

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
 Data File : BN009341.D
 Acq On : 10 Jan 2020 19:03
 Operator : JU
 Sample : PB125832BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 10 23:08:17 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

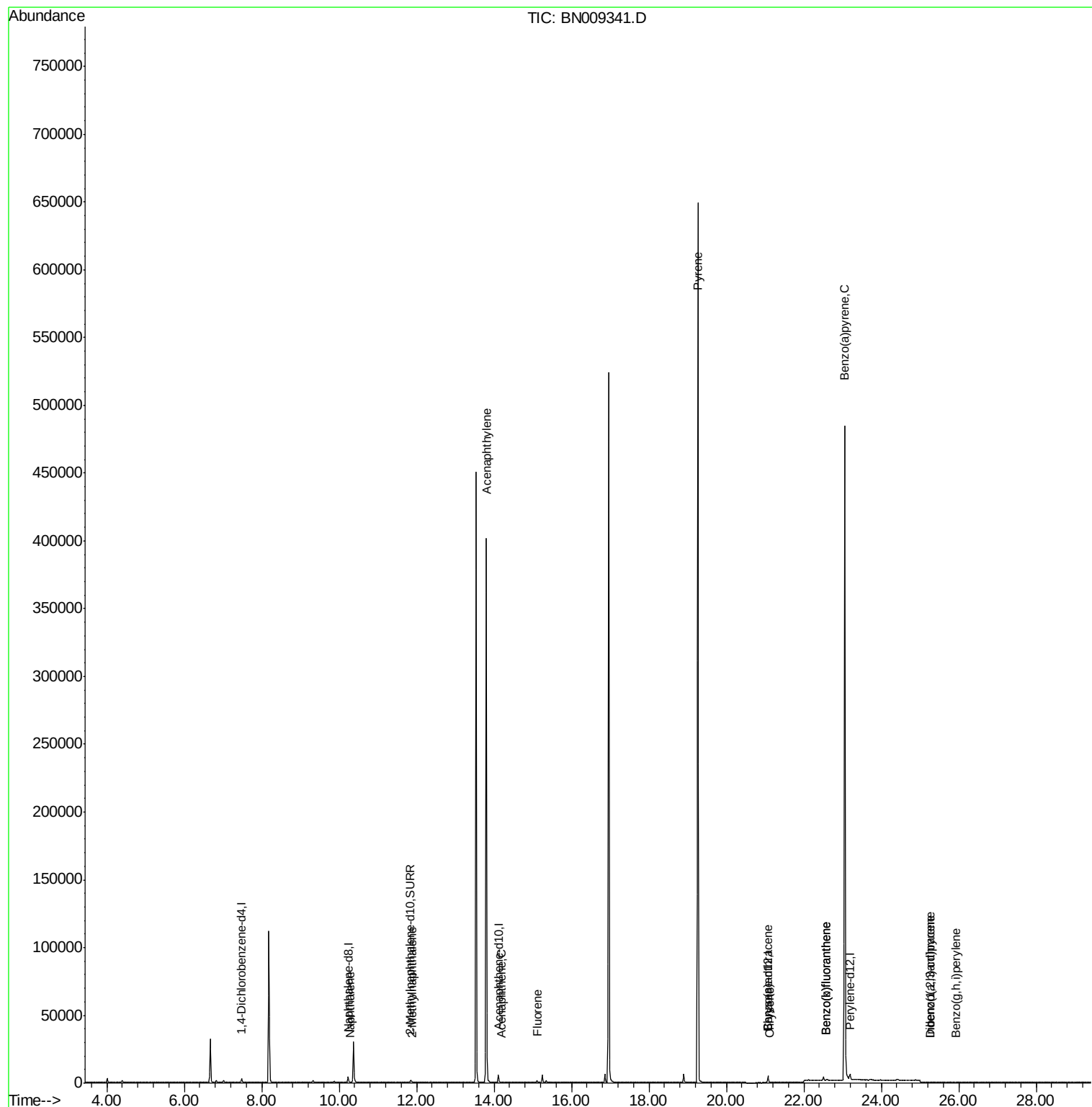
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1468	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	5386	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	3208	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.87
16) Chrysene-d12	21.07	240	5230	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	5875	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	3020	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	7011	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.28	128	21	0.001	ng/ul#	1
5) 2-Methylnaphthalene	11.89	142	2	0.000	ng/ul#	34
7) Acenaphthylene	13.79	152	66	0.004	ng/ul#	1
8) Acenaphthene	14.17	153	16	0.001	ng/ul#	71
9) Fluorene	15.11	166	1088	0.072	ng/ul#	17
17) Pyrene	19.26	202	1095	0.044	ng/ul#	1
18) Benzo(a)anthracene	21.06	228	155	0.007	ng/ul#	41
19) Chrysene	21.11	228	229	0.009	ng/ul#	56
21) Benzo(b)fluoranthene	22.57	252	243	0.009	ng/ul#	1
22) Benzo(k)fluoranthene	22.57	252	243	0.008	ng/ul#	1
23) Benzo(a)pyrene	23.05	252	2379	0.091	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.26	276	1	0.000	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.27	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	25.93	276	58	0.002	ng/ul#	1

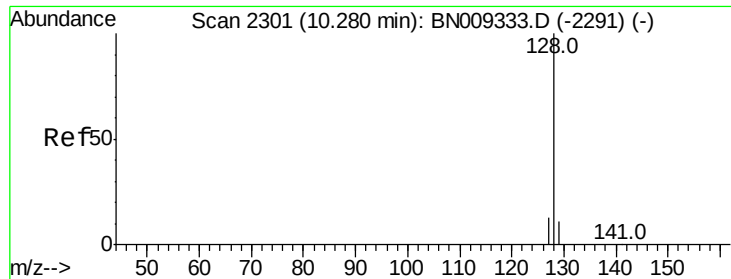
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

Instrument :

BNA_N

ClientSampled :

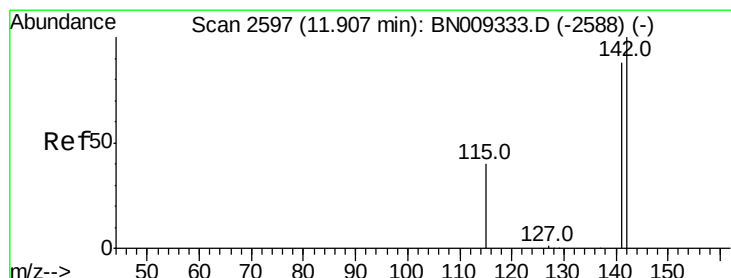
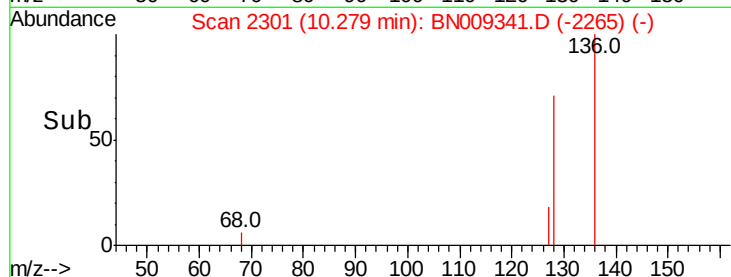
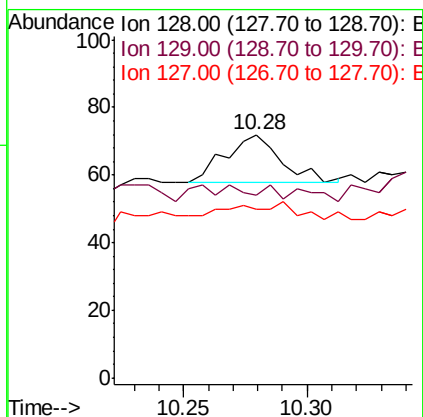
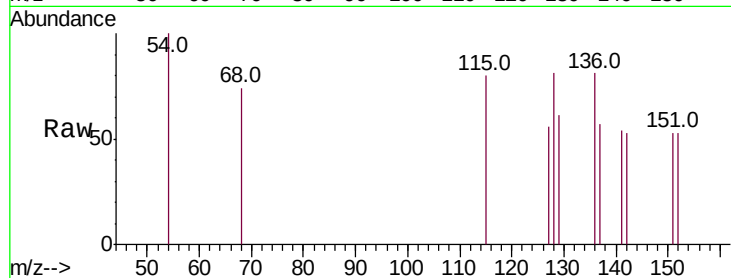
Tot Ion:128 Resp: 21

Ion Ratio Lower Upper

128 100

129 75.0 9.9 14.9#

127 69.4 11.3 16.9#



#5

2-Methylnaphthalene

Concen: 0.000 ng/ul

RT: 11.89 min Scan# 2594

Delta R.T. -0.02 min

Lab File: BN009341.D

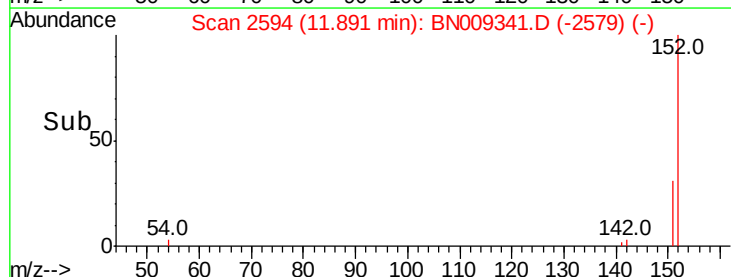
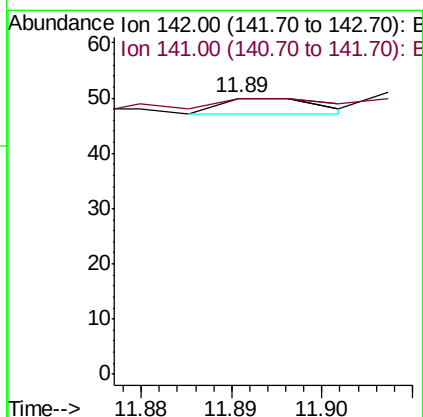
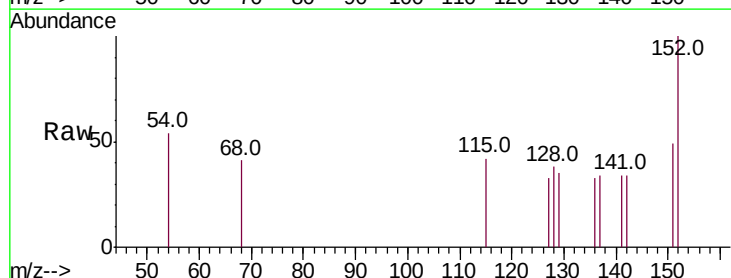
Acq: 10 Jan 2020 19:03

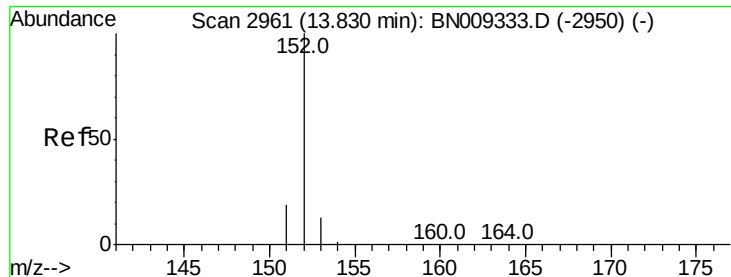
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 150.0 70.6 106.0#





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.79 min Scan# 2953

Delta R.T. -0.04 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

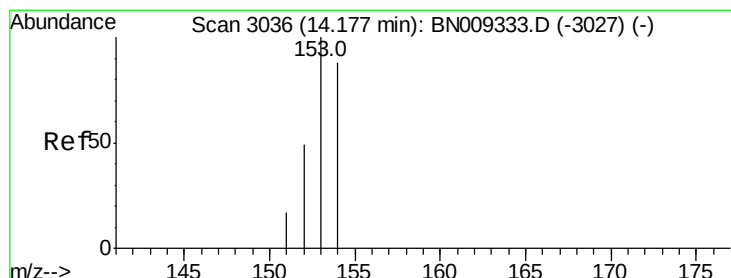
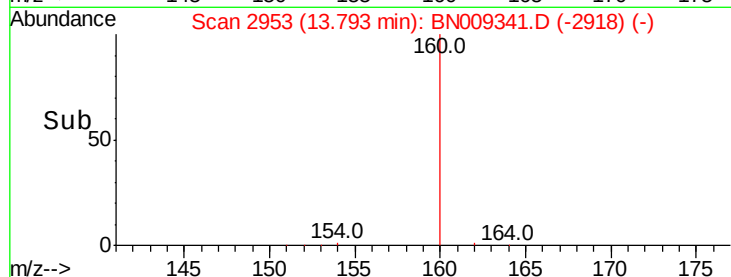
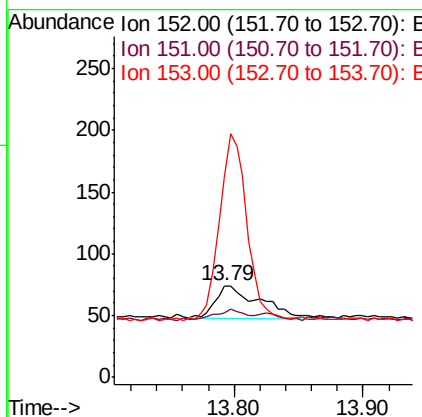
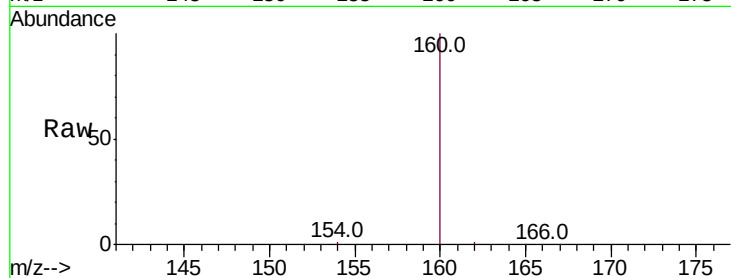
Instrument :

BNA_N

ClientSampled :

Tot Ion:152 Resp: 66

Ion	Ratio	Lower	Upper
152	100		
151	70.3	16.1	24.1#
153	218.9	11.2	16.8#



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.17 min Scan# 3034

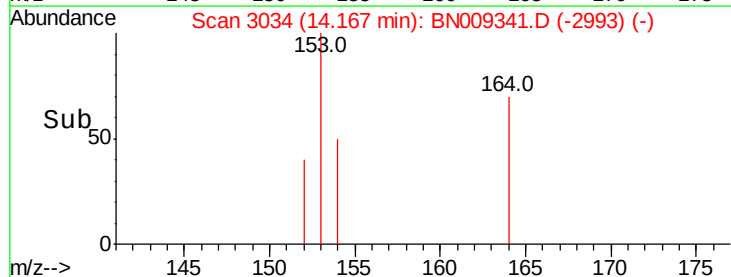
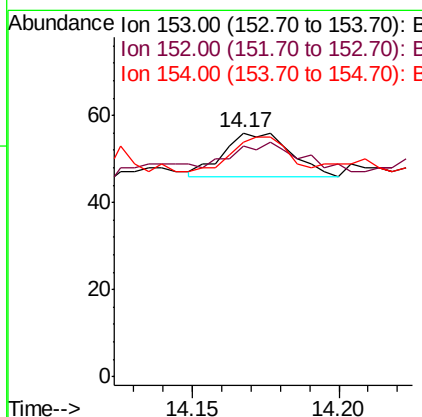
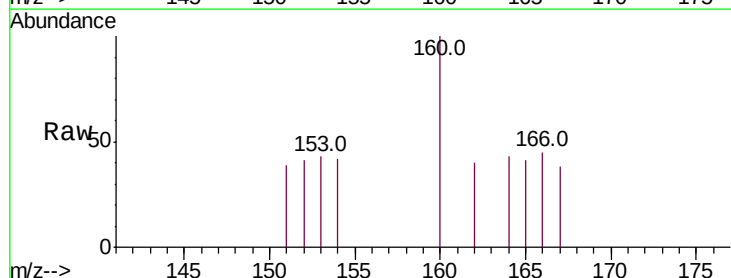
Delta R.T. -0.01 min

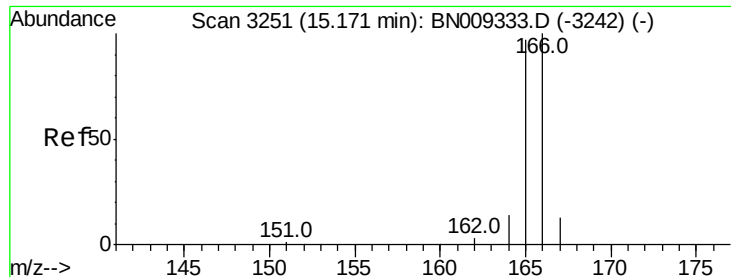
Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

Tgt Ion:153 Resp: 16

Ion	Ratio	Lower	Upper
153	100		
152	94.6	39.9	59.9#
154	96.4	70.8	106.2

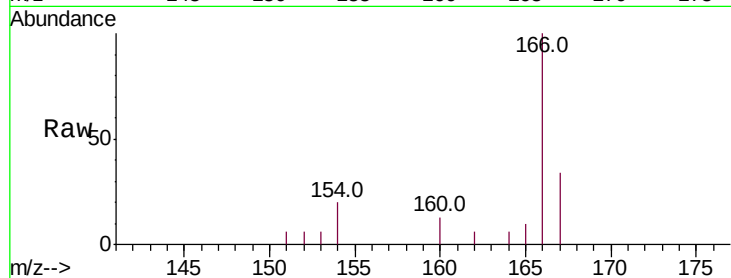




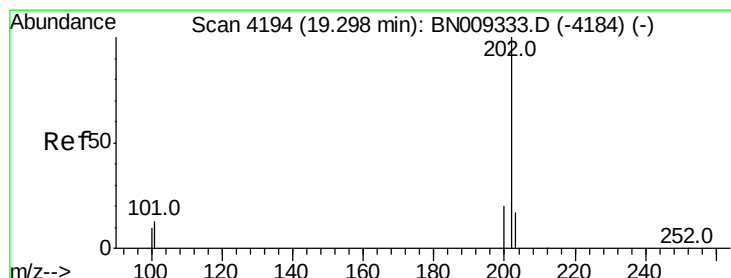
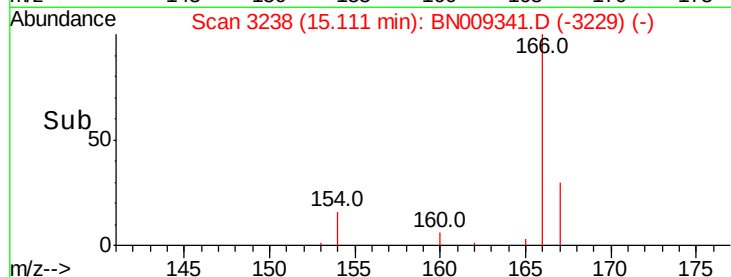
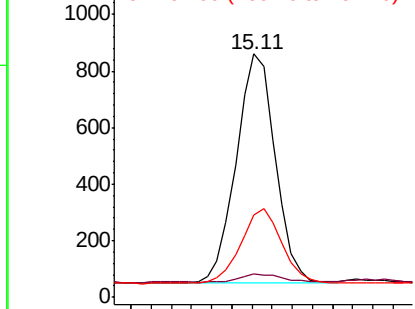
#9
Fluorene
Concen: 0.072 ng/ul
RT: 15.11 min Scan# 3238
Delta R.T. -0.06 min
Lab File: BN009341.D
Acq: 10 Jan 2020 19:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:166 Resp: 1088
Ion Ratio Lower Upper
166 100
165 9.5 77.6 116.4#
167 34.0 11.8 17.6#

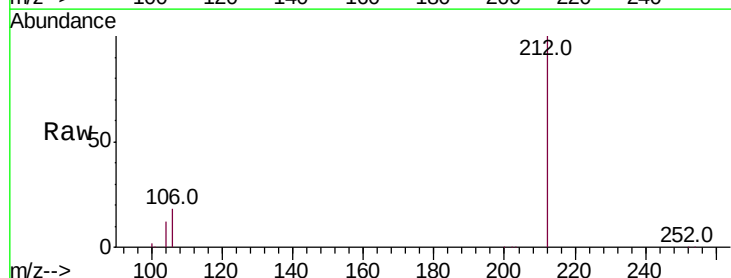


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

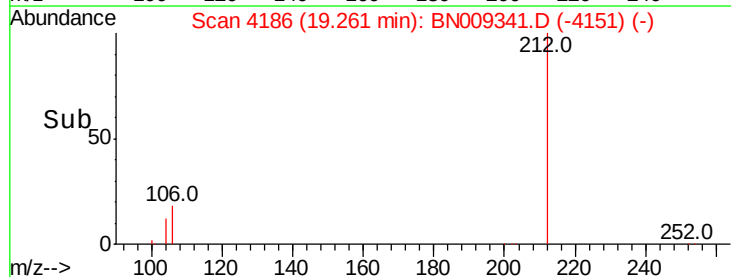
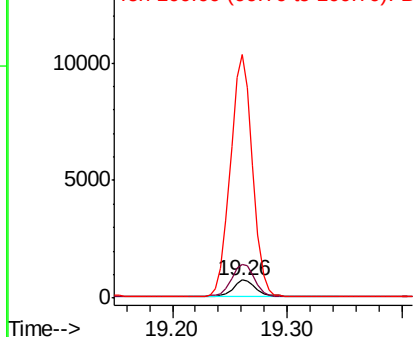


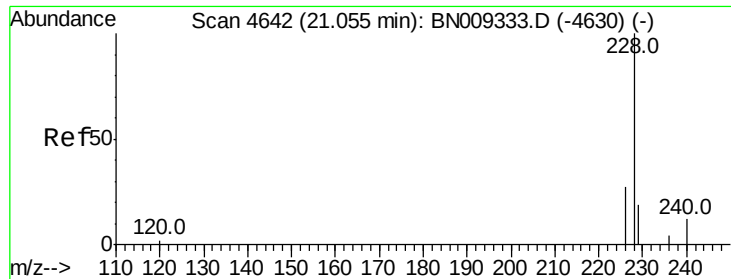
#17
Pyrene
Concen: 0.044 ng/ul
RT: 19.26 min Scan# 4186
Delta R.T. -0.04 min
Lab File: BN009341.D
Acq: 10 Jan 2020 19:03

Tgt Ion:202 Resp: 1095
Ion Ratio Lower Upper
202 100
101 188.5 11.0 16.4#
100 1340.8 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: 0.007 ng/ul

RT: 21.06 min Scan# 4644

Delta R.T. 0.01 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

Instrument :

BNA_N

ClientSampleId :

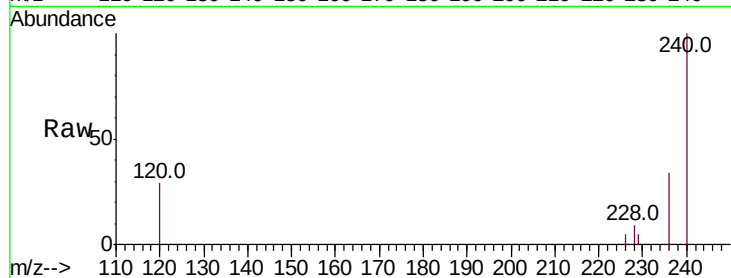
Tot Ion:228 Resp: 155

Ion Ratio Lower Upper

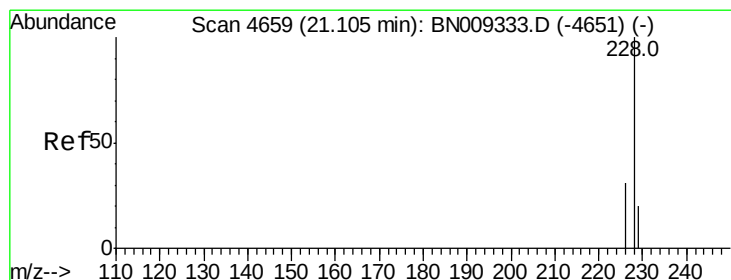
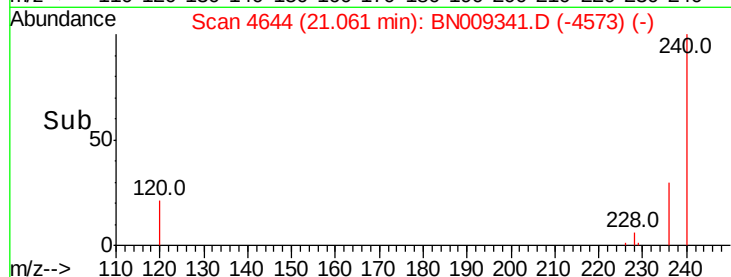
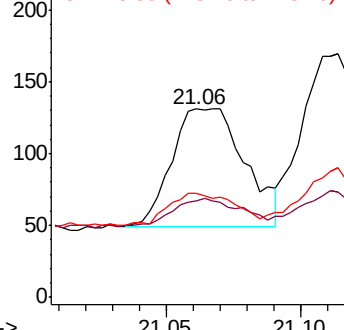
228 100

229 51.1 16.0 24.0#

226 55.0 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: 0.009 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. 0.01 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

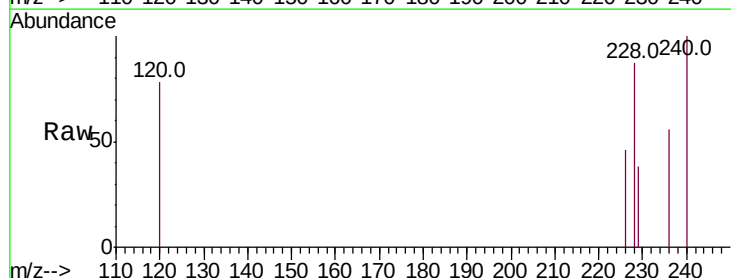
Tgt Ion:228 Resp: 229

Ion Ratio Lower Upper

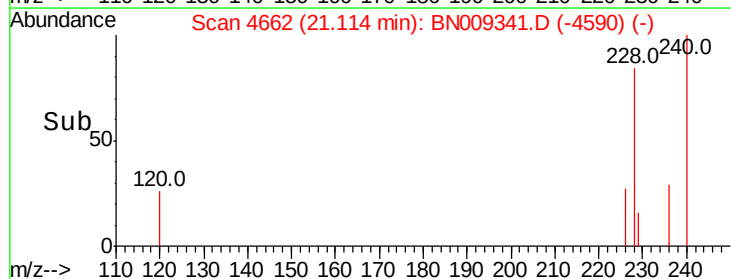
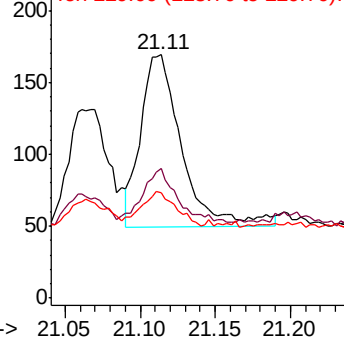
228 100

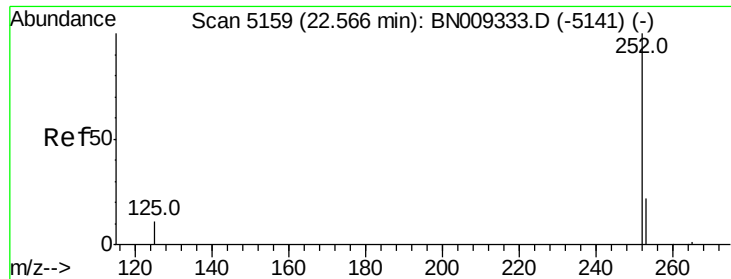
226 53.3 24.7 37.1#

229 43.2 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# 5160

Delta R.T. 0.00 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

Instrument :

BNA_N

ClientSampleId :

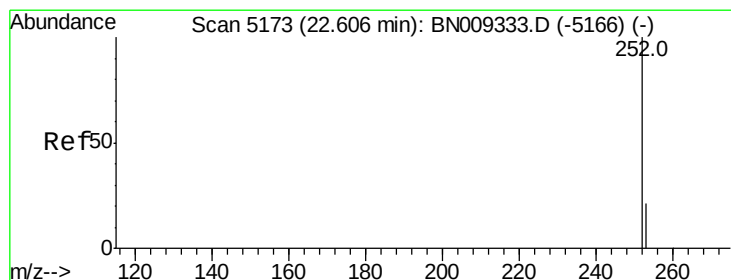
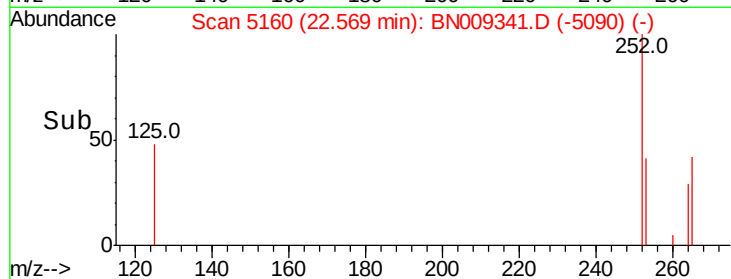
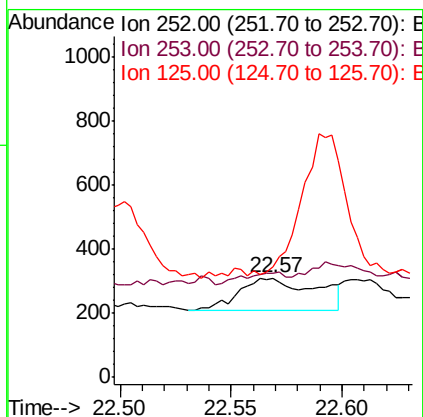
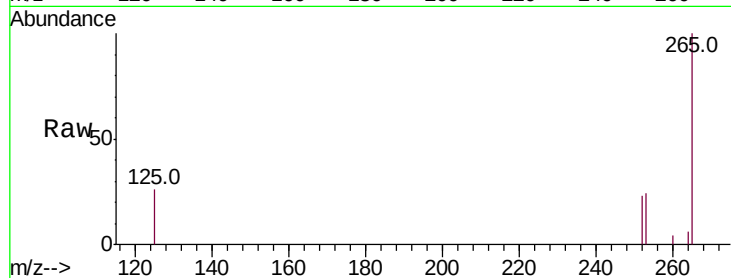
Tot Ion:252 Resp: 243

Ion Ratio Lower Upper

252 100

253 104.8 0.0 52.8#

125 111.0 0.0 32.0#



#22

Benzo(k)fluoranthene

Concen: 0.008 ng/ul

RT: 22.57 min Scan# 5160

Delta R.T. -0.04 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

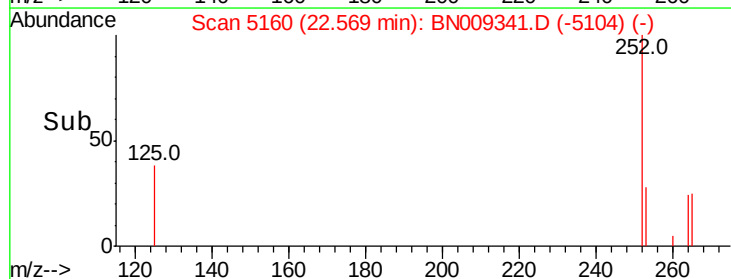
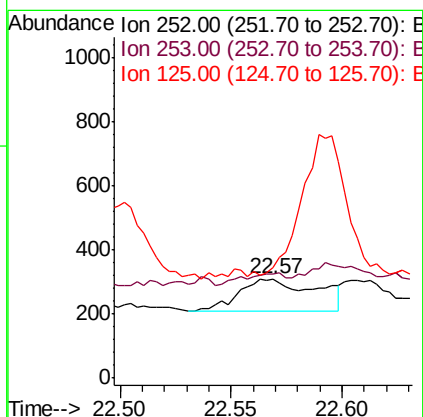
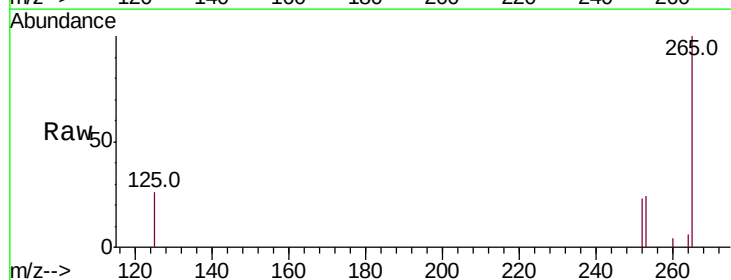
Tgt Ion:252 Resp: 243

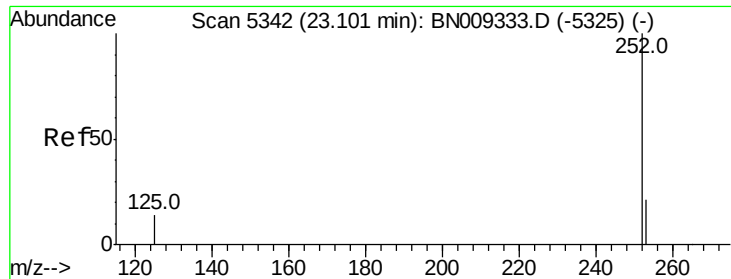
Ion Ratio Lower Upper

252 100

253 104.8 21.4 32.0#

125 111.0 16.4 24.6#





#23

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.05 min Scan# 5326

Delta R.T. -0.05 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

Instrument :

BNA_N

ClientSampleId :

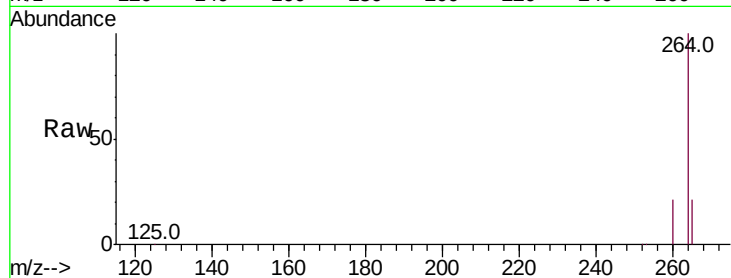
Tot Ion:252 Resp: 2379

Ion Ratio Lower Upper

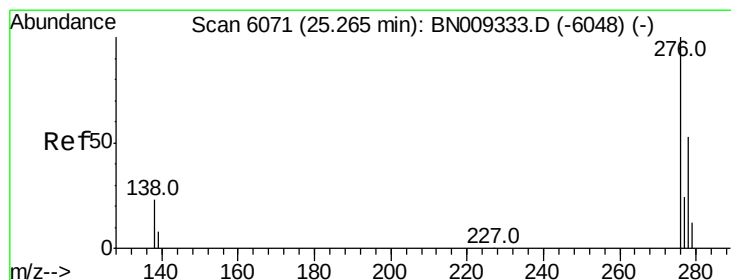
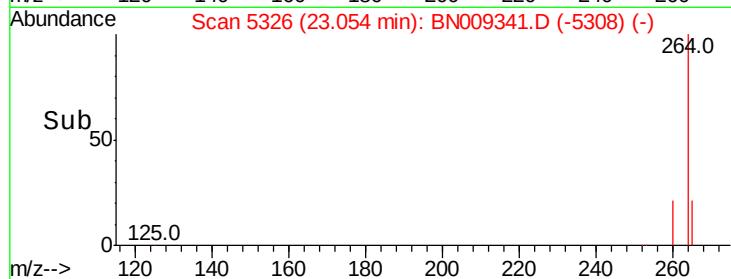
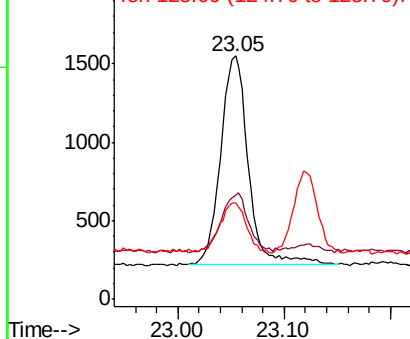
252 100

253 42.8 22.7 34.1#

125 39.4 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: 0.000 ng/ul

RT: 25.26 min Scan# 6070

Delta R.T. -0.00 min

Lab File: BN009341.D

Acq: 10 Jan 2020 19:03

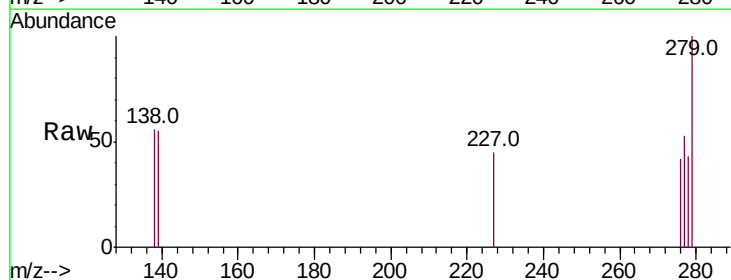
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

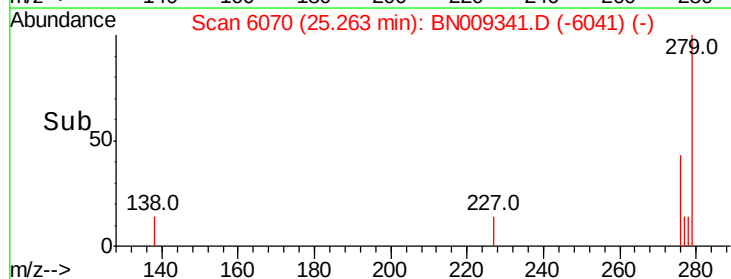
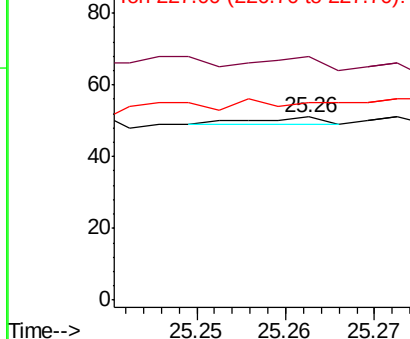
276 100

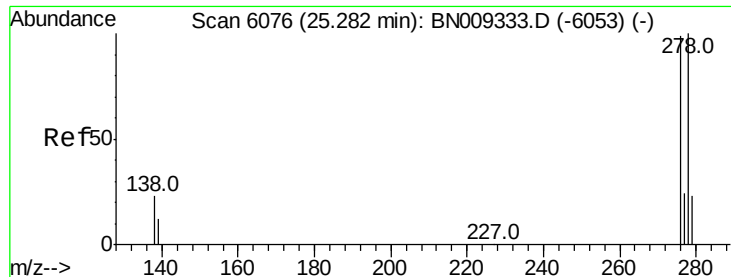
138 0.0 19.4 29.2#

227 200.0 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

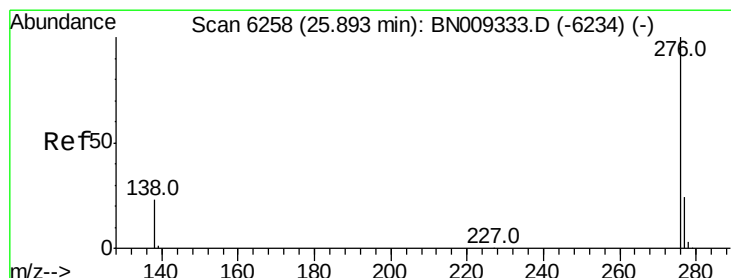
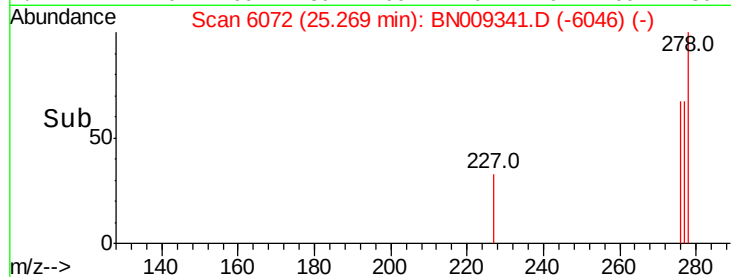
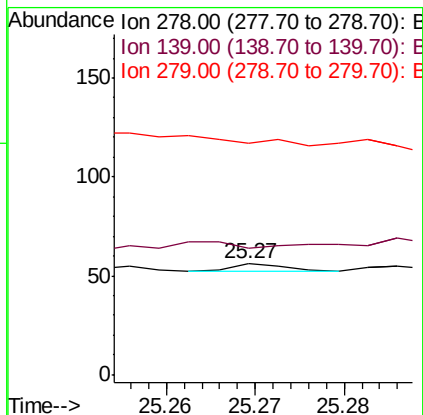
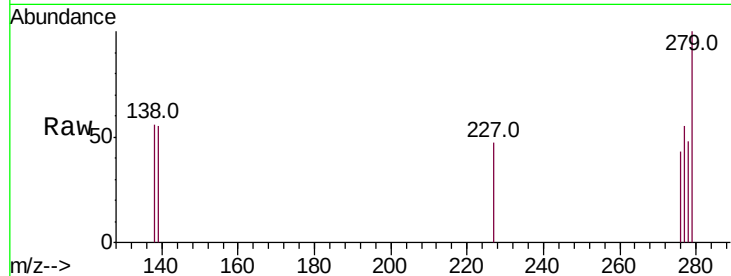




#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.27 min Scan# 6072
Delta R.T. -0.01 min
Lab File: BN009341.D
Acq: 10 Jan 2020 19:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 114.3 15.3 22.9#
279 208.9 22.2 33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.002 ng/ul
RT: 25.93 min Scan# 6269
Delta R.T. 0.04 min
Lab File: BN009341.D
Acq: 10 Jan 2020 19:03

Tgt Ion:276 Resp: 58
Ion Ratio Lower Upper
276 100
138 107.6 20.3 30.5#
277 98.5 20.4 30.6#

