

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
 Data File : BN005633.D
 Acq On : 11 May 2019 18:58
 Operator : JU/SJ
 Sample : K2606-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5144

Quant Time: May 12 00:40:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 12 00:36:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1867	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	7514	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	471111	0.40	ng/ul	0.08
16) Chrysene-d12	21.35	240	534	0.40	ng/ul	0.13
20) Perylene-d12	23.55	264	397	0.40	ng/ul	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.95	152	2919	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	3372	0.00	ng/ul	0.10

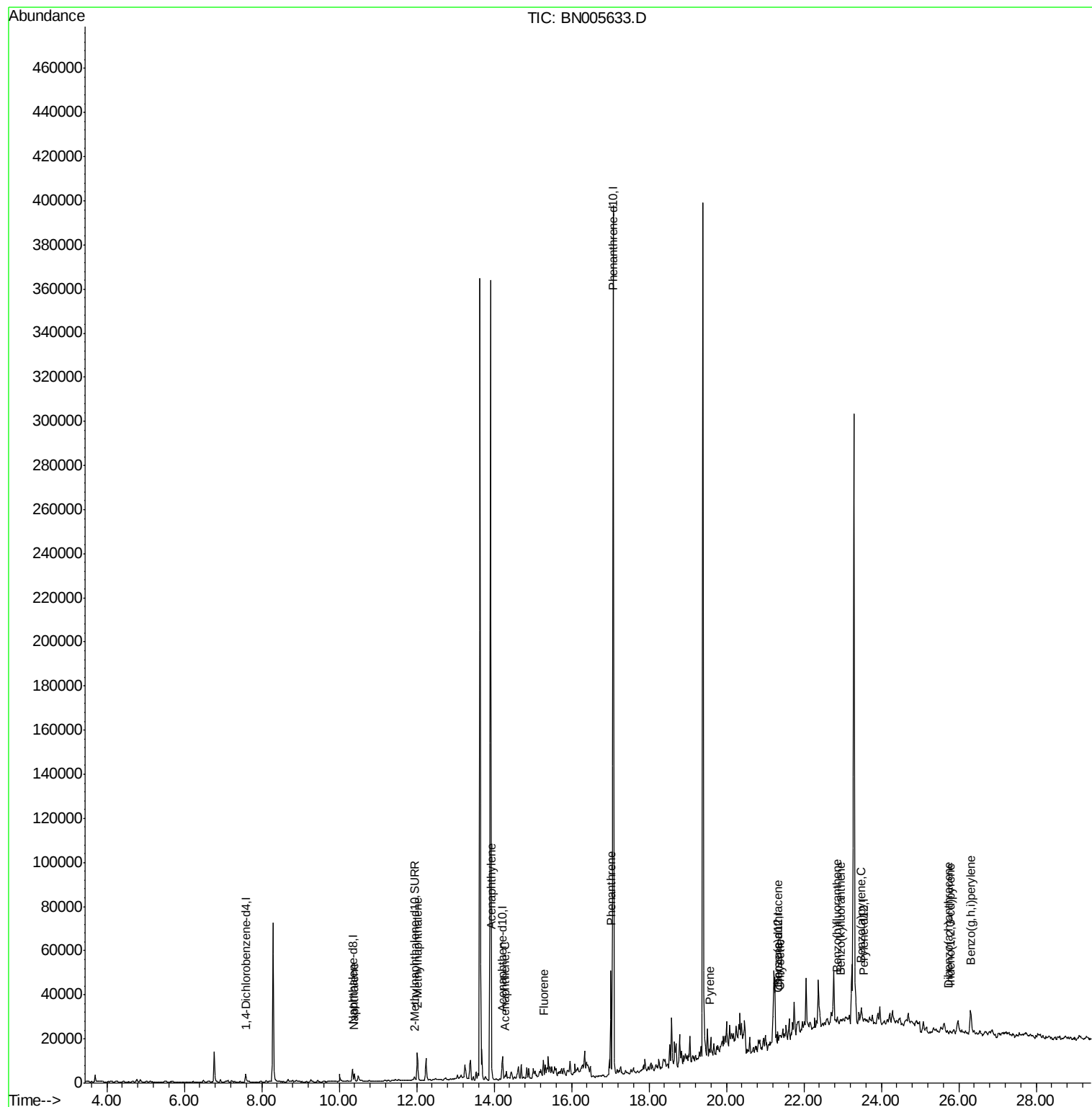
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.39	128	4609	0.232	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	10051	0.740	ng/ul	99
7) Acenaphthylene	13.94	152	2917	0.118	ng/ul#	65
8) Acenaphthene	14.28	153	1317	0.075	ng/ul#	89
9) Fluorene	15.28	166	2874	0.140	ng/ul#	70
12) Phenanthrene	17.01	178	49996	0.039	ng/ul	98
17) Pyrene	19.56	202	1157	0.587	ng/ul#	51
18) Benzo(a)anthracene	21.33	228	908	0.493	ng/ul#	1
19) Chrysene	21.37	228	1565	0.692	ng/ul#	1
21) Benzo(b)fluoranthene	22.86	252	1813	1.519	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	777	0.519	ng/ul#	1
23) Benzo(a)pyrene	23.47	252	8538	6.401	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	747	0.501	ng/ul#	25
25) Dibenzo(a,h)anthracene	25.73	278	979	0.794	ng/ul#	1
26) Benzo(g,h,i)perylene	26.31	276	23279	18.296	ng/ul#	57

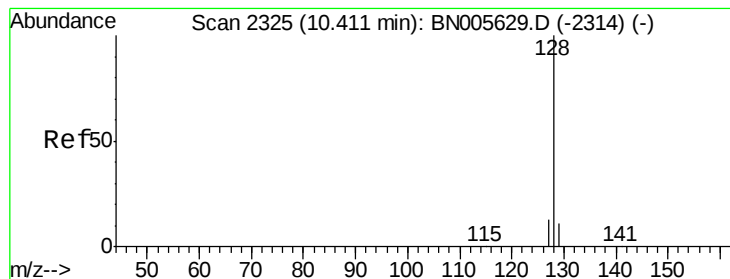
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.232 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

Instrument :

BNA_N

ClientSampleId :

A5144

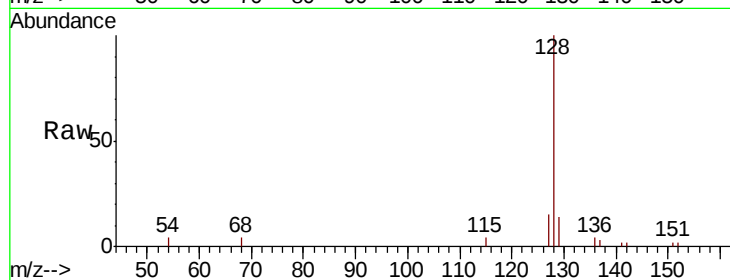
Tgt Ion:128 Resp: 4609

Ion Ratio Lower Upper

128 100

129 14.1 10.2 15.2

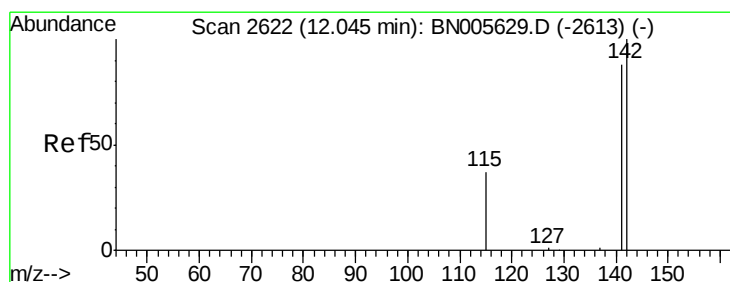
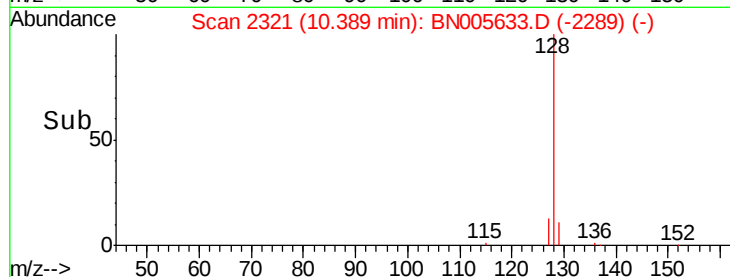
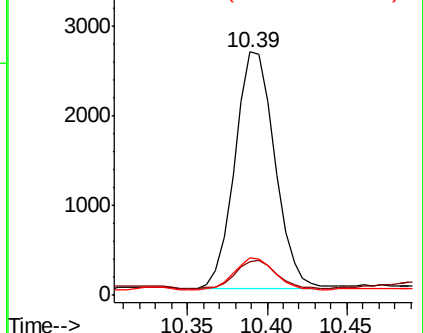
127 15.4 11.8 17.8



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: 0.740 ng/ul

RT: 12.02 min Scan# 2617

Delta R.T. -0.03 min

Lab File: BN005633.D

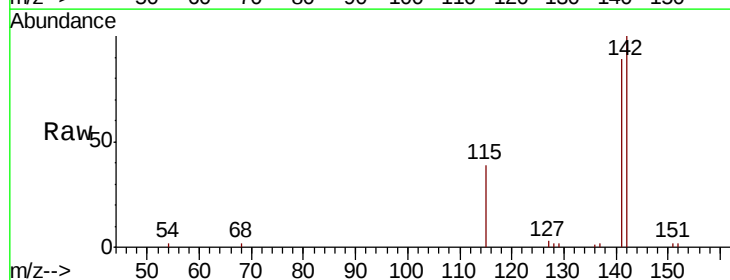
Acq: 11 May 2019 18:58

Tgt Ion:142 Resp: 10051

Ion Ratio Lower Upper

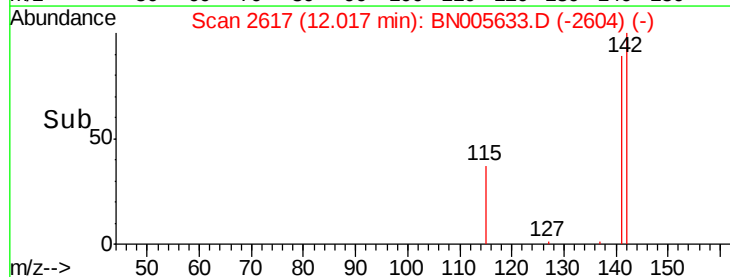
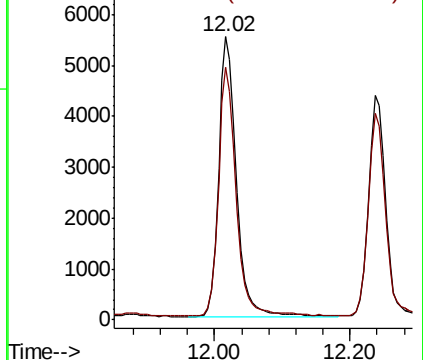
142 100

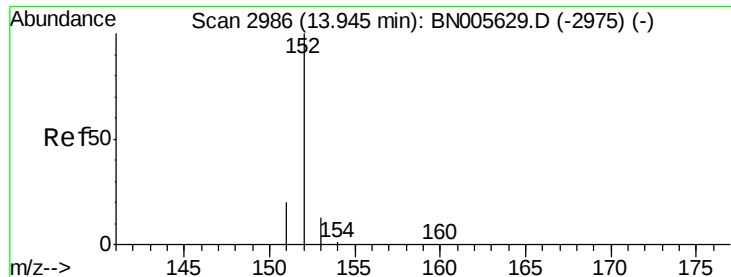
141 88.9 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.118 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

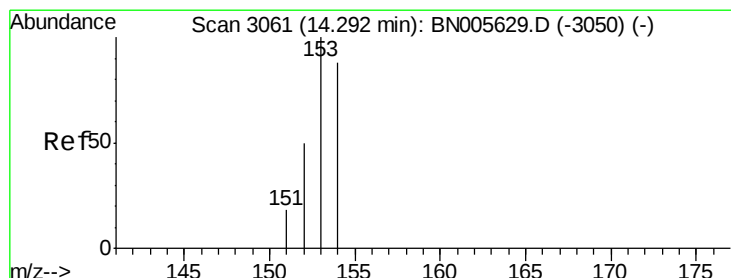
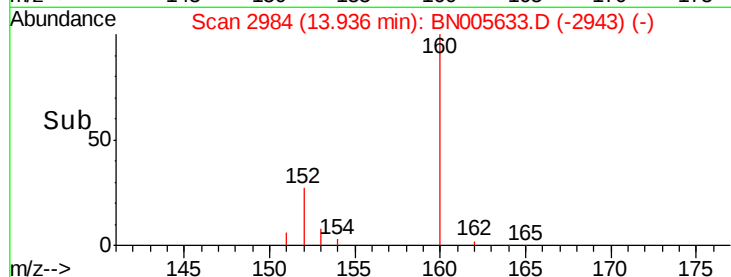
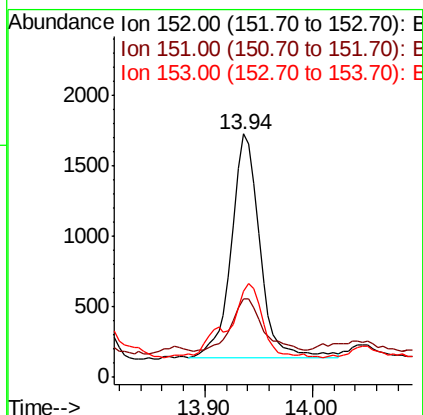
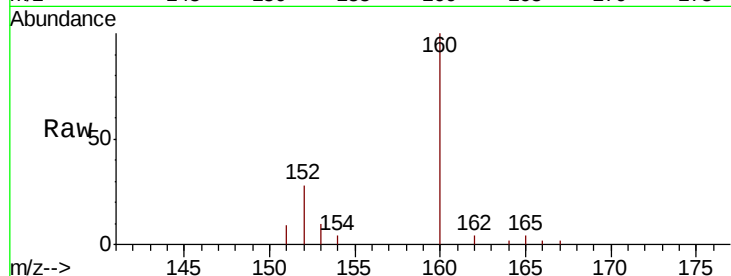
Instrument :

BNA_N

ClientSampleId :

A5144

Tgt Ion:	152	Resp:	2917
Ion	Ratio	Lower	Upper
152	100		
151	32.1	16.7	25.1#
153	35.4	11.6	17.4#



#8

Acenaphthene

Concen: 0.075 ng/ul

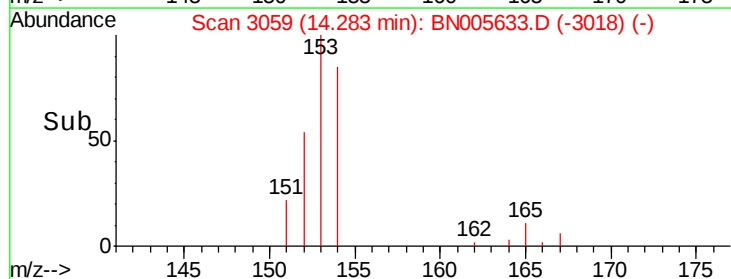
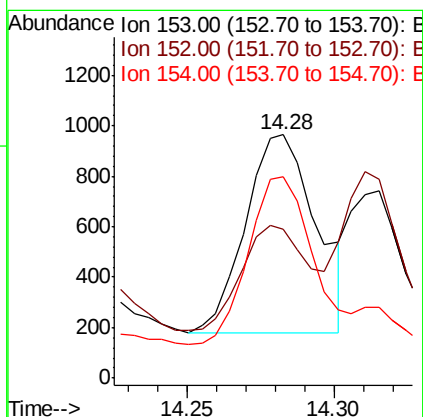
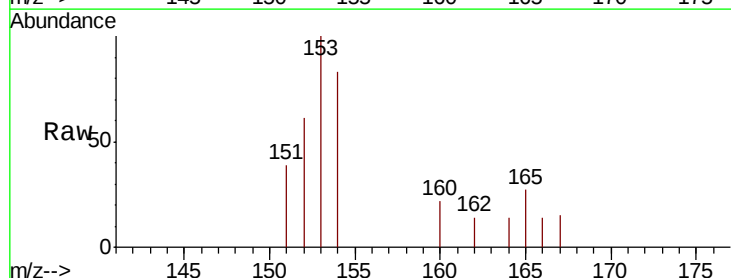
RT: 14.28 min Scan# 3059

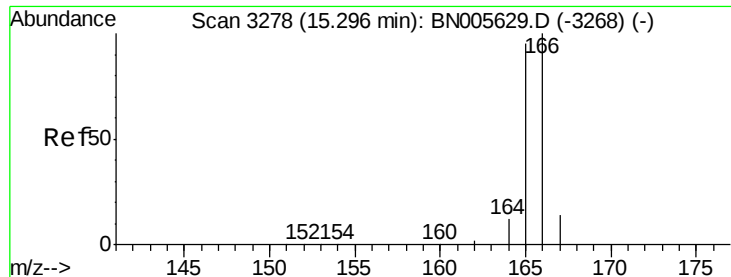
Delta R.T. -0.01 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

Tgt Ion:	153	Resp:	1317
Ion	Ratio	Lower	Upper
153	100		
152	61.2	40.8	61.2#
154	82.7	73.2	109.8





#9

Fluorene

Concen: 0.140 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

Instrument :

BNA_N

ClientSampleId :

A5144

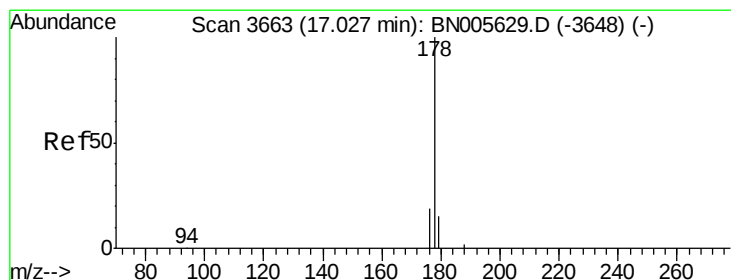
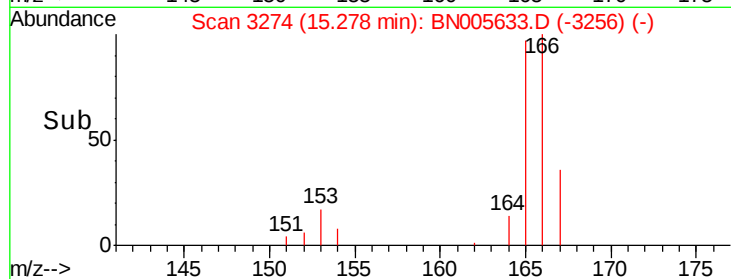
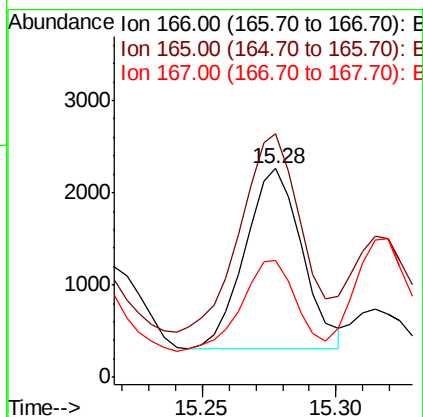
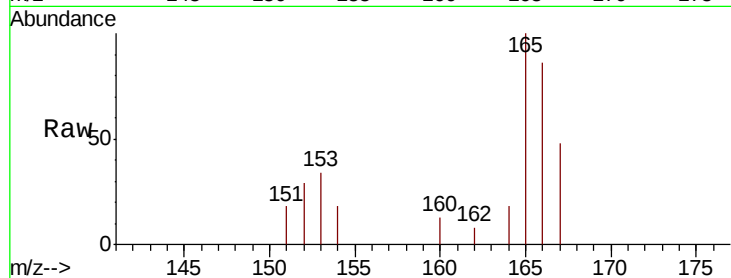
Tgt Ion:166 Resp: 2874

Ion Ratio Lower Upper

166 100

165 116.6 78.0 117.0

167 56.3 12.2 18.4#



#12

Phenanthrene

Concen: 0.039 ng/ul

RT: 17.01 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

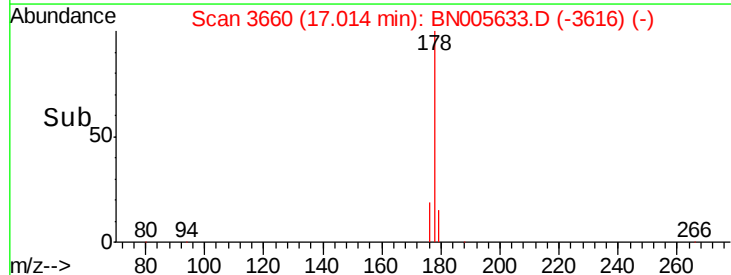
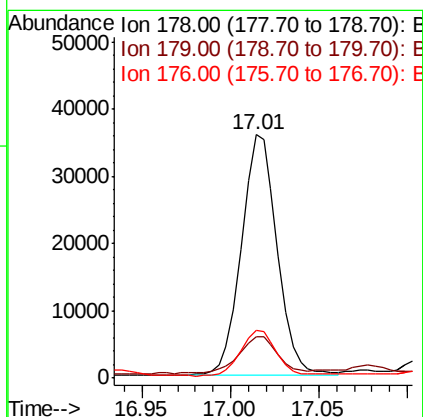
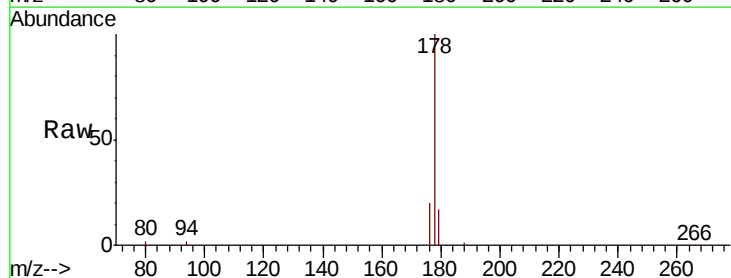
Tgt Ion:178 Resp: 49996

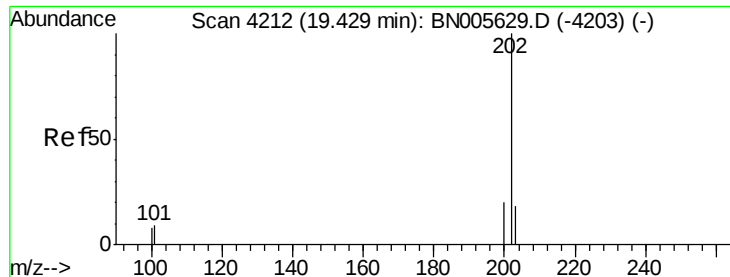
Ion Ratio Lower Upper

178 100

179 17.1 12.8 19.2

176 19.7 15.3 22.9

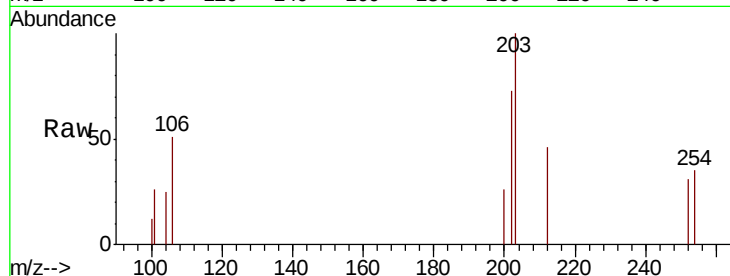




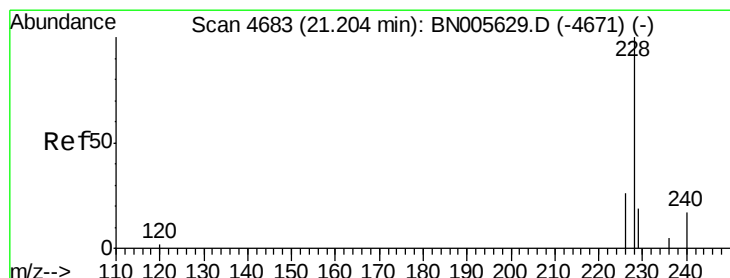
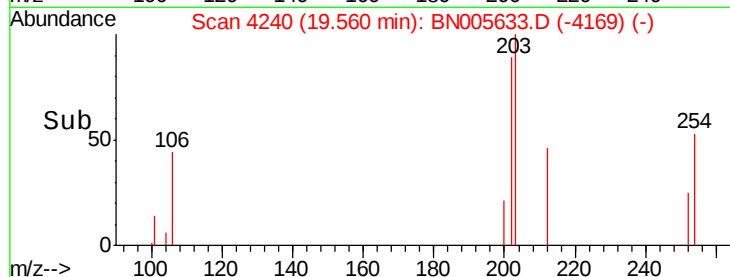
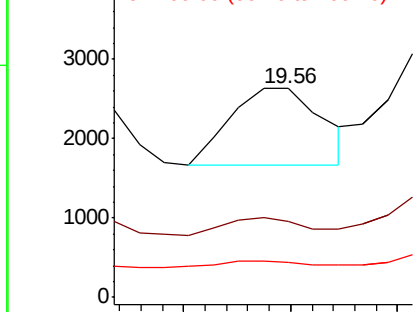
#17
 Pyrene
 Concen: 0.587 ng/ul
 RT: 19.56 min Scan# 4240
 Delta R.T. 0.13 min
 Lab File: BN005633.D
 Acq: 11 May 2019 18:58

Instrument :
 BNA_N
 ClientSampleId :
 A5144

Tgt Ion:202 Resp: 1157
 Ion Ratio Lower Upper
 202 100
 101 36.5 8.5 12.7#
 100 16.9 6.9 10.3#

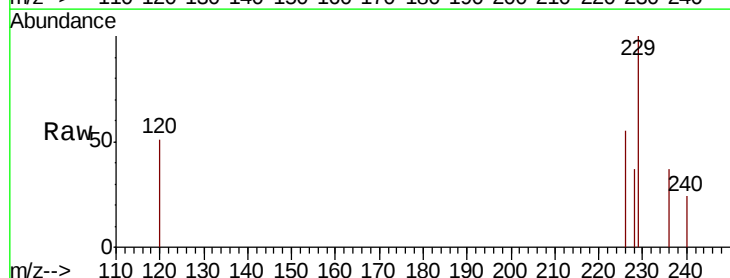


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

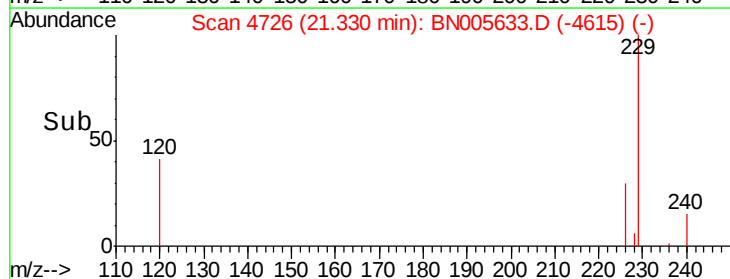
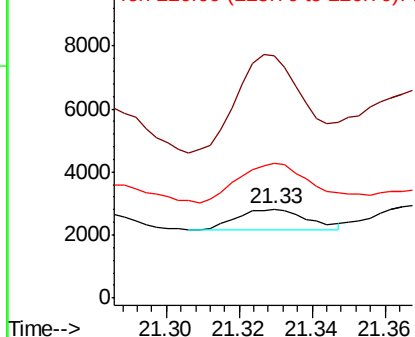


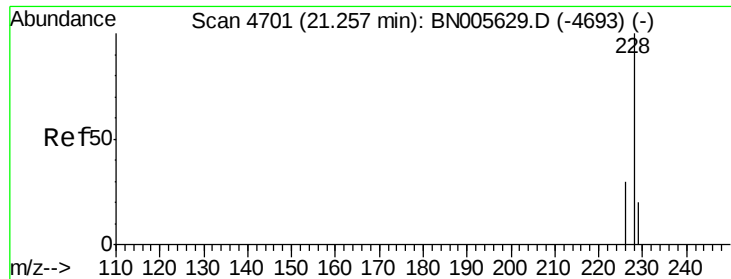
#18
 Benzo(a)anthracene
 Concen: 0.493 ng/ul
 RT: 21.33 min Scan# 4726
 Delta R.T. 0.13 min
 Lab File: BN005633.D
 Acq: 11 May 2019 18:58

Tgt Ion:228 Resp: 908
 Ion Ratio Lower Upper
 228 100
 229 272.3 15.8 23.8#
 226 151.1 21.7 32.5#



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: 0.692 ng/ul

RT: 21.37 min Scan# 4739

Delta R.T. 0.11 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

Instrument :

BNA_N

ClientSampleId :

A5144

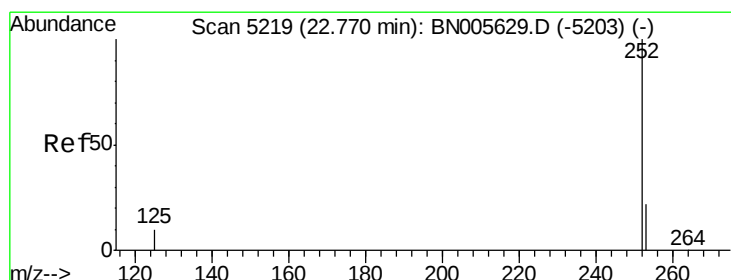
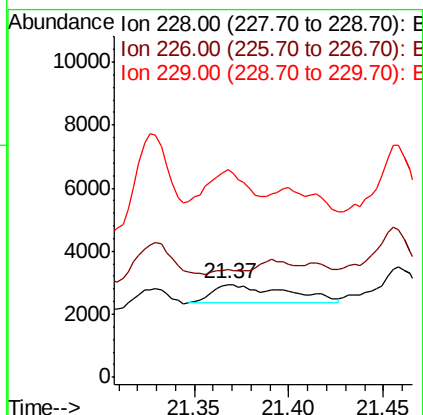
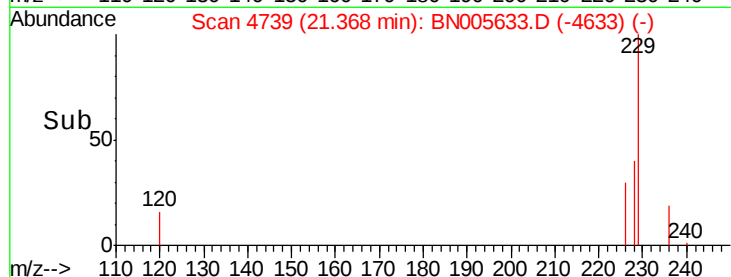
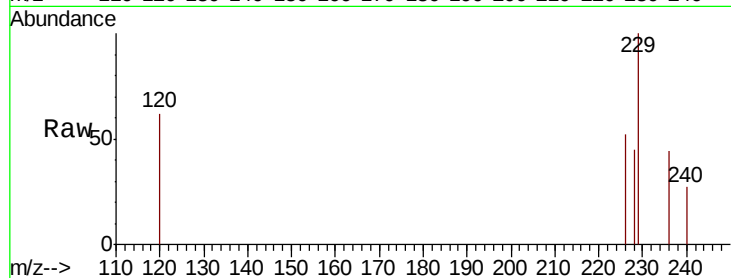
Tgt Ion:228 Resp: 1565

Ion Ratio Lower Upper

228 100

226 116.1 23.2 34.8#

229 224.0 16.0 24.0#



#21

Benzo(b)fluoranthene

Concen: 1.519 ng/ul

RT: 22.86 min Scan# 5248

Delta R.T. 0.08 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

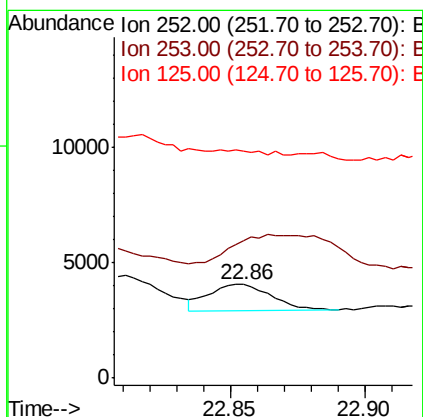
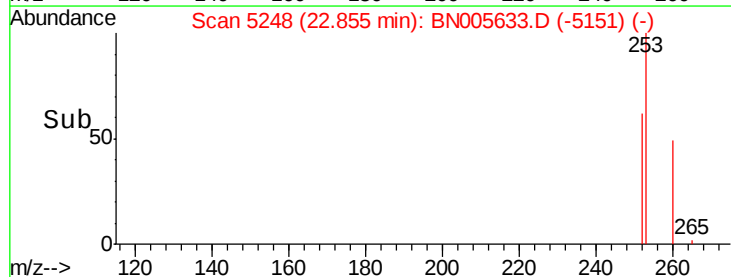
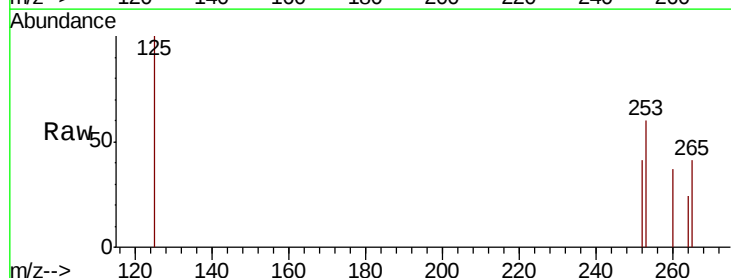
Tgt Ion:252 Resp: 1813

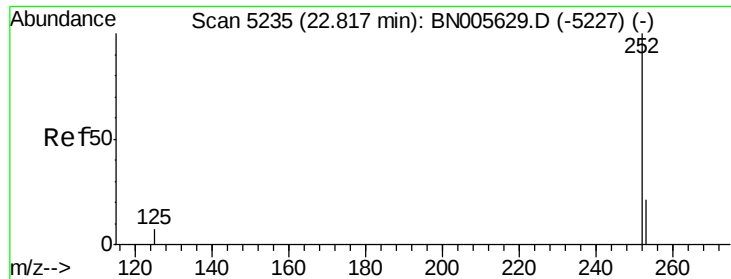
Ion Ratio Lower Upper

252 100

253 146.3 0.0 47.6#

125 242.3 0.0 20.8#





#22

Benzo(k)fluoranthene

Concen: 0.519 ng/ul

RT: 22.94 min Scan# 5277

Delta R.T. 0.12 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

Instrument :

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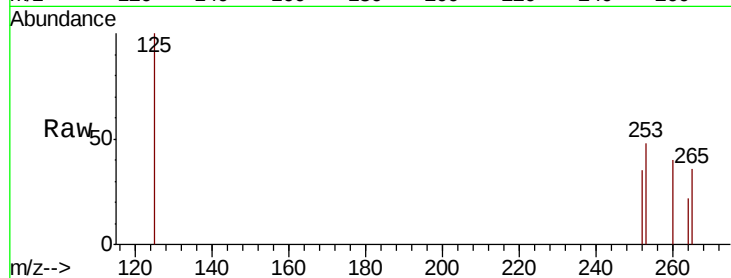
Tgt Ion:252 Resp: 777

Ion Ratio Lower Upper

252 100

253 136.6 18.8 28.2#

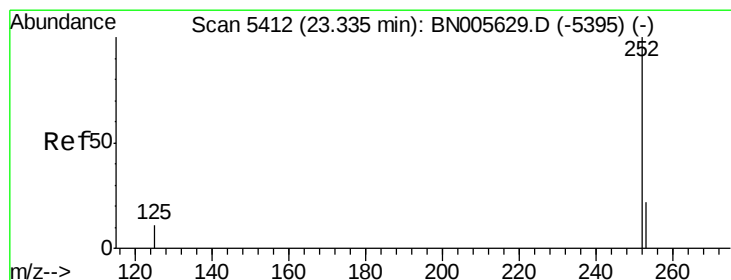
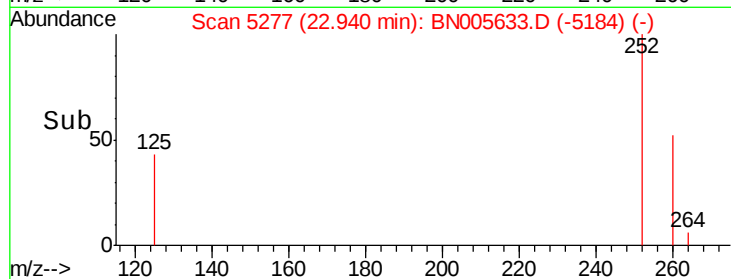
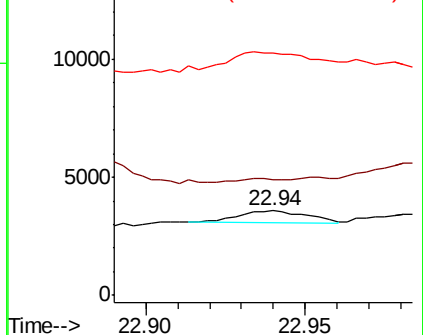
125 286.9 7.6 11.4#



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: 6.401 ng/ul

RT: 23.47 min Scan# 5460

Delta R.T. 0.14 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

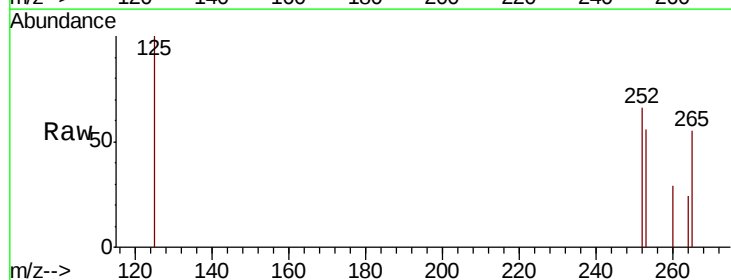
Tgt Ion:252 Resp: 8538

Ion Ratio Lower Upper

252 100

253 85.1 19.6 29.4#

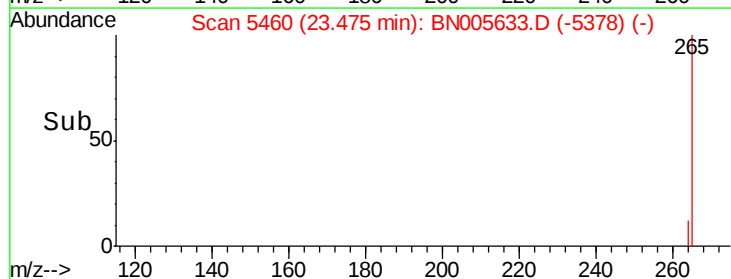
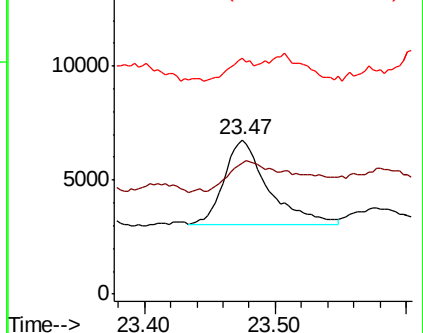
125 152.6 10.1 15.1#

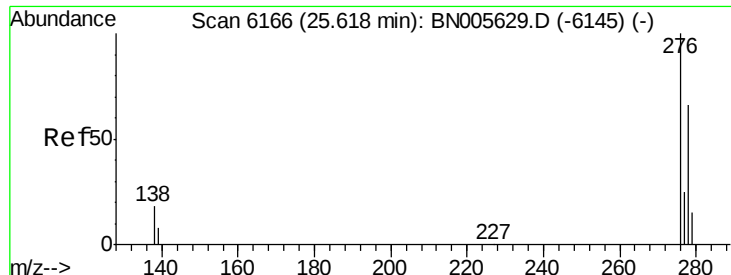


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.501 ng/ul

RT: 25.77 min Scan# 6212

Delta R.T. 0.15 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

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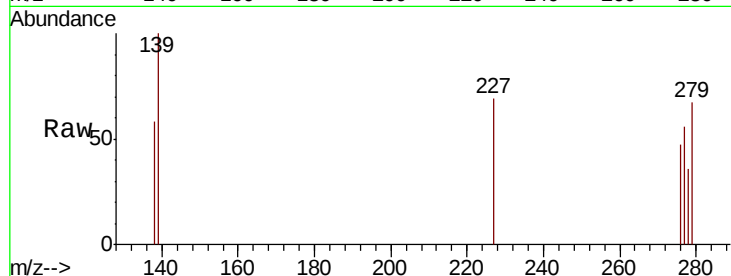
Tgt Ion:276 Resp: 747

Ion Ratio Lower Upper

276 100

138 54.1 15.8 23.8#

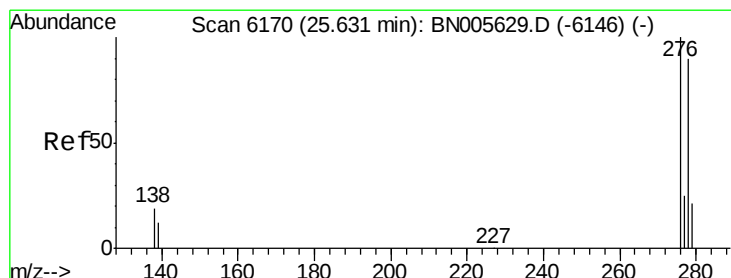
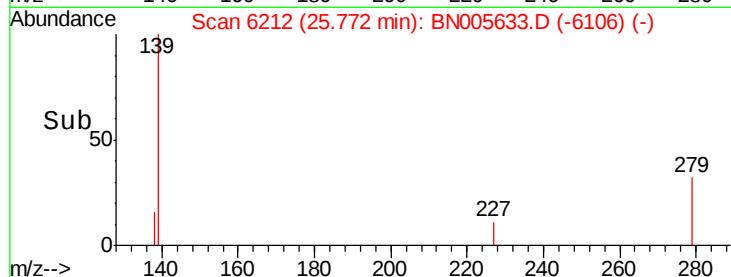
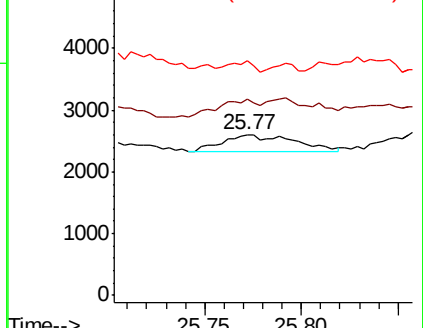
227 20.6 0.1 0.1#



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: 0.794 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. 0.10 min

Lab File: BN005633.D

Acq: 11 May 2019 18:58

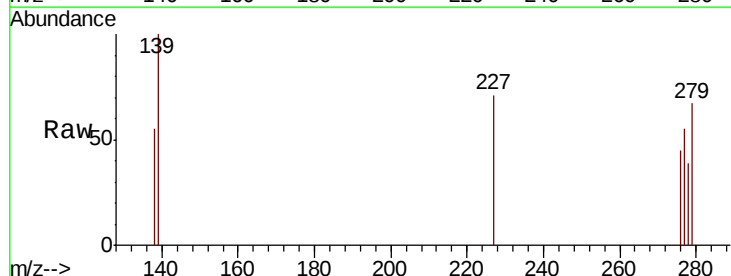
Tgt Ion:278 Resp: 979

Ion Ratio Lower Upper

278 100

139 256.8 12.4 18.6#

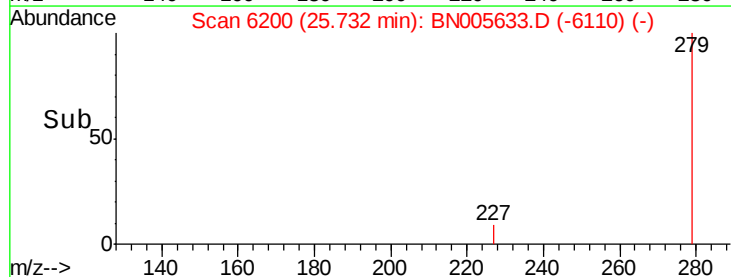
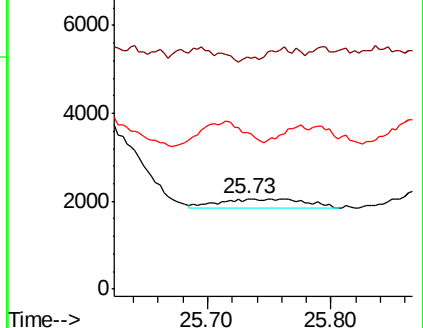
279 173.0 21.0 31.4#

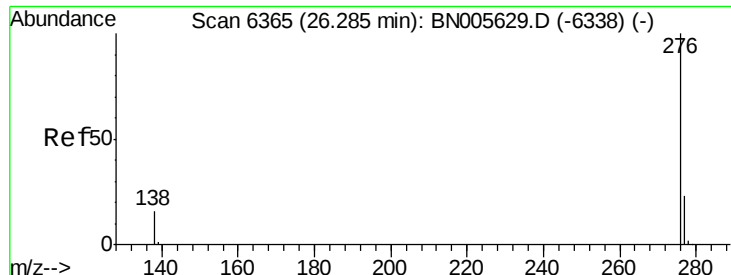


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.296 ng/u1

RT: 26.31 min Scan# 6373

Delta R.T. 0.03 min

Lab File: BN005633.D

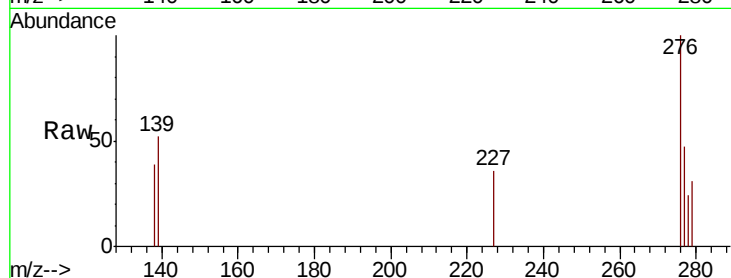
Acq: 11 May 2019 18:58

Instrument :

BNA_N

ClientSampleId :

A5144



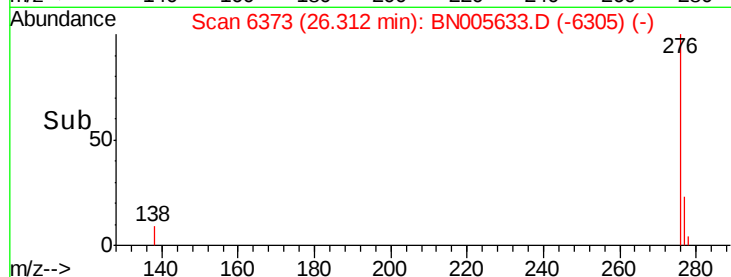
Tgt Ion:276 Resp: 23279

Ion Ratio Lower Upper

276 100

138 39.3 15.6 23.4#

277 47.3 20.6 31.0#



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

