

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
 Data File : BN009346.D
 Acq On : 10 Jan 2020 22:03
 Operator : JU
 Sample : K6466-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 10 23:08:45 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

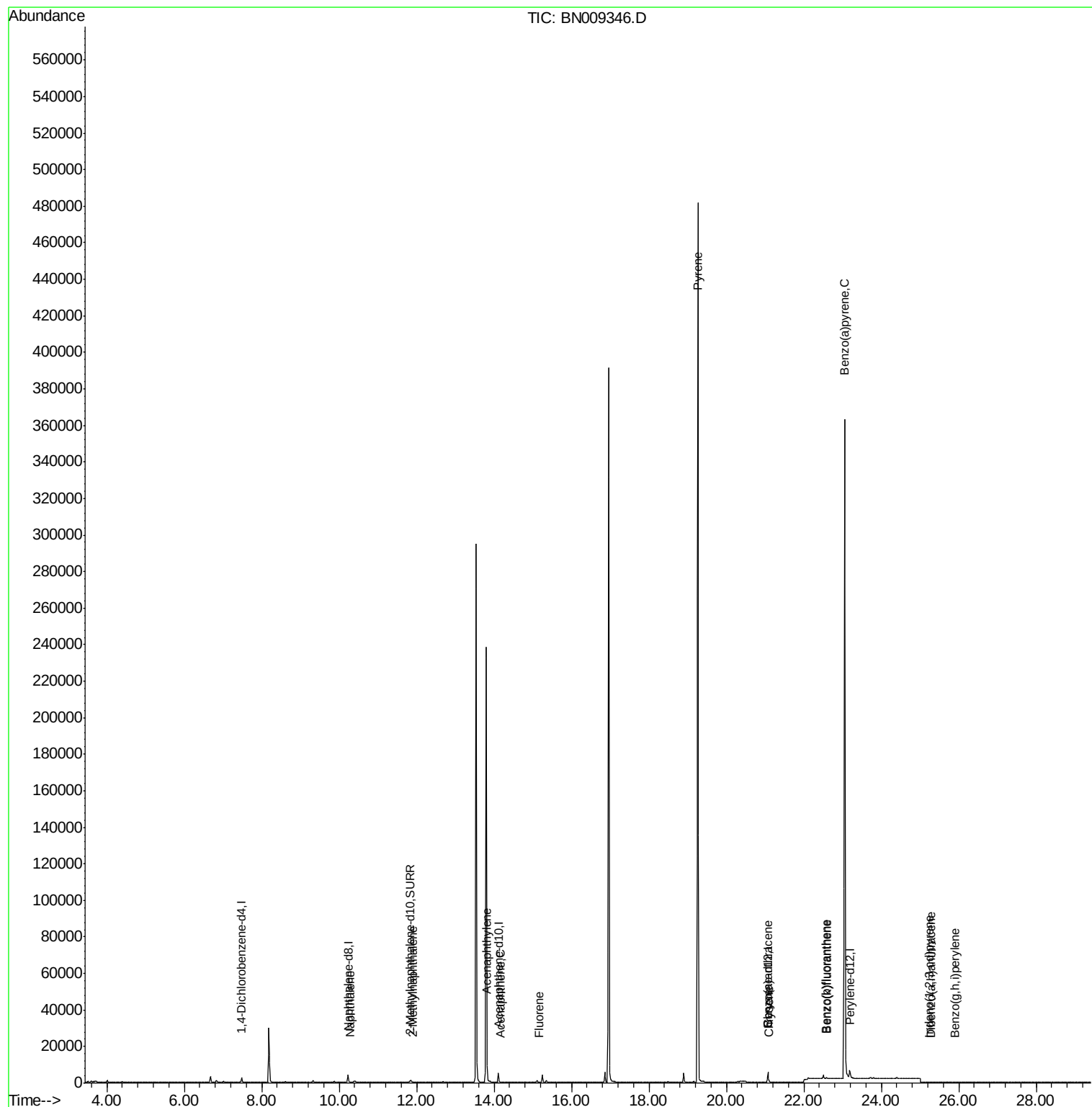
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1365	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	5016	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	2927	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.87
16) Chrysene-d12	21.07	240	5313	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	5761	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	1742	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5325	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.28	128	60	0.004	ng/ul#	1
5) 2-Methylnaphthalene	11.91	142	27	0.003	ng/ul	87
7) Acenaphthylene	13.82	152	12	0.001	ng/ul#	1
8) Acenaphthene	14.18	153	18	0.001	ng/ul#	74
9) Fluorene	15.17	166	23	0.002	ng/ul#	75
17) Pyrene	19.26	202	864	0.034	ng/ul#	1
18) Benzo(a)anthracene	21.06	228	256	0.011	ng/ul#	41
19) Chrysene	21.10	228	237	0.009	ng/ul#	53
21) Benzo(b)fluoranthene	22.56	252	181	0.007	ng/ul#	1
22) Benzo(k)fluoranthene	22.60	252	177	0.006	ng/ul#	1
23) Benzo(a)pyrene	23.05	252	1765	0.069	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.24	276	2	0.000	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.28	278	8	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	25.91	276	59	0.002	ng/ul#	1

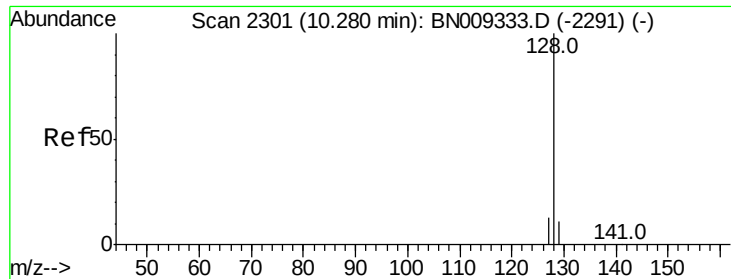
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 16:45:39 2020
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#3

Naphthalene

Concen: 0.004 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

Instrument :

BNA_N

ClientSampled :

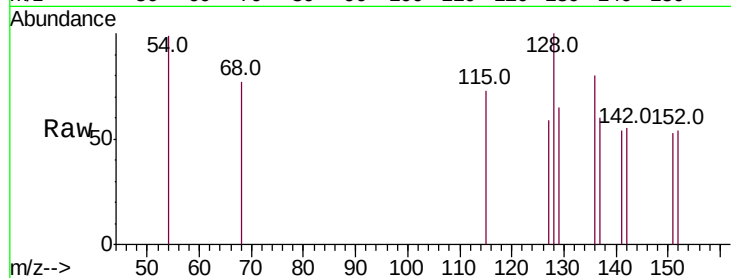
Tot Ion:128 Resp: 60

Ion Ratio Lower Upper

128 100

129 64.8 9.9 14.9#

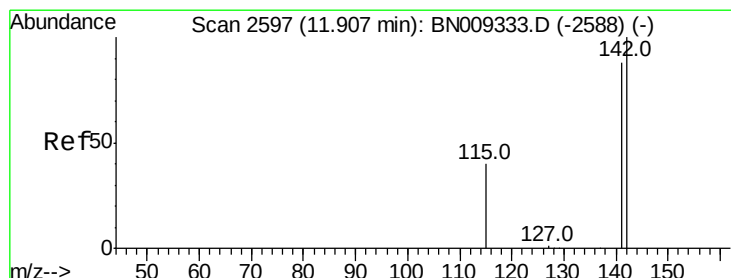
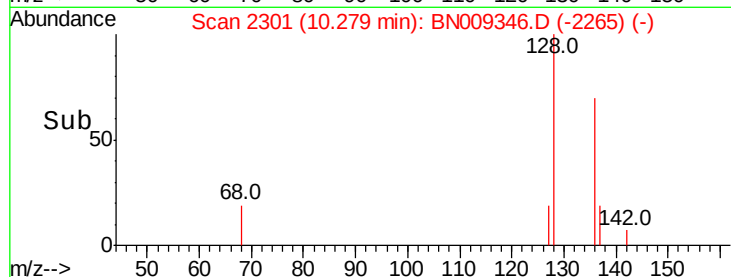
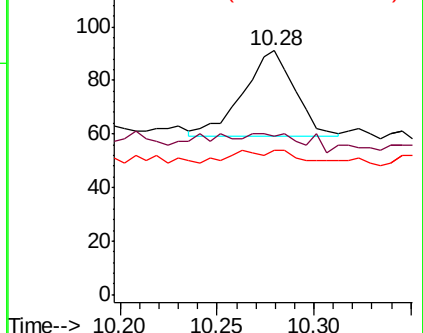
127 59.3 11.3 16.9#



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



#5

2-Methylnaphthalene

Concen: 0.003 ng/ul

RT: 11.91 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BN009346.D

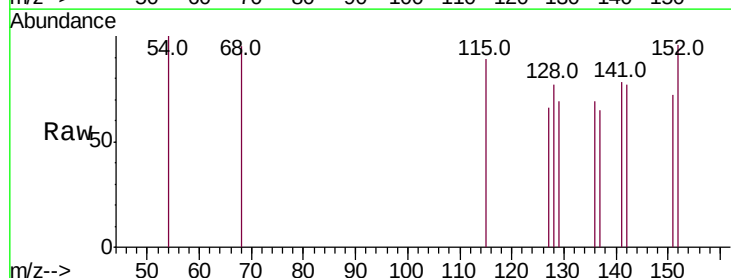
Acq: 10 Jan 2020 22:03

Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

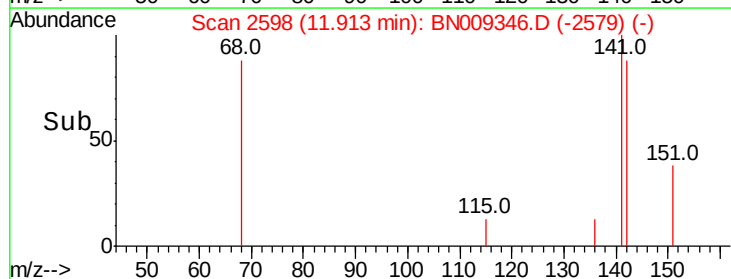
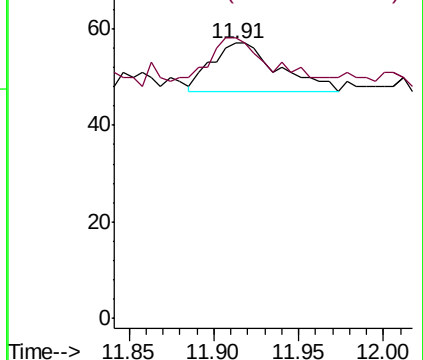
142 100

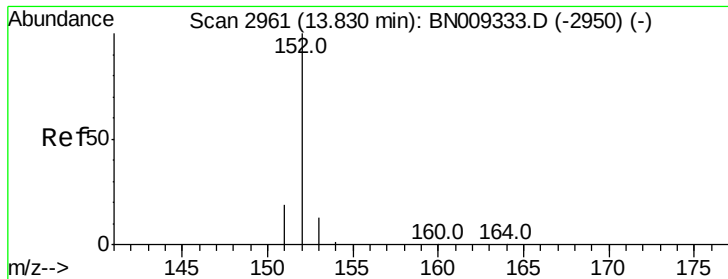
141 100.0 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.001 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN009346.D

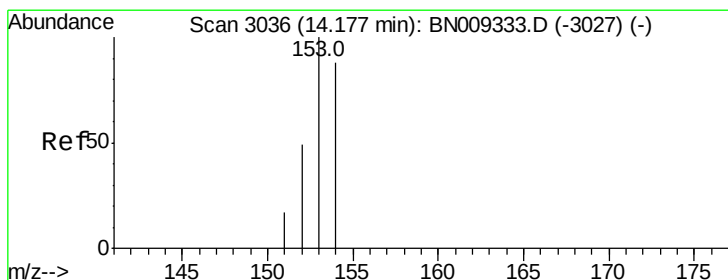
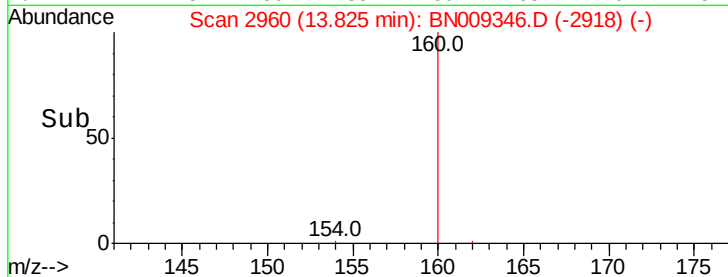
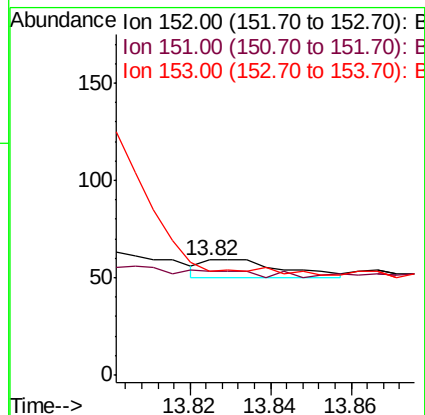
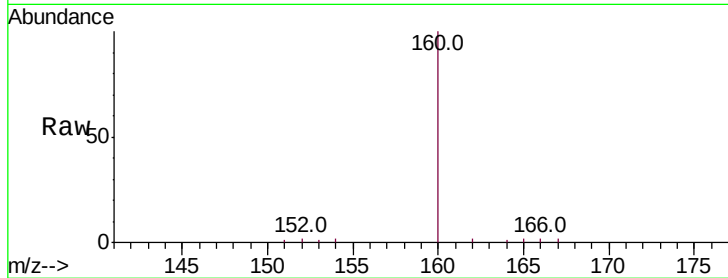
Acq: 10 Jan 2020 22:03

Instrument :

BNA_N

ClientSampled :

Tot Ion:	152	Resp:	12
Ion	Ratio	Lower	Upper
152	100		
151	89.8	16.1	24.1#
153	89.8	11.2	16.8#



#8

Acenaphthene

Concen: 0.001 ng/ul

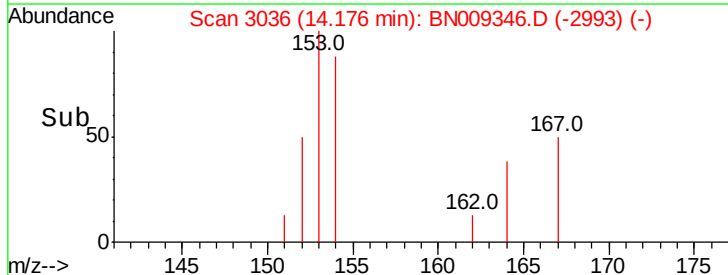
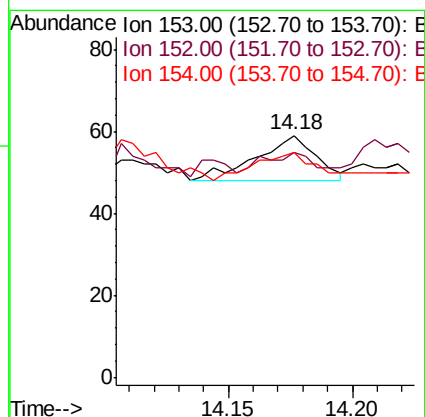
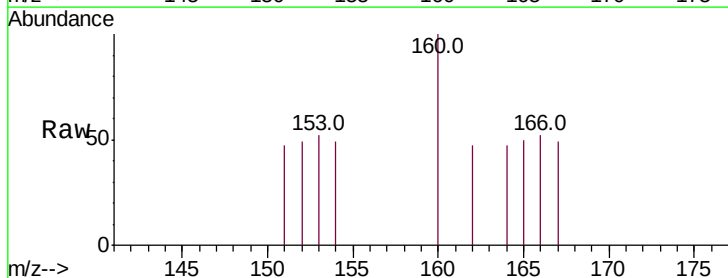
RT: 14.18 min Scan# 3036

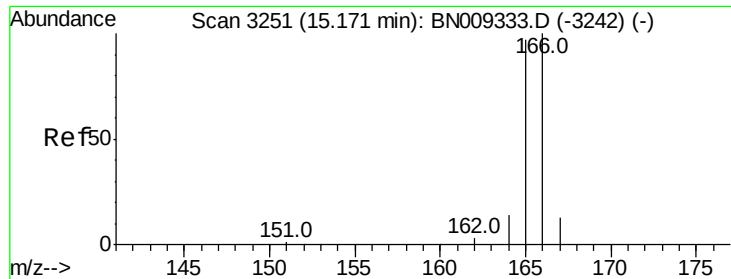
Delta R.T. -0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

Tgt Ion:	153	Resp:	18
Ion	Ratio	Lower	Upper
153	100		
152	93.2	39.9	59.9#
154	93.2	70.8	106.2





#9

Fluorene

Concen: 0.002 ng/ul

RT: 15.17 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

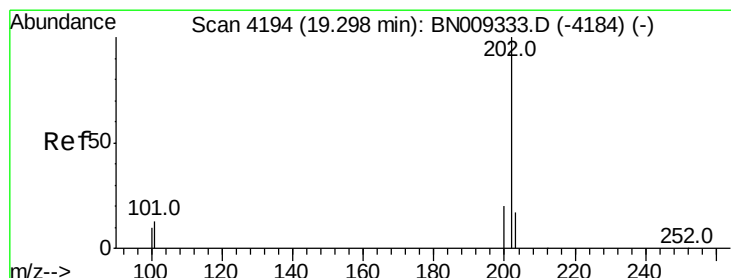
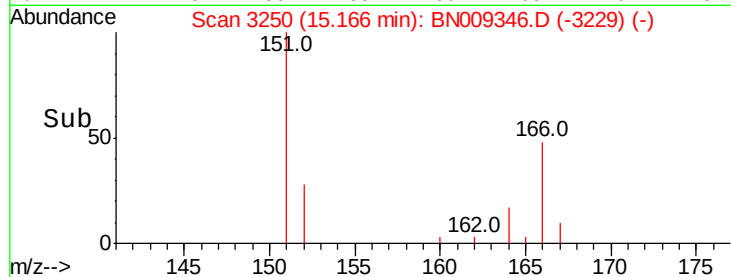
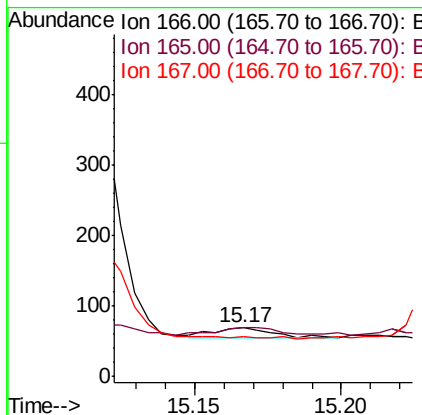
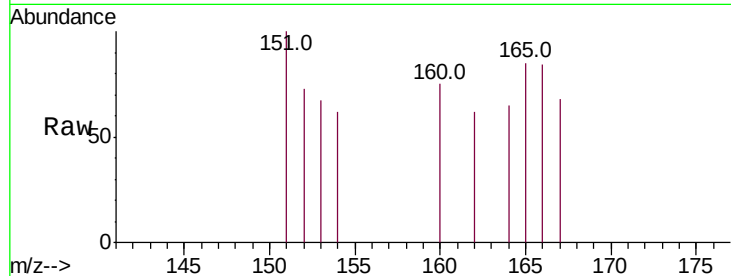
Instrument :

BNA_N

ClientSampleId :

Tot Ion:166 Resp: 23

Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.6	116.4
167	80.9	11.8	17.6#



#17

Pyrene

Concen: 0.034 ng/ul

RT: 19.26 min Scan# 4186

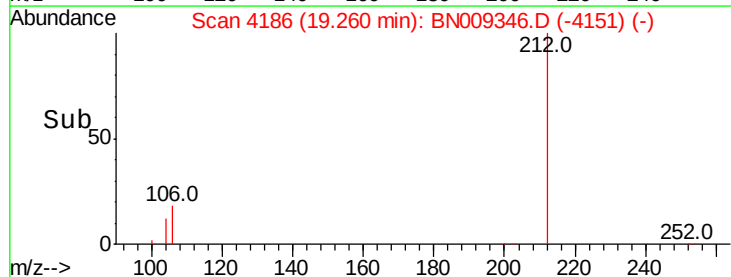
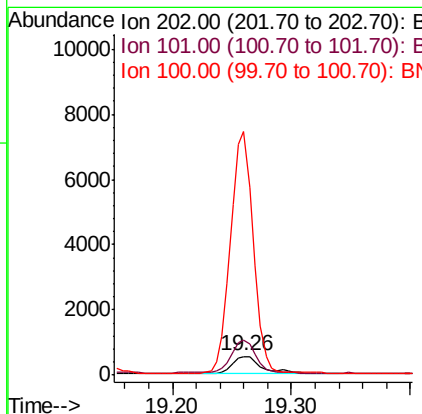
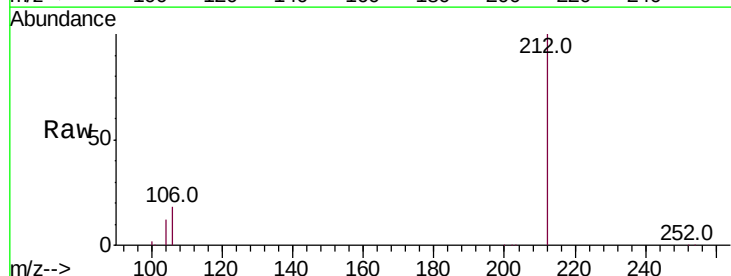
Delta R.T. -0.04 min

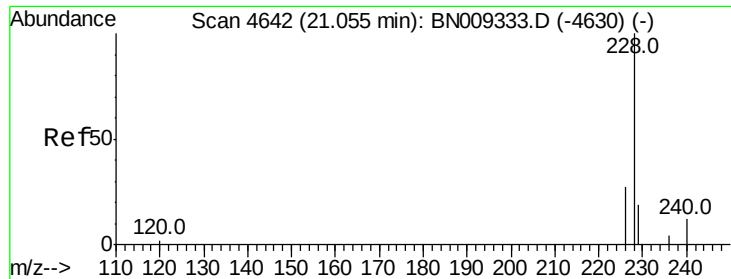
Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

Tgt Ion:202 Resp: 864

Ion	Ratio	Lower	Upper
202	100		
101	187.1	11.0	16.4#
100	1303.5	8.5	12.7#





#18

Benzo(a)anthracene

Concen: 0.011 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. 0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

Instrument :

BNA_N

ClientSampleId :

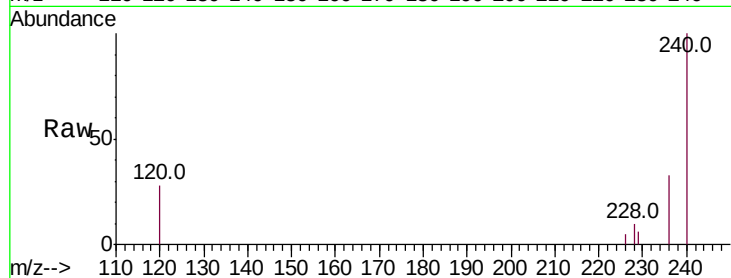
Tot Ion:228 Resp: 256

Ion Ratio Lower Upper

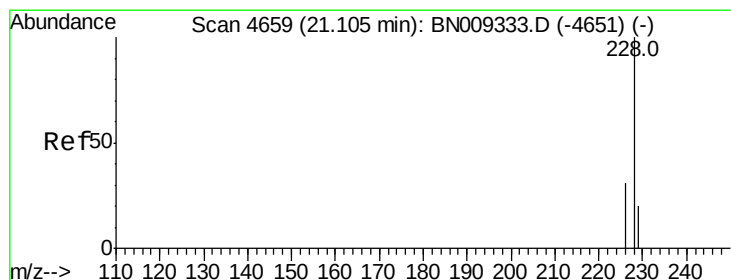
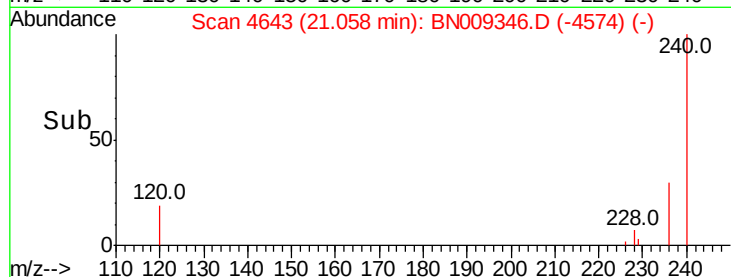
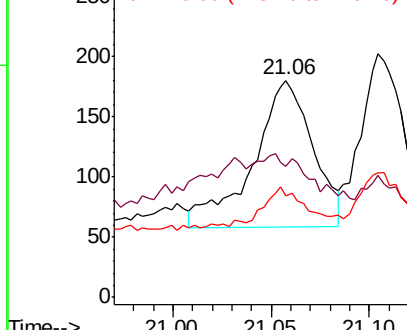
228 100

229 60.6 16.0 24.0#

226 46.7 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: 21.10 min Scan# 4659

Delta R.T. -0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

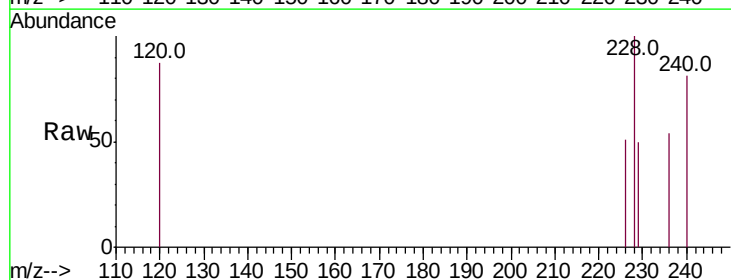
Tgt Ion:228 Resp: 237

Ion Ratio Lower Upper

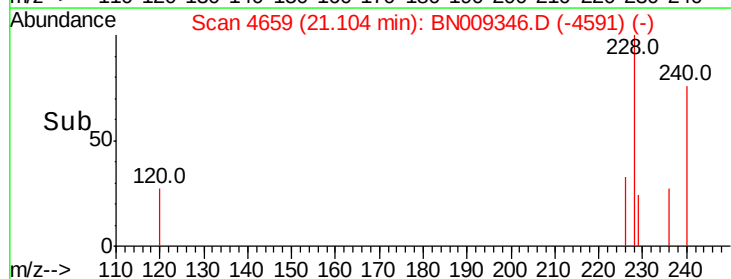
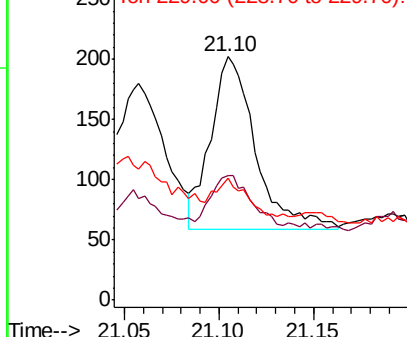
228 100

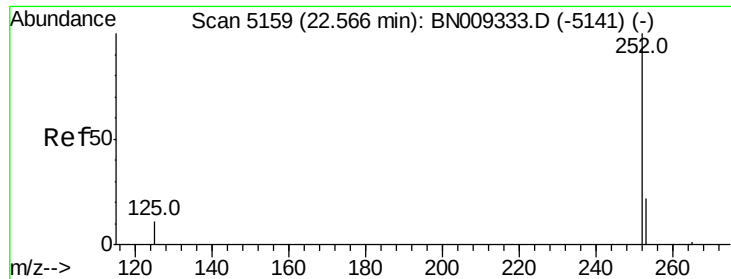
226 51.0 24.7 37.1#

229 50.0 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: 22.56 min Scan# 5158

Delta R.T. -0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

Instrument :

BNA_N

ClientSampleId :

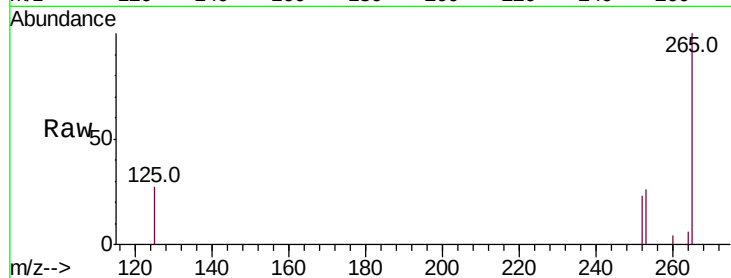
Tot Ion:252 Resp: 181

Ion Ratio Lower Upper

252 100

253 109.6 0.0 52.8#

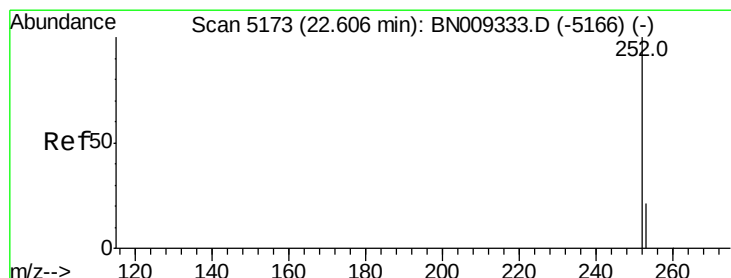
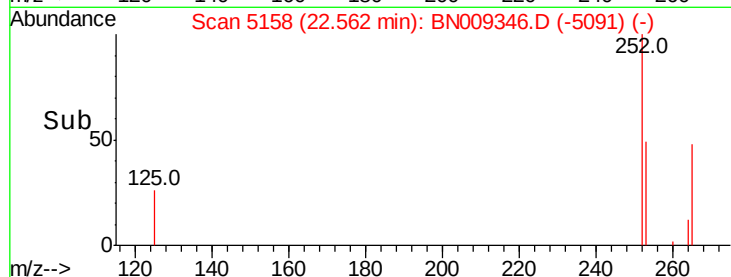
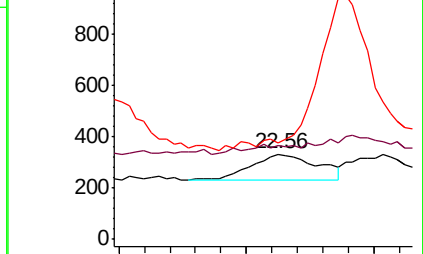
125 113.6 0.0 32.0#



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: 0.006 ng/ul

RT: 22.60 min Scan# 5172

Delta R.T. -0.00 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

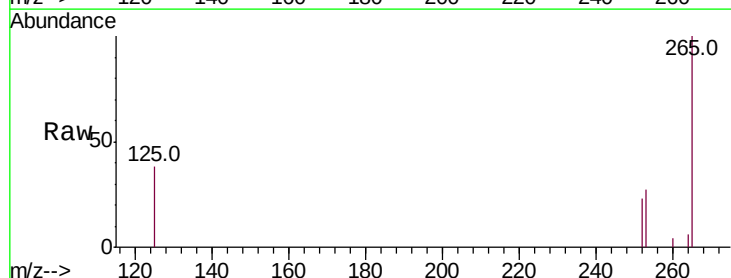
Tgt Ion:252 Resp: 177

Ion Ratio Lower Upper

252 100

253 115.2 21.4 32.0#

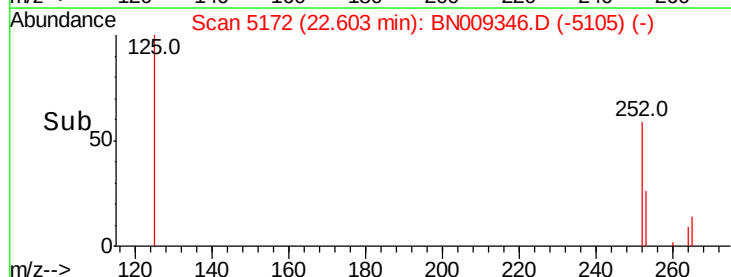
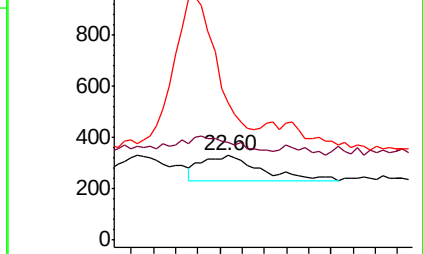
125 162.4 16.4 24.6#

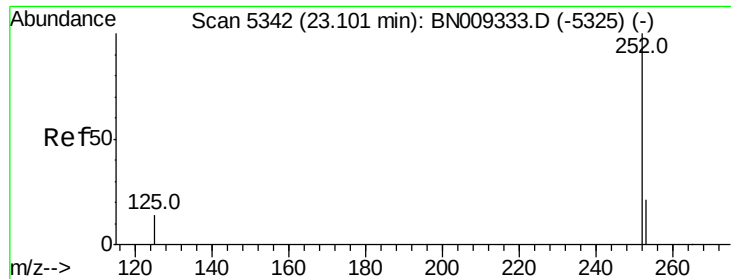


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.069 ng/ul

RT: 23.05 min Scan# 5325

Delta R.T. -0.05 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

Instrument :

BNA_N

ClientSampleId :

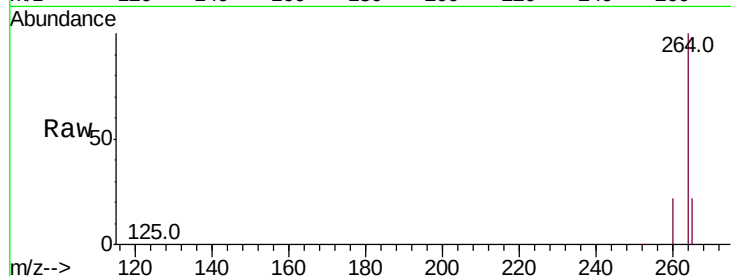
Tot Ion:252 Resp: 1765

Ion Ratio Lower Upper

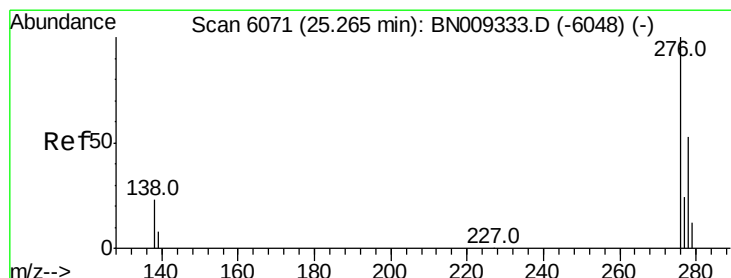
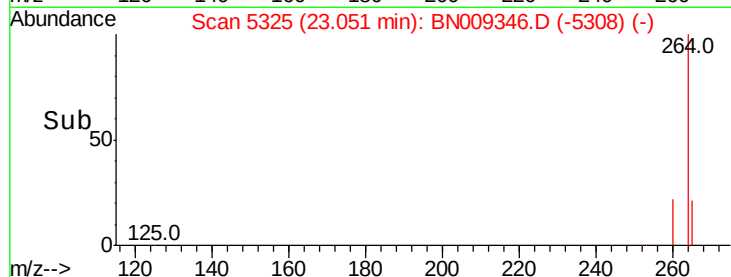
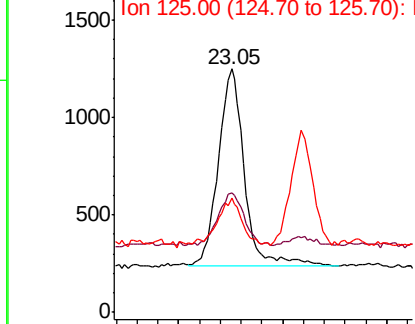
252 100

253 49.1 22.7 34.1#

125 46.9 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: 25.24 min Scan# 6064

Delta R.T. -0.02 min

Lab File: BN009346.D

Acq: 10 Jan 2020 22:03

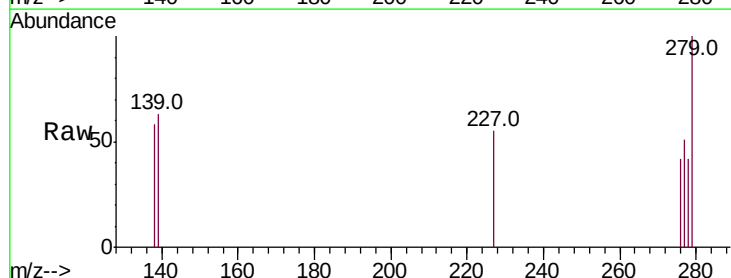
Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

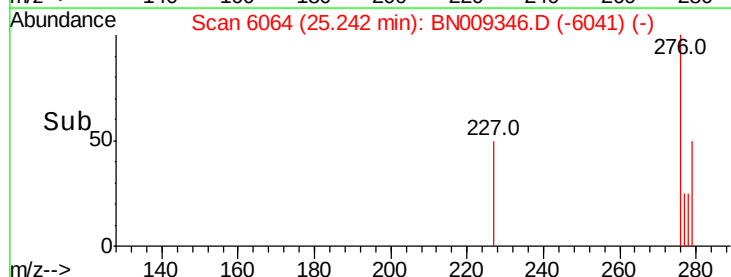
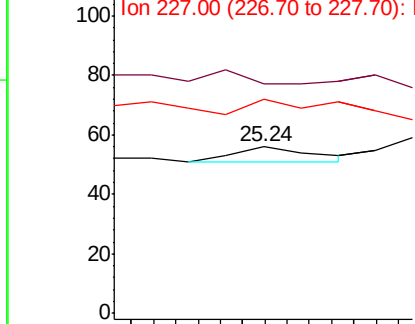
276 100

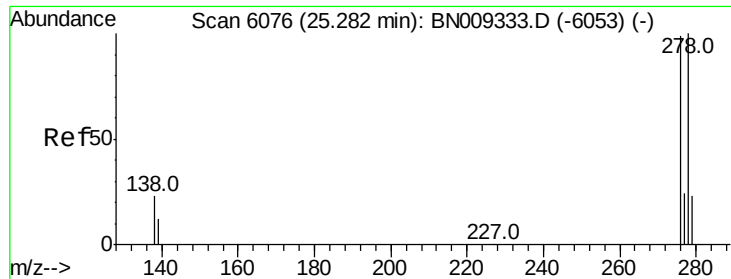
138 0.0 19.4 29.2#

227 350.0 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

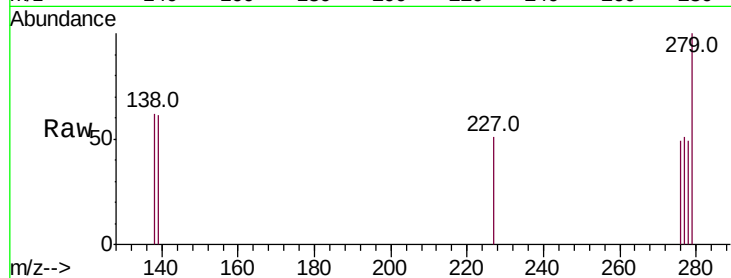




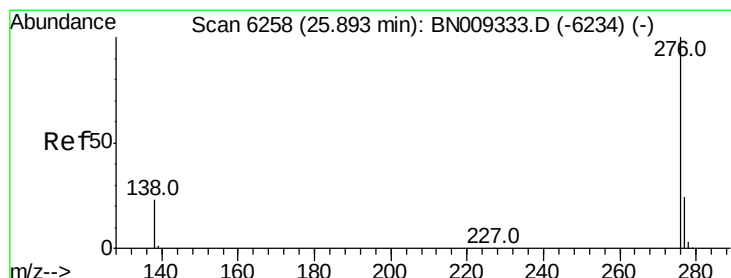
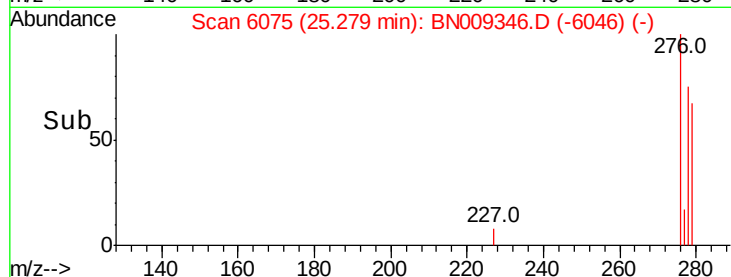
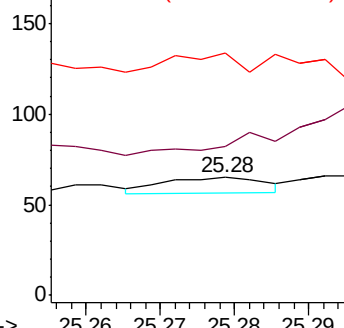
#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.28 min Scan# 6075
Delta R.T. -0.00 min
Lab File: BN009346.D
Acq: 10 Jan 2020 22:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 8
Ion Ratio Lower Upper
278 100
139 126.2 15.3 22.9#
279 206.2 22.2 33.2#

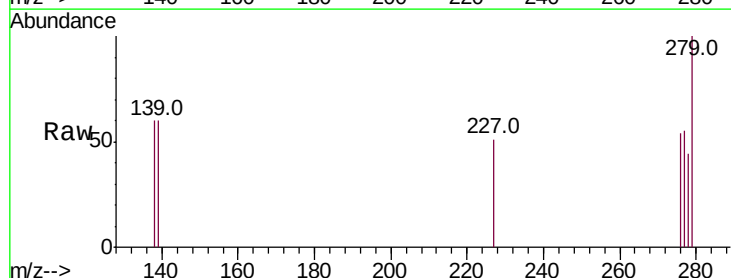


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.002 ng/ul
RT: 25.91 min Scan# 6263
Delta R.T. 0.02 min
Lab File: BN009346.D
Acq: 10 Jan 2020 22:03

Tgt Ion:276 Resp: 59
Ion Ratio Lower Upper
276 100
138 111.8 20.3 30.5#
277 102.9 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

