

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
 Data File : BN009345.D
 Acq On : 10 Jan 2020 21:27
 Operator : JU
 Sample : K6466-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 10 23:08:40 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

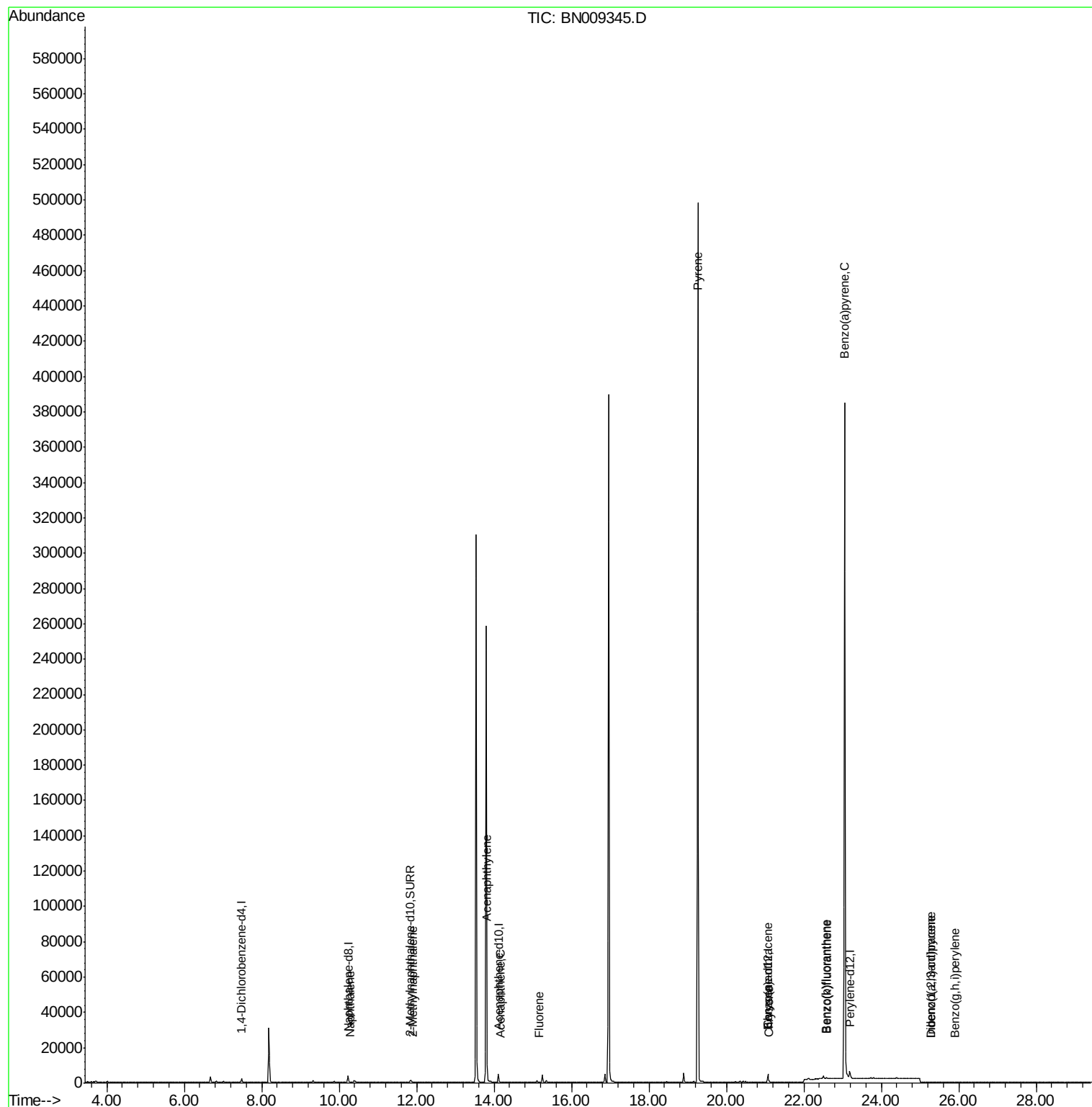
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	4386	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	2594	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.87
16) Chrysene-d12	21.07	240	4711	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	5278	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	1822	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5501	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.27	128	122	0.009	ng/ul#	11
5) 2-Methylnaphthalene	11.91	142	68	0.008	ng/ul	92
7) Acenaphthylene	13.82	152	21	0.002	ng/ul#	1
8) Acenaphthene	14.18	153	33	0.003	ng/ul#	80
9) Fluorene	15.17	166	23	0.002	ng/ul#	73
17) Pyrene	19.26	202	974	0.043	ng/ul#	1
18) Benzo(a)anthracene	21.06	228	184	0.009	ng/ul#	48
19) Chrysene	21.11	228	227	0.010	ng/ul#	62
21) Benzo(b)fluoranthene	22.57	252	231	0.010	ng/ul#	1
22) Benzo(k)fluoranthene	22.60	252	170	0.006	ng/ul#	1
23) Benzo(a)pyrene	23.05	252	1852	0.079	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.28	276	74	0.003	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.28	278	57	0.003	ng/ul#	1
26) Benzo(g,h,i)perylene	25.91	276	71	0.003	ng/ul#	1

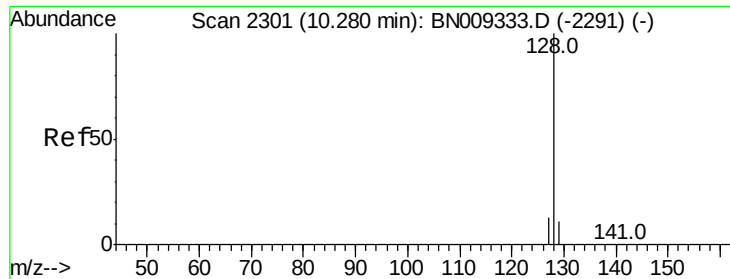
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.009 ng/ul

RT: 10.27 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

Instrument :

BNA_N

ClientSampleId :

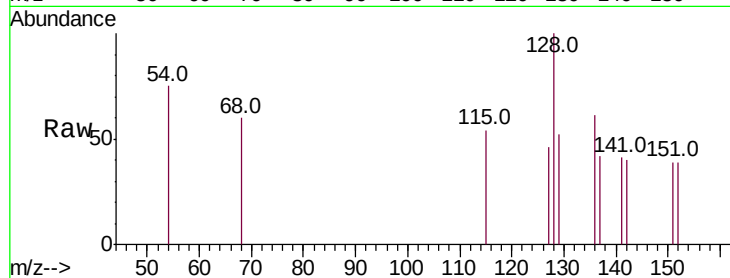
Tot Ion:128 Resp: 122

Ion Ratio Lower Upper

128 100

129 52.5 9.9 14.9#

127 45.9 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

10.27

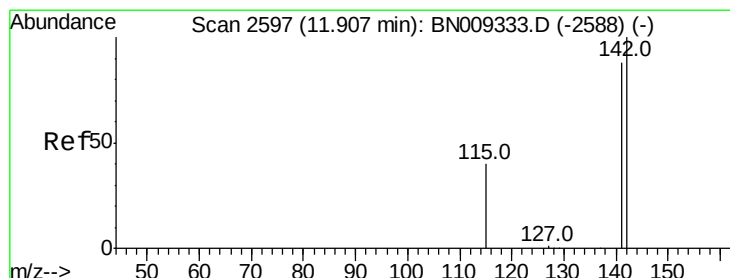
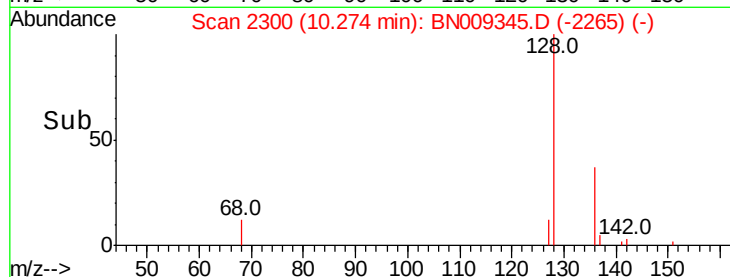
150

100

50

0

Time--> 10.20 10.25 10.30 10.35



#5

2-Methylnaphthalene

Concen: 0.008 ng/ul

RT: 11.91 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BN009345.D

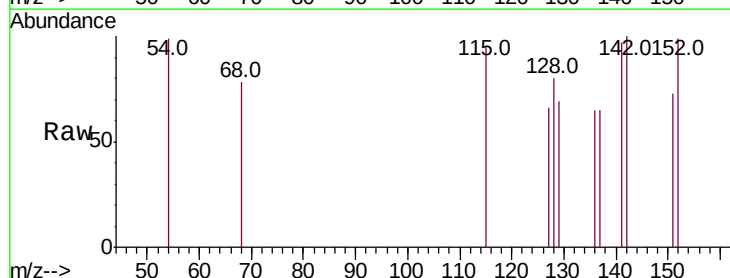
Acq: 10 Jan 2020 21:27

Tgt Ion:142 Resp: 68

Ion Ratio Lower Upper

142 100

141 80.9 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.91

80

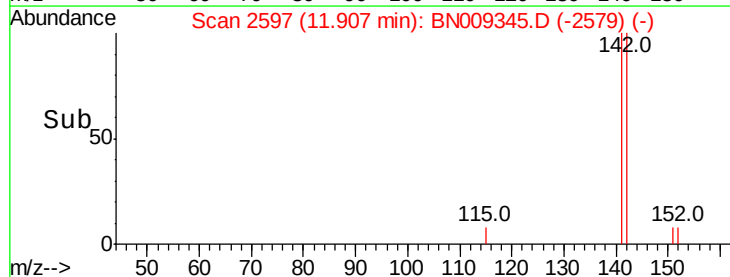
60

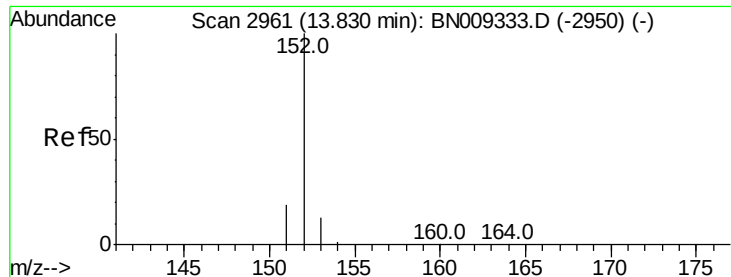
40

20

0

Time--> 11.90 12.00





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 13.82 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BN009345.D

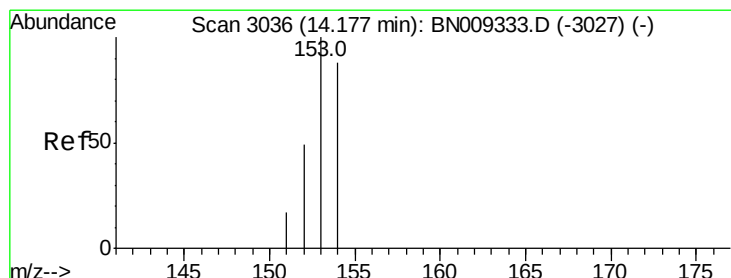
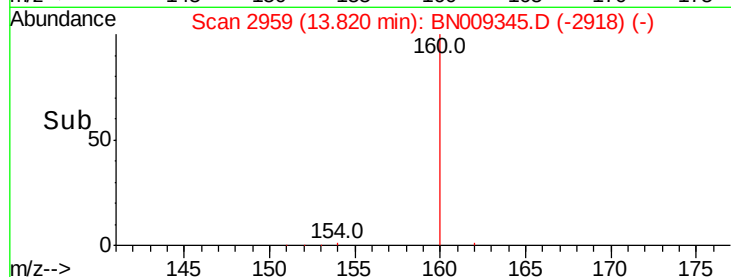
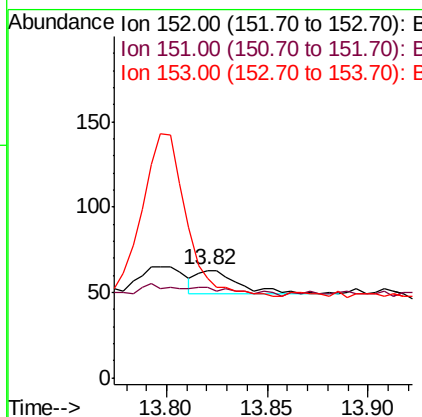
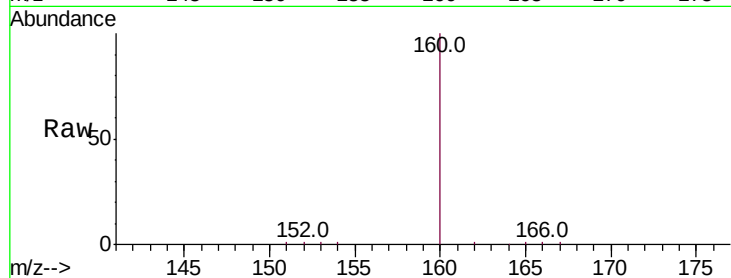
Acq: 10 Jan 2020 21:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	21
Ion	Ratio	Lower	Upper
152	100		
151	84.1	16.1	24.1#
153	92.1	11.2	16.8#



#8

Acenaphthene

Concen: 0.003 ng/ul

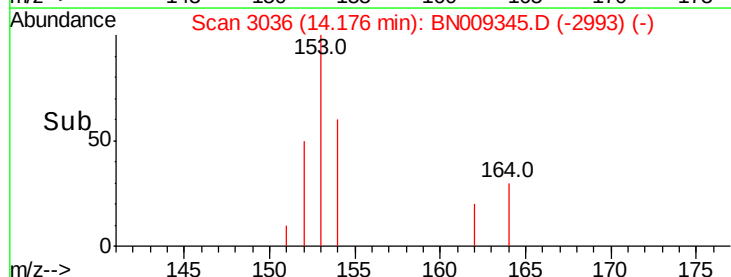
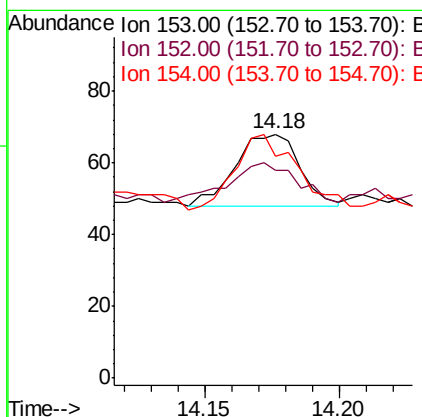
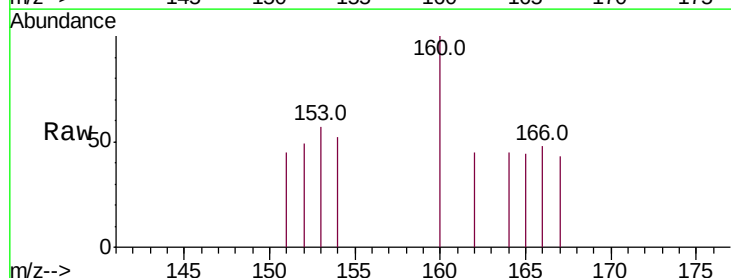
RT: 14.18 min Scan# 3036

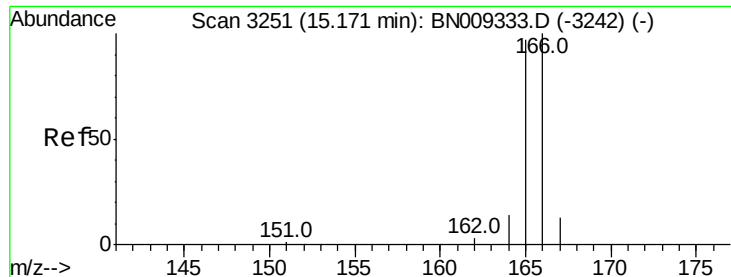
Delta R.T. -0.00 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

Tgt Ion:	153	Resp:	33
Ion	Ratio	Lower	Upper
153	100		
152	85.3	39.9	59.9#
154	91.2	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: BN009345.D

Acq: 10 Jan 2020 21:27

Instrument :

BNA_N

ClientSampleId :

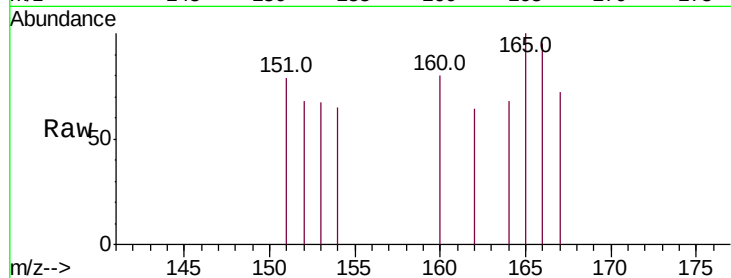
Tot Ion:166 Resp: 23

Ion Ratio Lower Upper

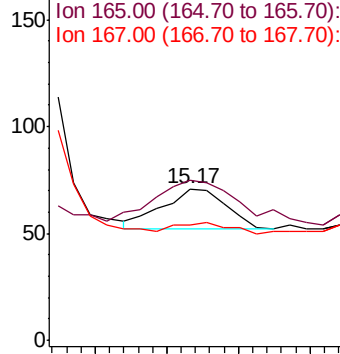
166 100

165 105.6 77.6 116.4

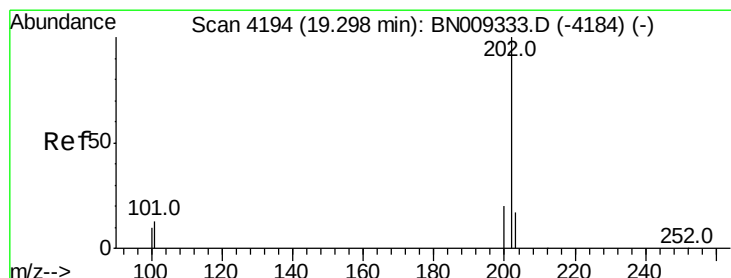
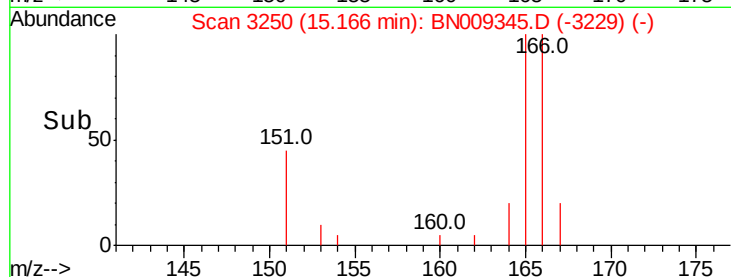
167 76.1 11.8 17.6#



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: 0.043 ng/ul

RT: 19.26 min Scan# 4186

Delta R.T. -0.04 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

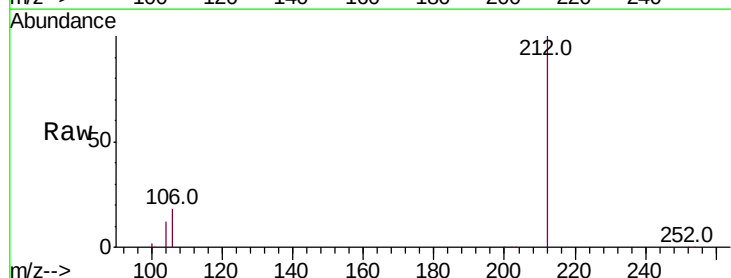
Tgt Ion:202 Resp: 974

Ion Ratio Lower Upper

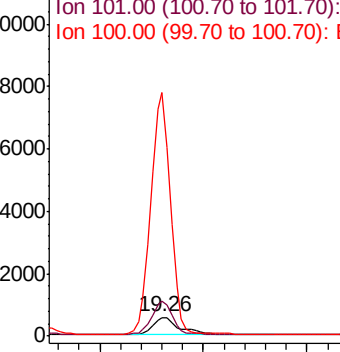
202 100

101 185.7 11.0 16.4#

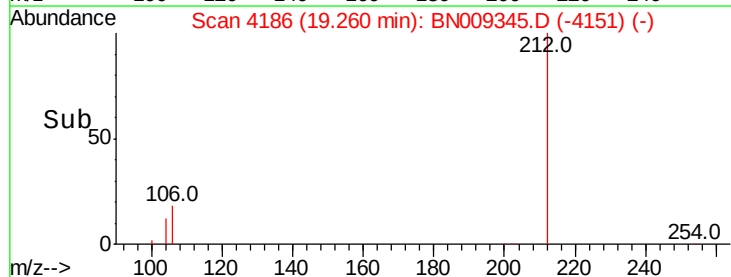
100 1294.0 8.5 12.7#

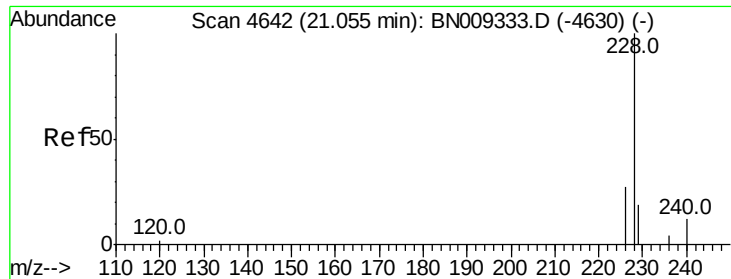


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 0.009 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. 0.00 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

Instrument :

BNA_N

ClientSampleId :

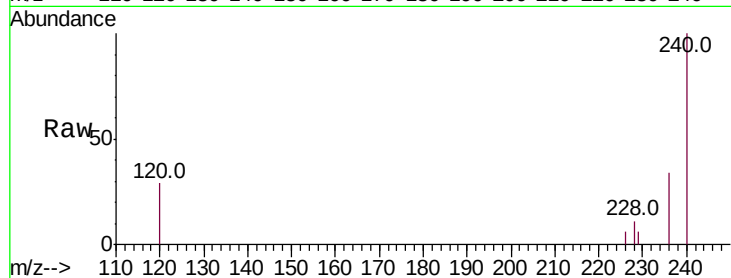
Tot Ion:228 Resp: 184

Ion Ratio Lower Upper

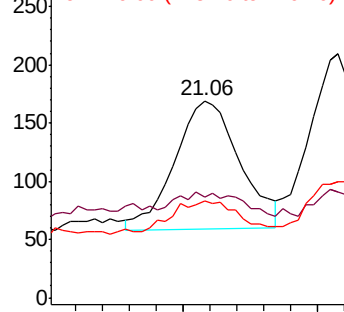
228 100

229 50.9 16.0 24.0#

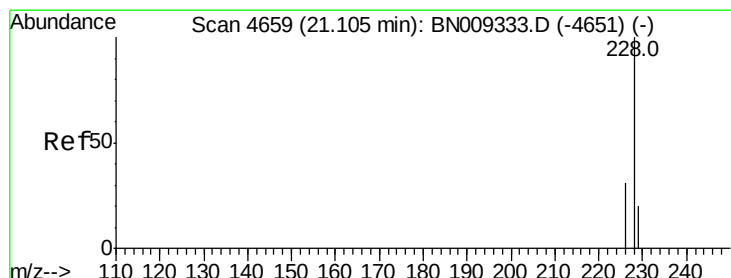
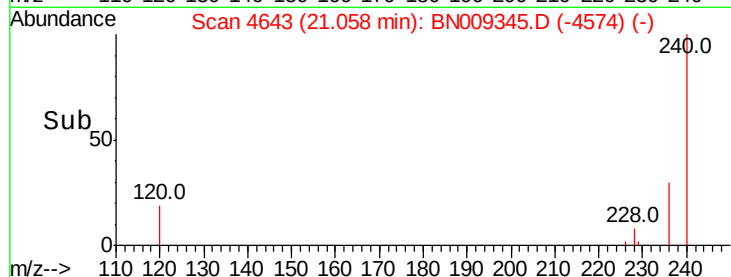
226 49.1 21.9 32.9#



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



Time-->



#19

Chrysene

Concen: 0.010 ng/ul

RT: 21.11 min Scan# 4660

Delta R.T. 0.00 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

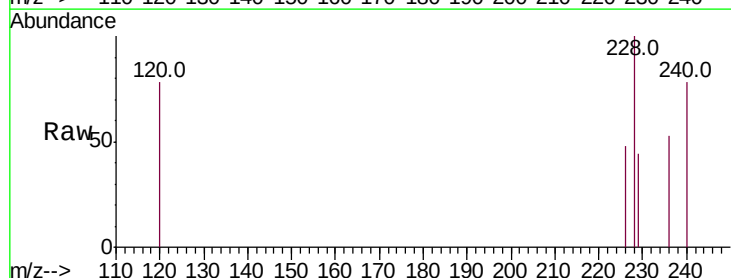
Tgt Ion:228 Resp: 227

Ion Ratio Lower Upper

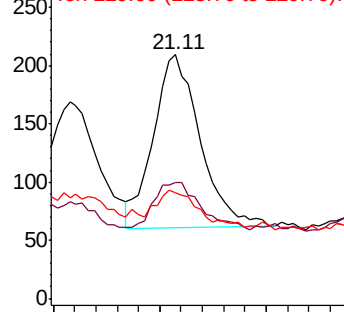
228 100

226 47.8 24.7 37.1#

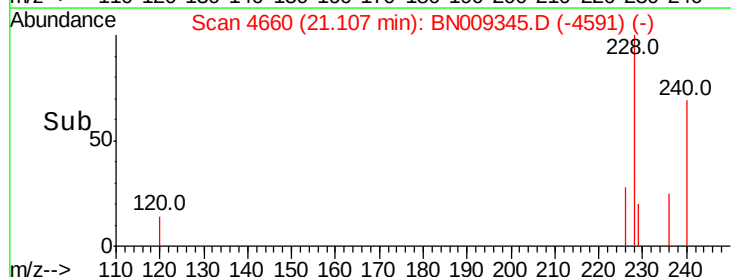
229 43.5 16.6 24.8#

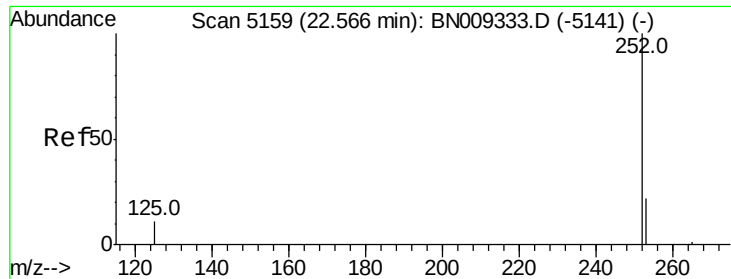


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->

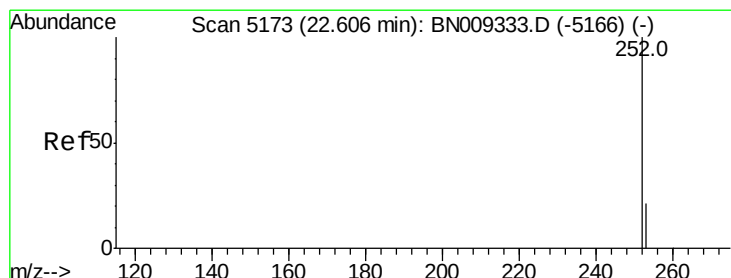
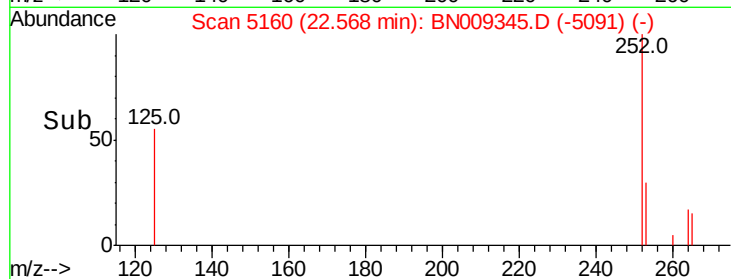
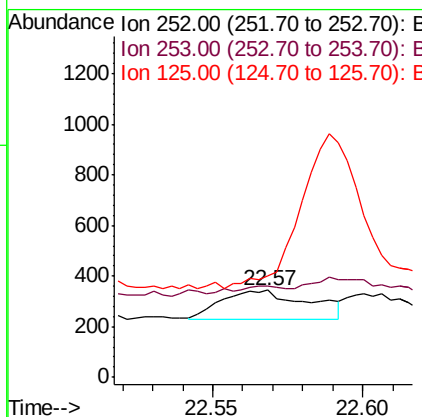
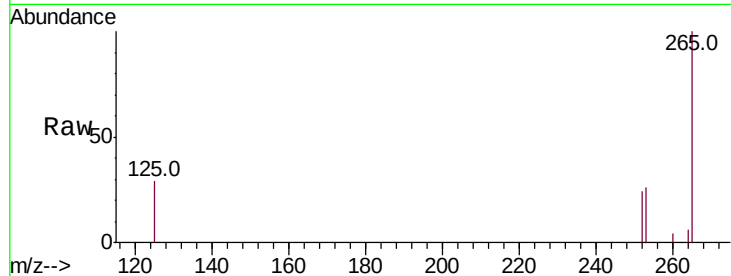




#21
Benzo(b)fluoranthene
Concen: 0.010 ng/ul
RT: 22.57 min Scan# 5160
Delta R.T. 0.00 min
Lab File: BN009345.D
Acq: 10 Jan 2020 21:27

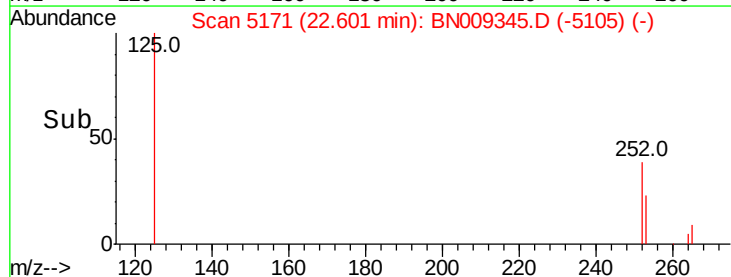
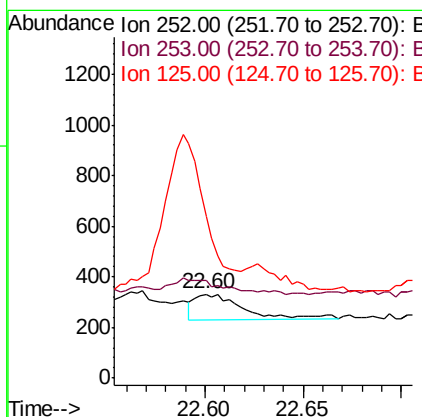
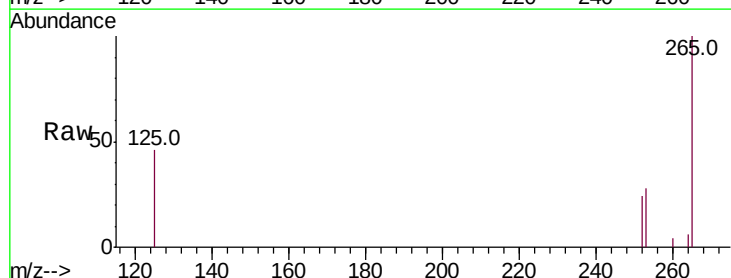
Instrument :
BNA_N
ClientSampleId :

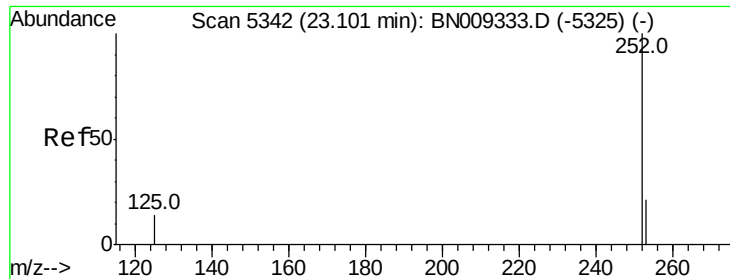
Tot Ion:252 Resp: 231
Ion Ratio Lower Upper
252 100
253 105.8 0.0 52.8#
125 117.2 0.0 32.0#



#22
Benzo(k)fluoranthene
Concen: 0.006 ng/ul
RT: 22.60 min Scan# 5171
Delta R.T. -0.01 min
Lab File: BN009345.D
Acq: 10 Jan 2020 21:27

Tgt Ion:252 Resp: 170
Ion Ratio Lower Upper
252 100
253 116.3 21.4 32.0#
125 192.4 16.4 24.6#





#23

Benzo(a)pyrene

Concen: 0.079 ng/ul

RT: 23.05 min Scan# 5325

Delta R.T. -0.05 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

Instrument :

BNA_N

ClientSampleId :

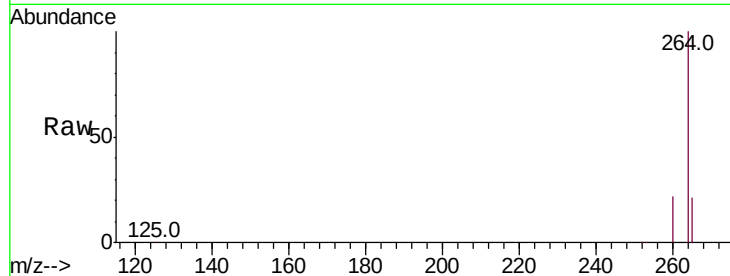
Tot Ion:252 Resp: 1852

Ion Ratio Lower Upper

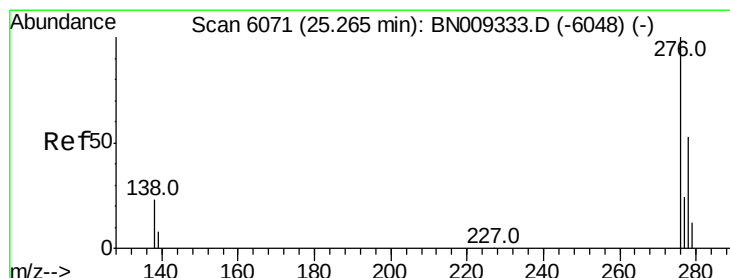
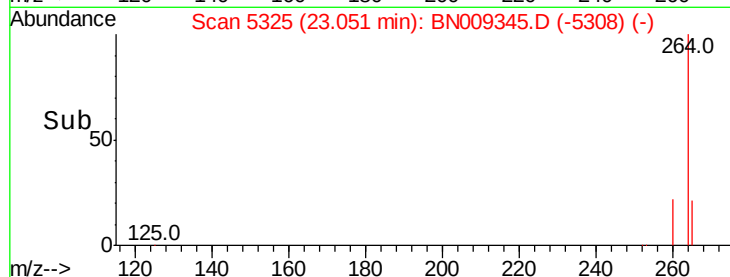
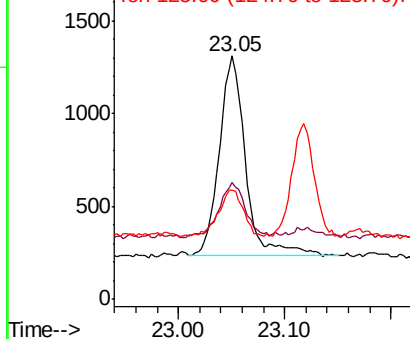
252 100

253 48.0 22.7 34.1#

125 44.7 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: 0.003 ng/ul

RT: 25.28 min Scan# 6075

Delta R.T. 0.01 min

Lab File: BN009345.D

Acq: 10 Jan 2020 21:27

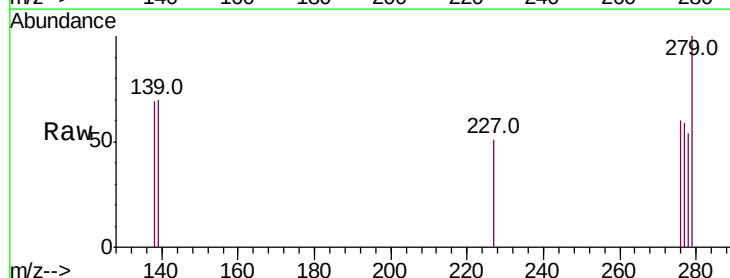
Tgt Ion:276 Resp: 74

Ion Ratio Lower Upper

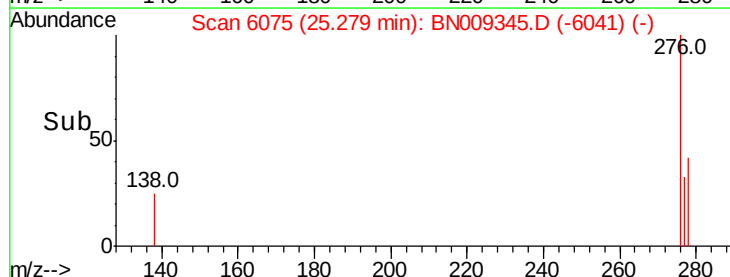
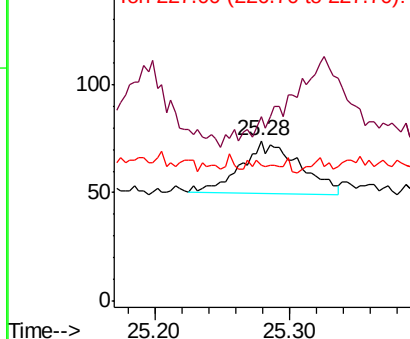
276 100

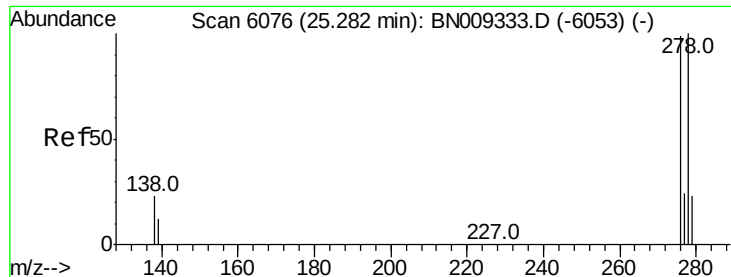
138 0.0 19.4 29.2#

227 4.1 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

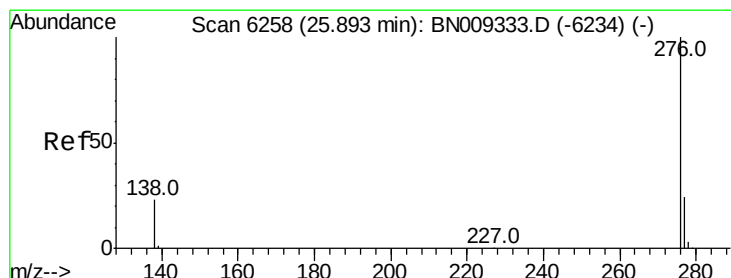
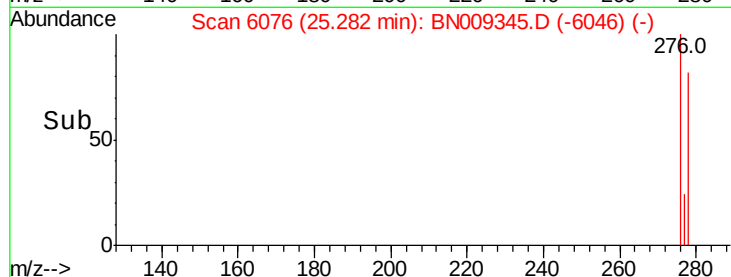
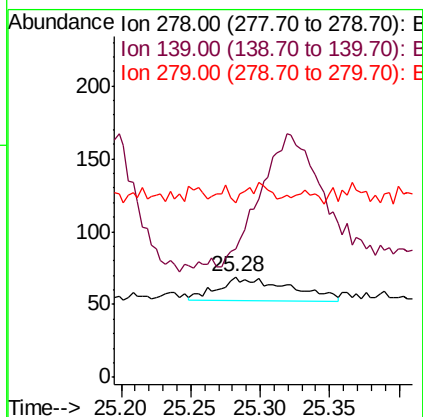
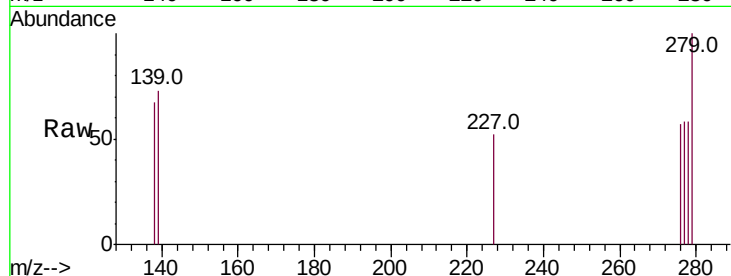




#25
Dibenzo(a,h)anthracene
Concen: 0.003 ng/ul
RT: 25.28 min Scan# 6076
Delta R.T. -0.00 min
Lab File: BN009345.D
Acq: 10 Jan 2020 21:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 57
Ion Ratio Lower Upper
278 100
139 127.5 15.3 22.9#
279 173.9 22.2 33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.003 ng/ul
RT: 25.91 min Scan# 6262
Delta R.T. 0.01 min
Lab File: BN009345.D
Acq: 10 Jan 2020 21:27

Tgt Ion:276 Resp: 71
Ion Ratio Lower Upper
276 100
138 104.2 20.3 30.5#
277 105.6 20.4 30.6#

