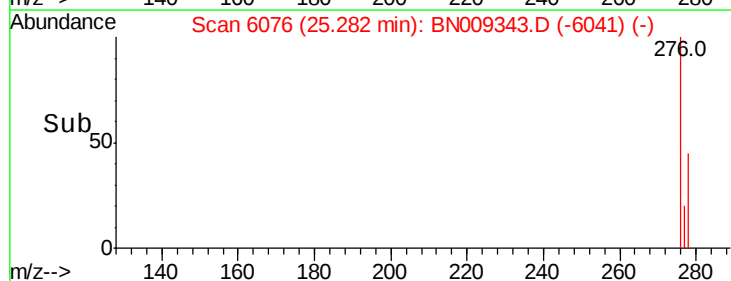
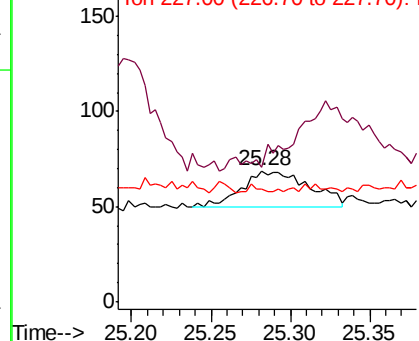
276 100

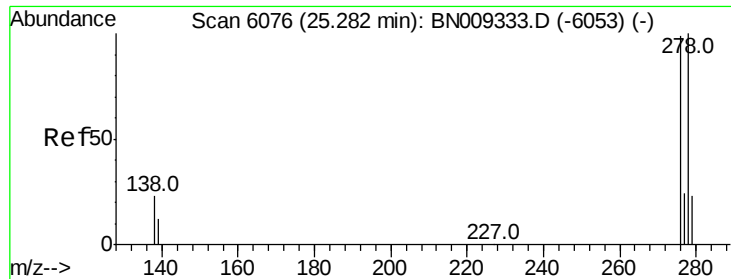
138 0.0 19.4 29.2#

227 5.6 0.0 0.0#



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: 0.001 ng/u1

RT: 25.29 min Scan# 6077

Delta R.T. 0.00 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

Instrument :

BNA_N

ClientSampleId :

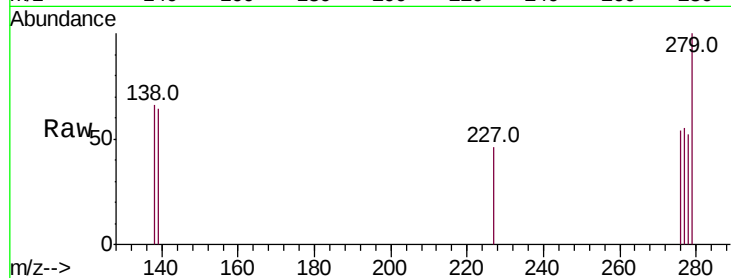
Tot Ion:278 Resp: 25

Ion Ratio Lower Upper

278 100

139 123.1 15.3 22.9#

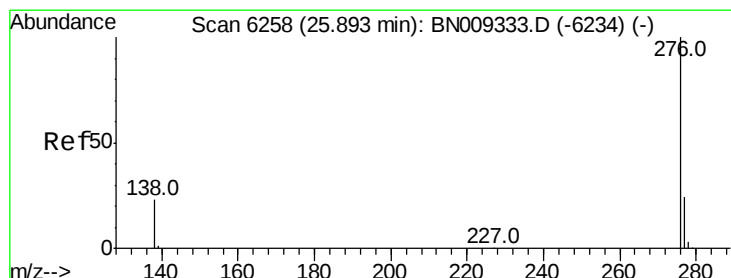
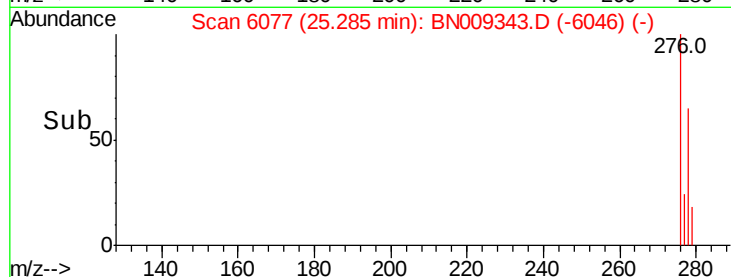
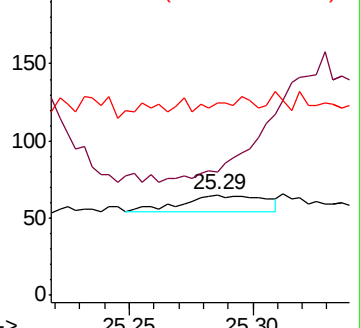
279 192.3 22.2 33.2#



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: 0.003 ng/u1

RT: 25.91 min Scan# 6264

Delta R.T. 0.02 min

Lab File: BN009343.D

Acq: 10 Jan 2020 20:15

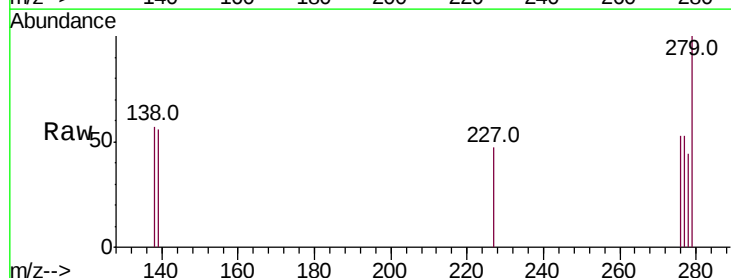
Tgt Ion:276 Resp: 69

Ion Ratio Lower Upper

276 100

138 108.8 20.3 30.5#

277 101.5 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

