

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
 Data File : BN009340.D
 Acq On : 10 Jan 2020 18:28
 Operator : JU
 Sample : PB125830BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 10 23:08:11 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	1424	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	5102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	3088	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.87
16) Chrysene-d12	21.08	240	5040	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	5770	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	2840	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	6763	0.00	ng/ul	0.00

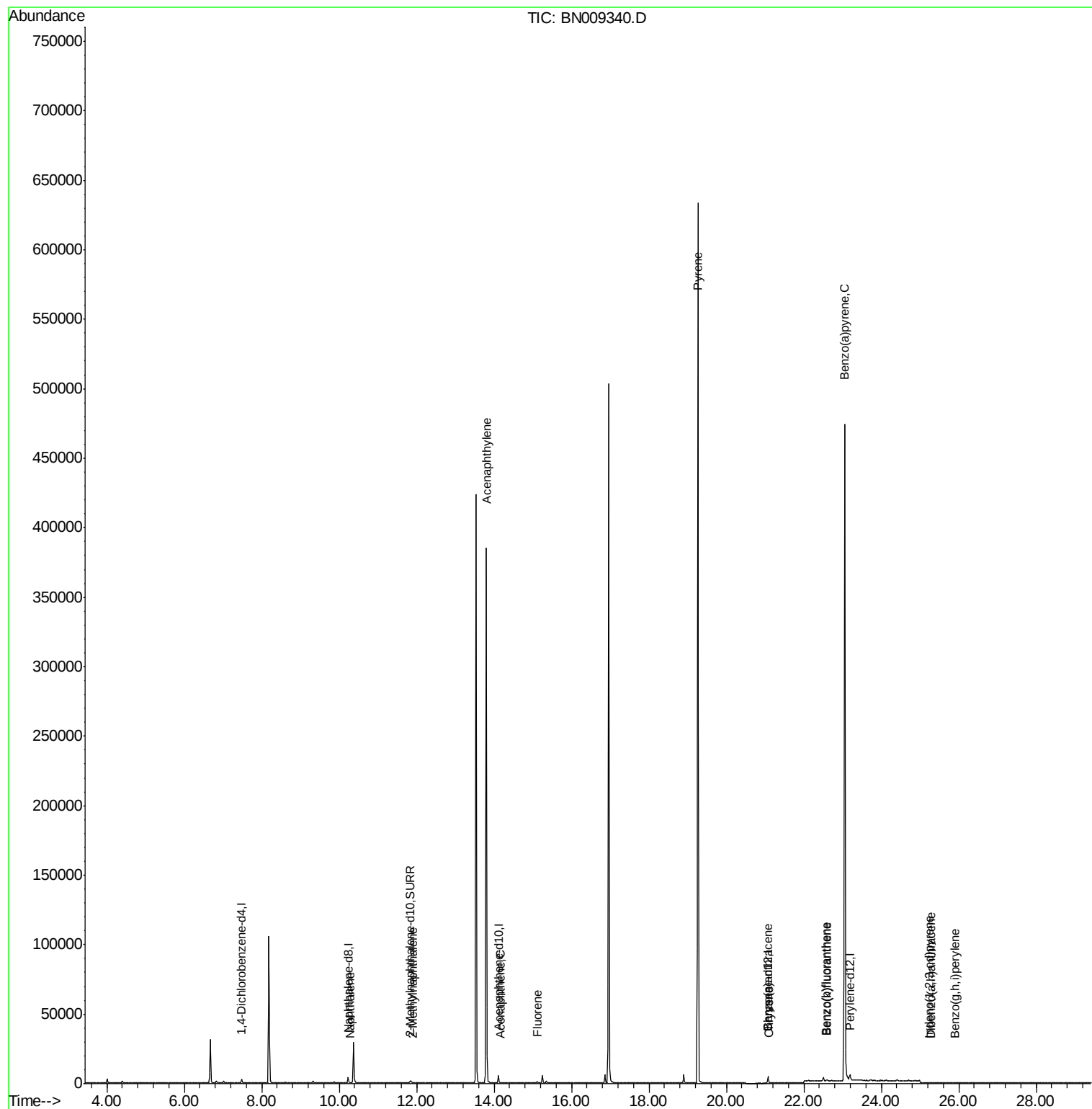
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	30	0.002	ng/ul#	1
5) 2-Methylnaphthalene	11.91	142	11	0.001	ng/ul#	68
7) Acenaphthylene	13.80	152	64	0.004	ng/ul#	1
8) Acenaphthene	14.17	153	14	0.001	ng/ul#	70
9) Fluorene	15.11	166	1044	0.072	ng/ul#	17
17) Pyrene	19.26	202	1072	0.044	ng/ul#	1
18) Benzo(a)anthracene	21.07	228	153	0.007	ng/ul#	46
19) Chrysene	21.11	228	194	0.008	ng/ul#	62
21) Benzo(b)fluoranthene	22.57	252	176	0.007	ng/ul#	1
22) Benzo(k)fluoranthene	22.61	252	144	0.005	ng/ul#	1
23) Benzo(a)pyrene	23.05	252	2341	0.091	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.25	276	1	0.000	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.27	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	25.90	276	2	0.000	ng/ul#	1

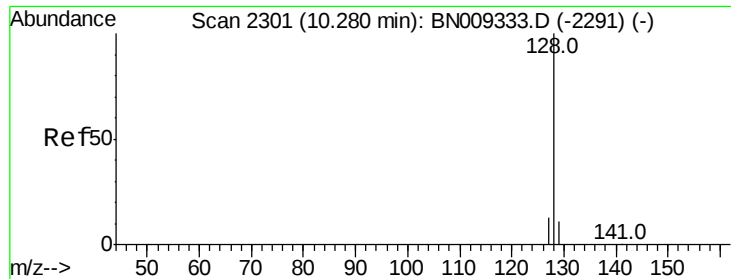
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.002 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

Instrument :

BNA_N

ClientSampleId :

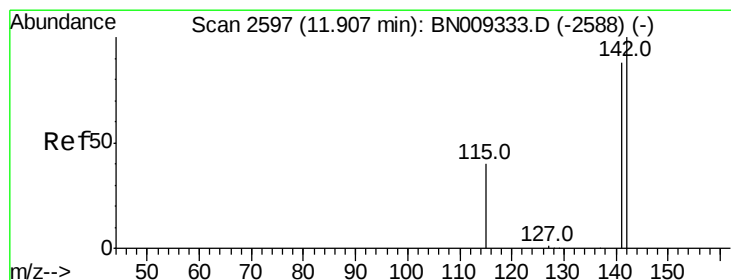
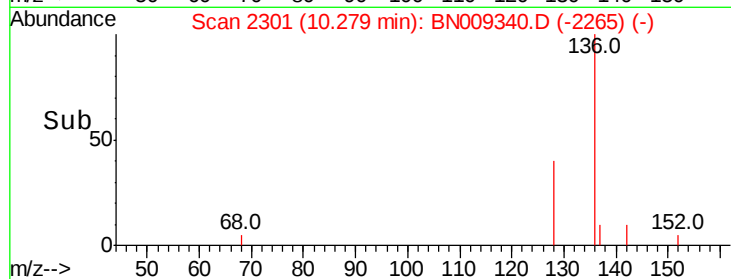
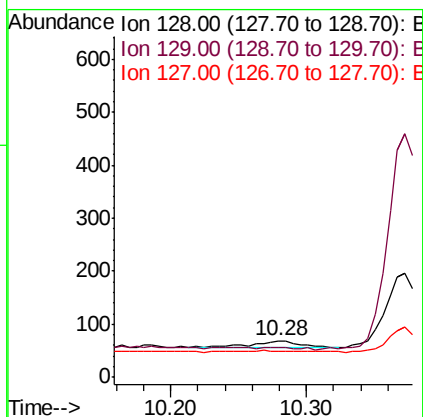
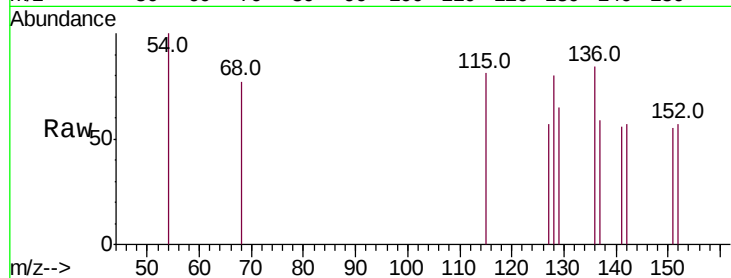
Tot Ion:128 Resp: 30

Ion Ratio Lower Upper

128 100

129 81.2 9.9 14.9#

127 71.0 11.3 16.9#



#5

2-Methylnaphthalene

Concen: 0.001 ng/ul

RT: 11.91 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BN009340.D

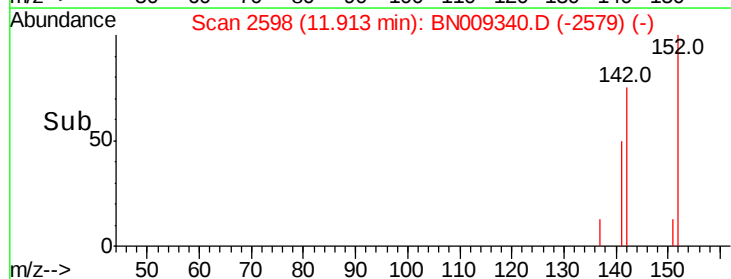
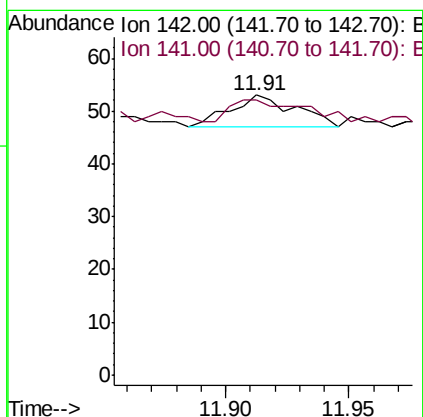
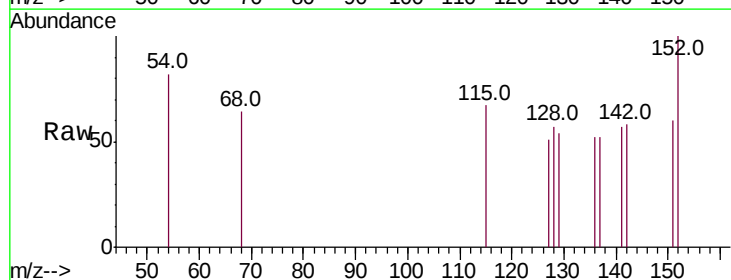
Acq: 10 Jan 2020 18:28

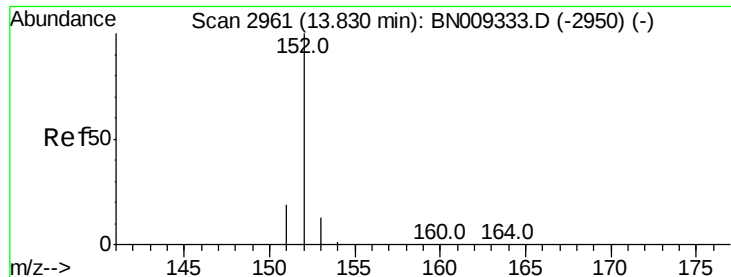
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 118.2 70.6 106.0#





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.80 min Scan# 2954

Delta R.T. -0.03 min

Lab File: BN009340.D

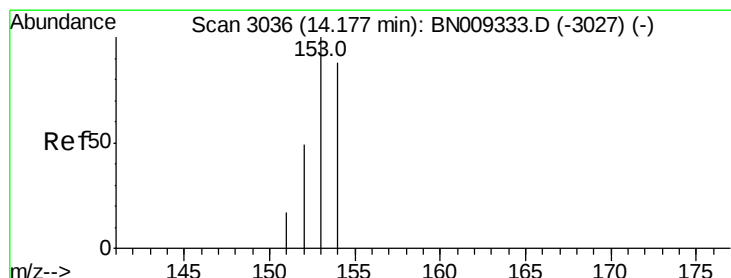
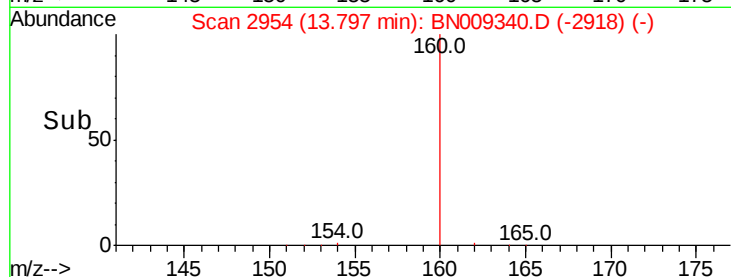
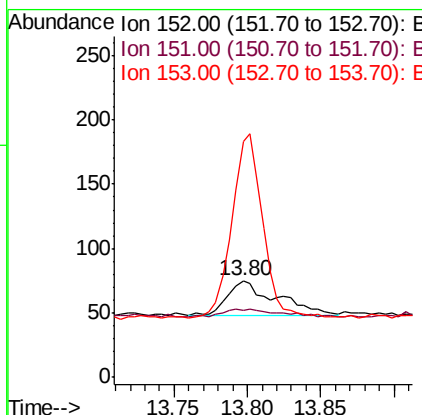
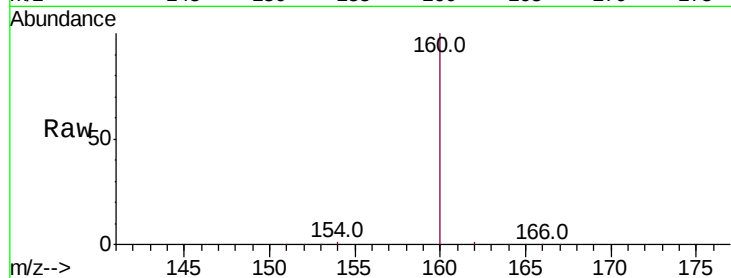
Acq: 10 Jan 2020 18:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	69.3	16.1	24.1#
153	244.0	11.2	16.8#



#8

Acenaphthene

Concen: 0.001 ng/ul

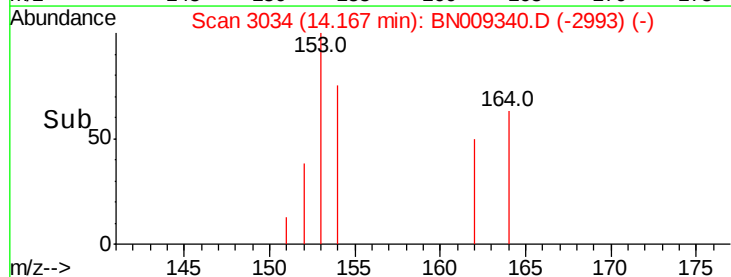
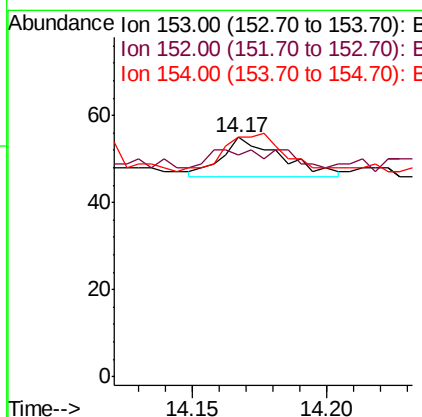
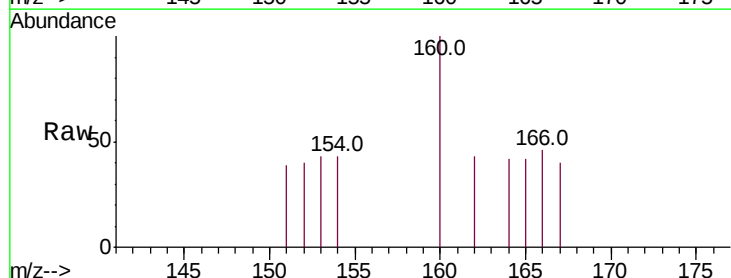
RT: 14.17 min Scan# 3034

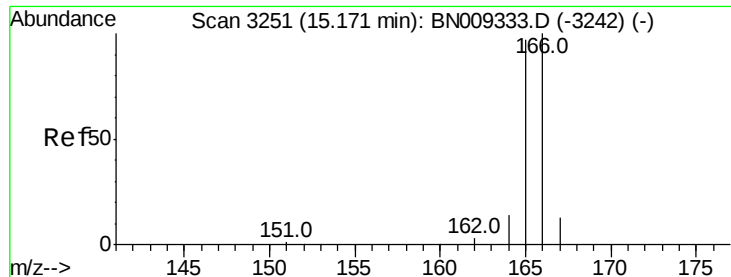
Delta R.T. -0.01 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	92.7	39.9	59.9#
154	100.0	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: BN009340.D

Acq: 10 Jan 2020 18:28

Instrument :

BNA_N

ClientSampleId :

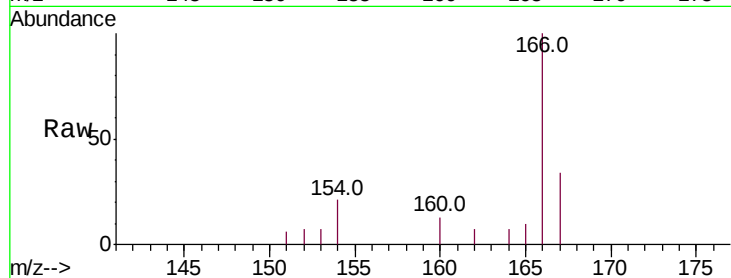
Tot Ion:166 Resp: 1044

Ion Ratio Lower Upper

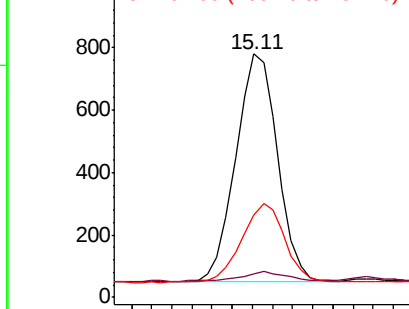
166 100

165 9.7 77.6 116.4#

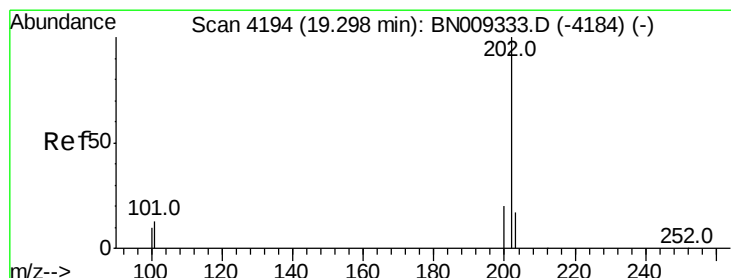
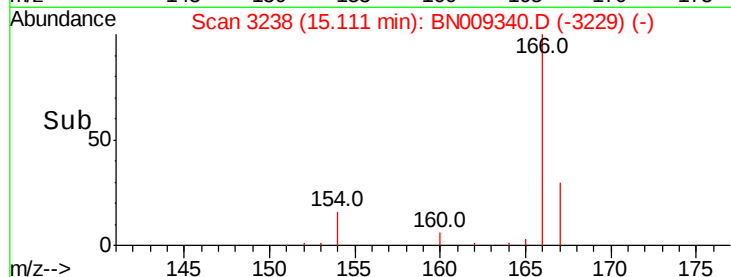
167 34.1 11.8 17.6#



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



Time-->



#17

Pyrene

Concen: 0.044 ng/ul

RT: 19.26 min Scan# 4187

Delta R.T. -0.03 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

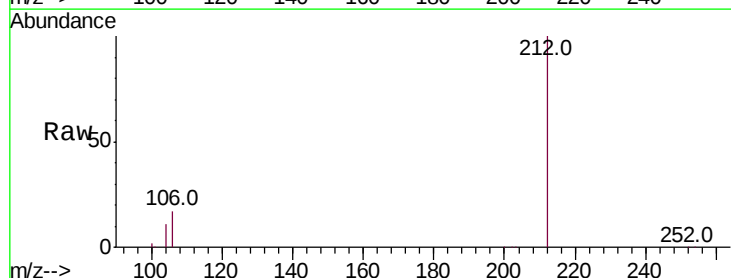
Tgt Ion:202 Resp: 1072

Ion Ratio Lower Upper

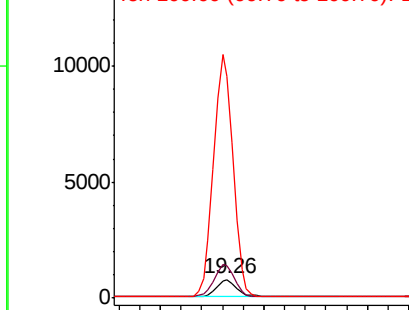
202 100

101 176.0 11.0 16.4#

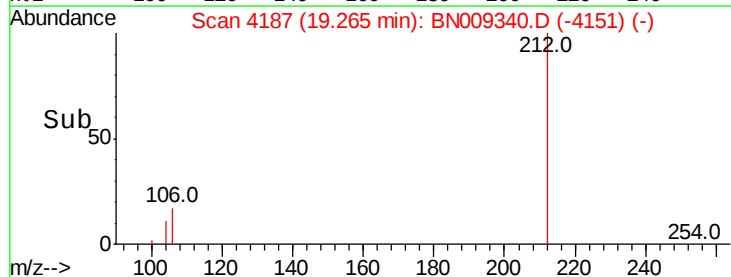
100 1196.5 8.5 12.7#

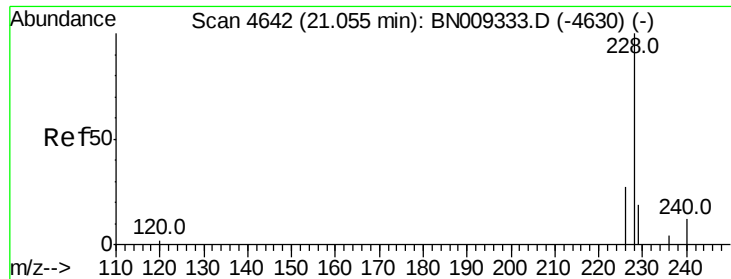


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 0.007 ng/ul

RT: 21.07 min Scan# 4646

Delta R.T. 0.01 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

Instrument :

BNA_N

ClientSampleId :

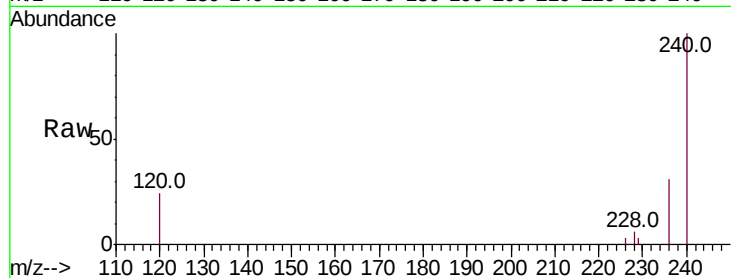
Tot Ion:228 Resp: 153

Ion Ratio Lower Upper

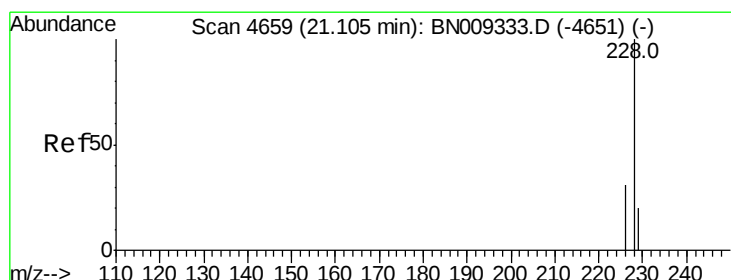
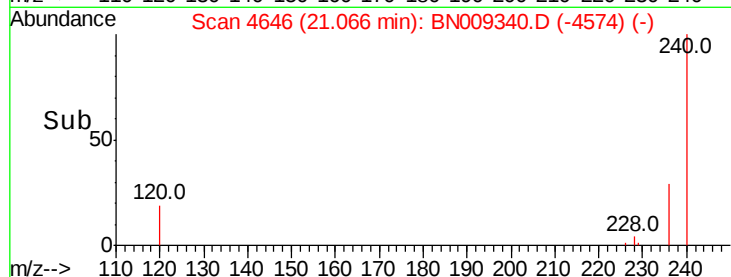
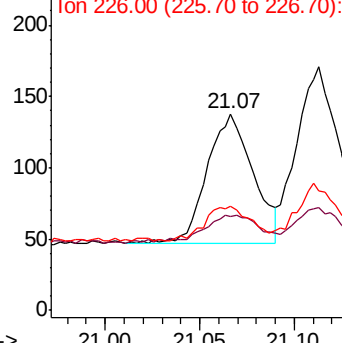
228 100

229 47.8 16.0 24.0#

226 52.9 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: 0.008 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. 0.01 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

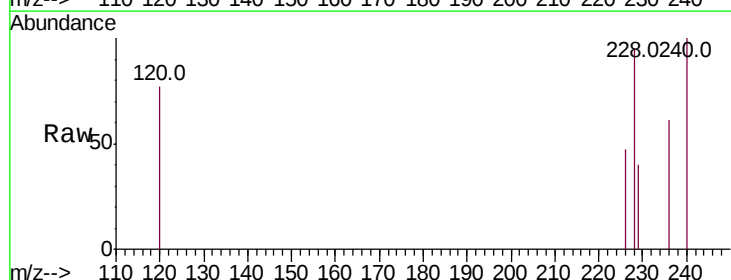
Tgt Ion:228 Resp: 194

Ion Ratio Lower Upper

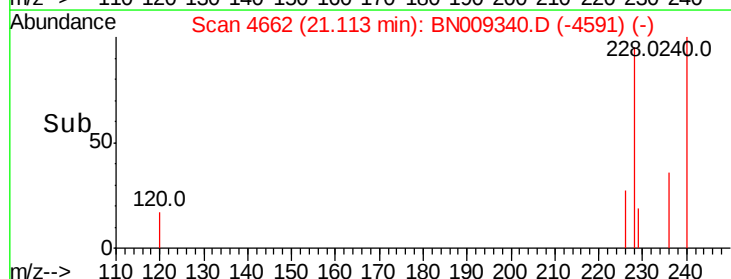
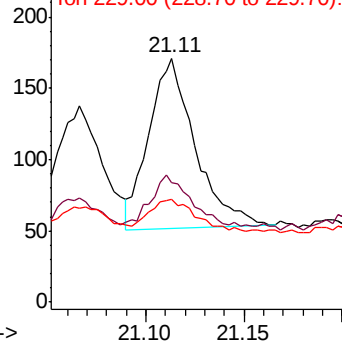
228 100

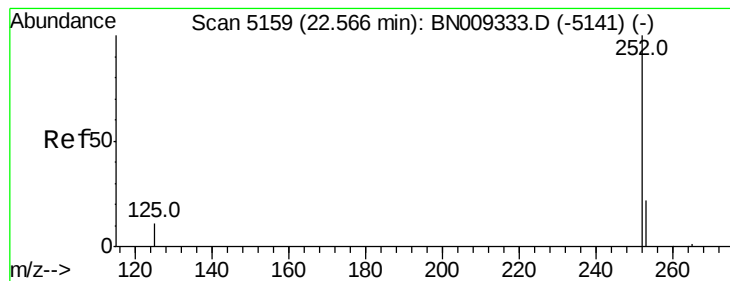
226 49.1 24.7 37.1#

229 42.1 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: 0.007 ng/ul

RT: 22.57 min Scan# 5161

Delta R.T. 0.01 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

Instrument :

BNA_N

ClientSampleId :

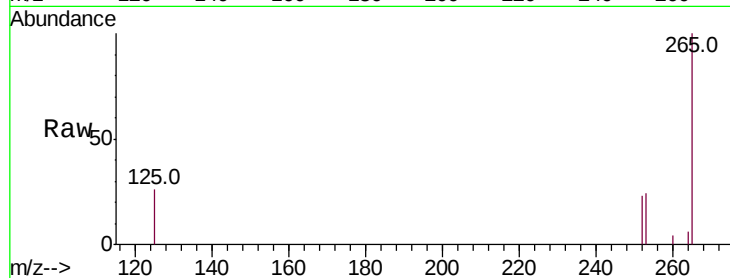
Tot Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 105.6 0.0 52.8#

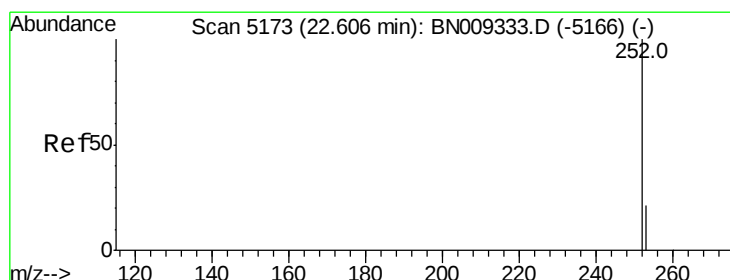
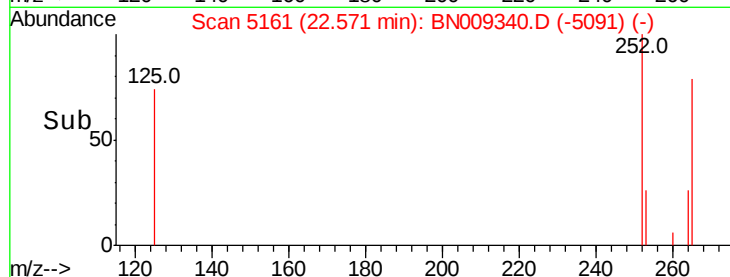
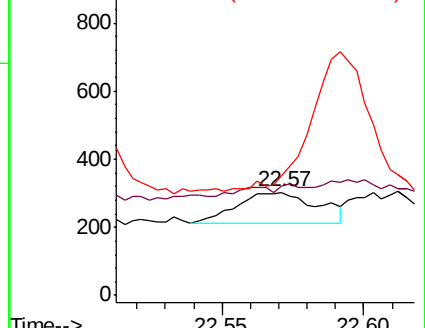
125 115.5 0.0 32.0#



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: 0.005 ng/ul

RT: 22.61 min Scan# 5175

Delta R.T. 0.01 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

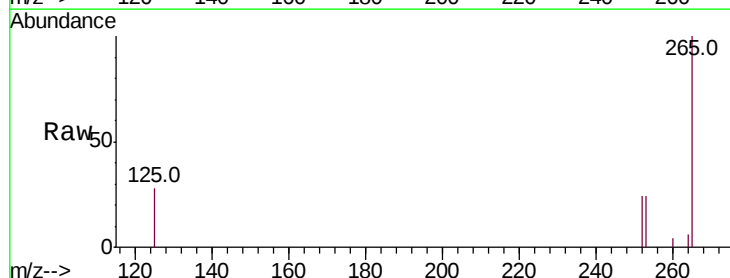
Tgt Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 102.6 21.4 32.0#

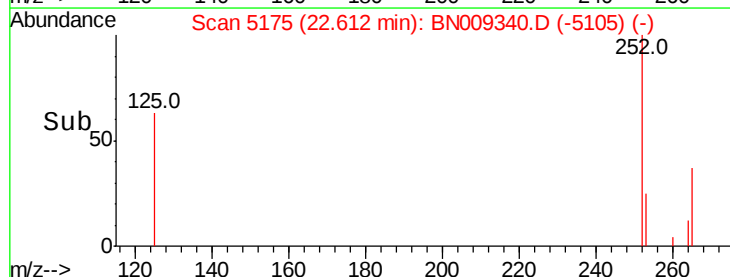
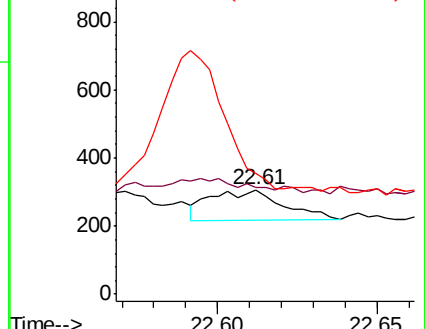
125 116.3 16.4 24.6#

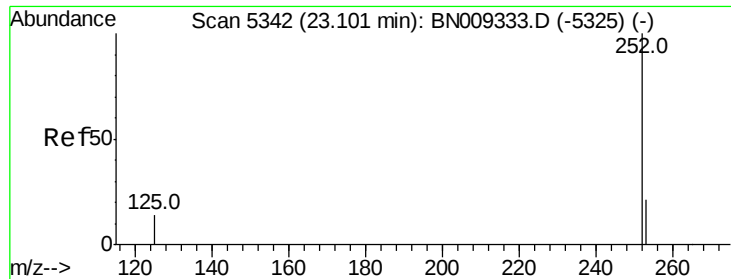


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.091 ng/u1

RT: 23.05 min Scan# 5326

Delta R.T. -0.05 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

Instrument :

BNA_N

ClientSampleId :

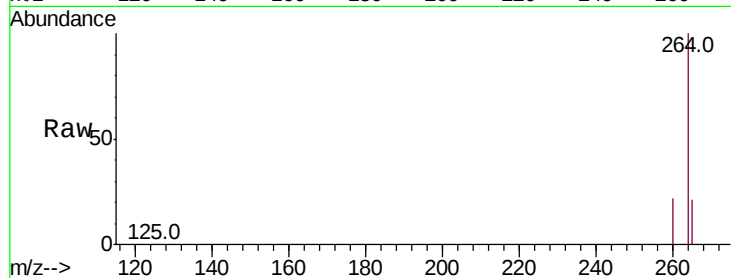
Tot Ion:252 Resp: 2341

Ion Ratio Lower Upper

252 100

253 42.7 22.7 34.1#

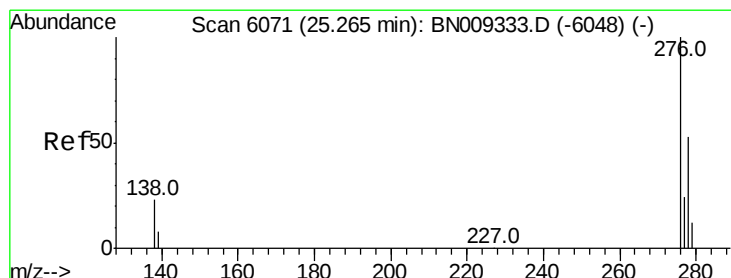
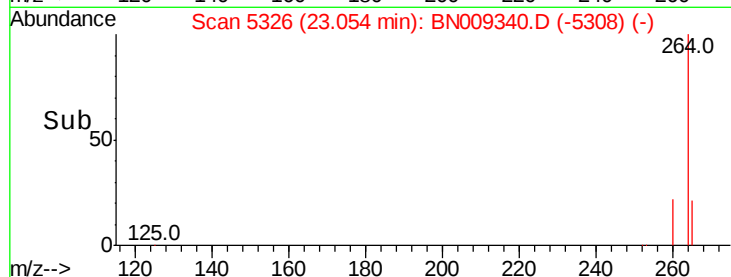
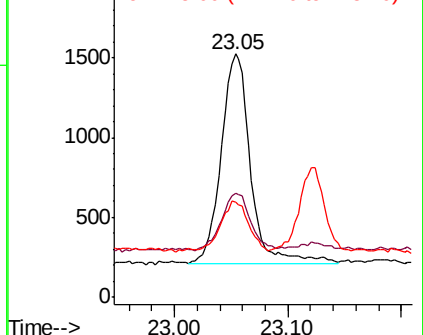
125 39.3 17.0 25.6#



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/u1

RT: 25.25 min Scan# 6067

Delta R.T. -0.01 min

Lab File: BN009340.D

Acq: 10 Jan 2020 18:28

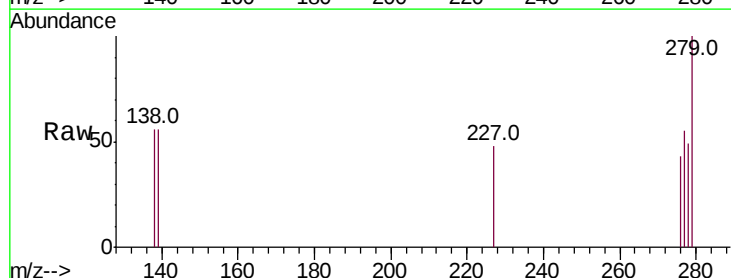
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.2#

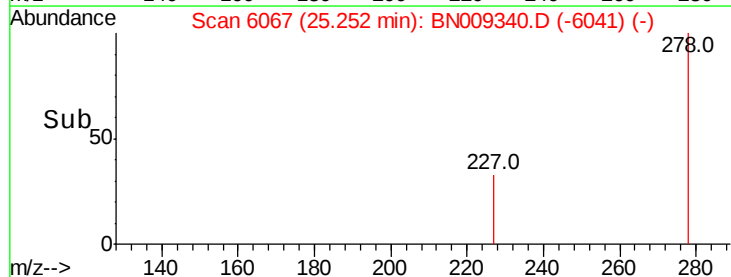
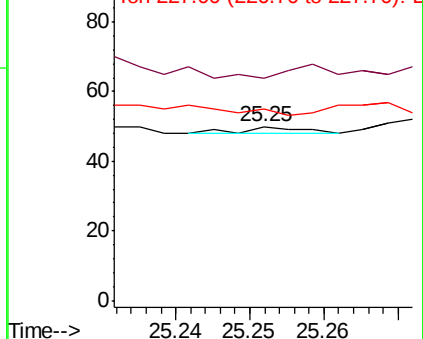
227 0.0 0.0 0.0

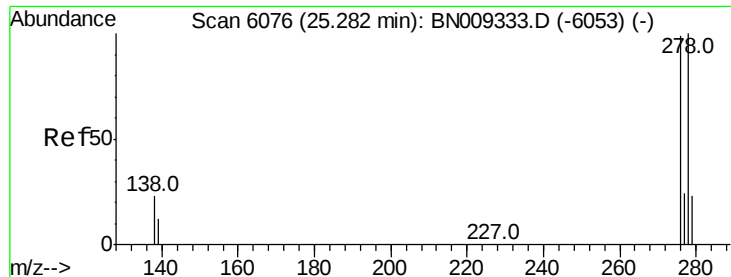


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



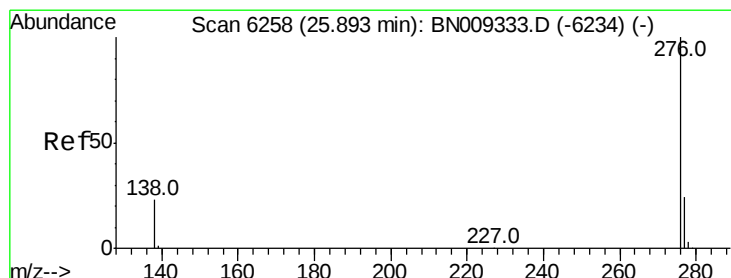
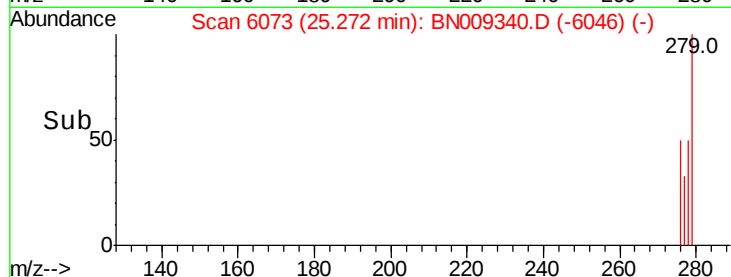
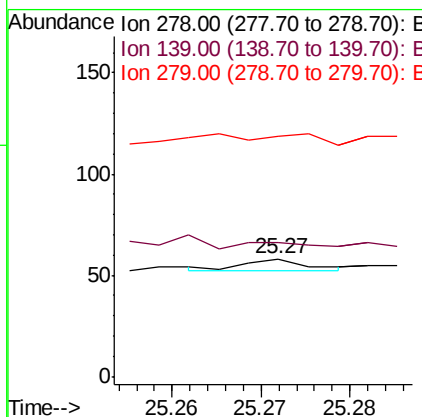
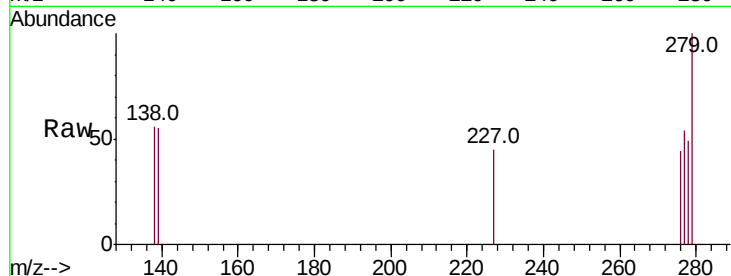


#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.27 min Scan# 6073
Delta R.T. -0.01 min
Lab File: BN009340.D
Acq: 10 Jan 2020 18:28

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	113.8	15.3	22.9#
279	205.2	22.2	33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.000 ng/u1
RT: 25.90 min Scan# 6259
Delta R.T. 0.00 min
Lab File: BN009340.D
Acq: 10 Jan 2020 18:28

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	128.8	20.3	30.5#
277	119.2	20.4	30.6#

